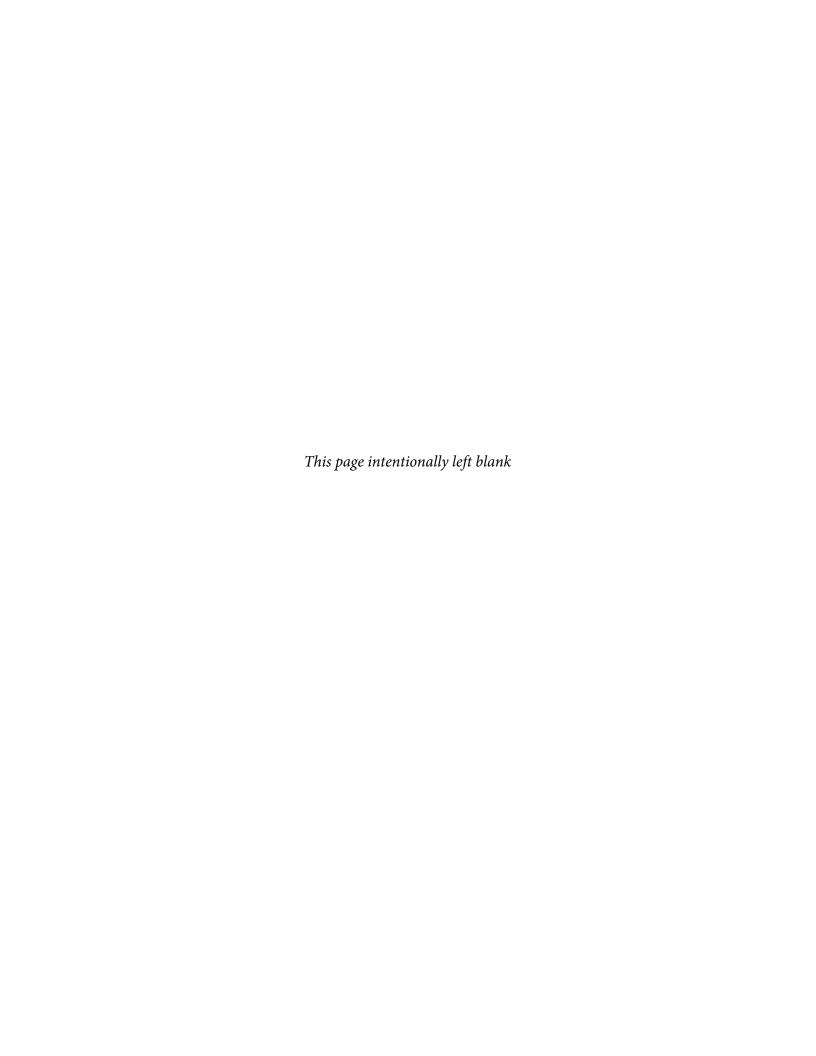
APPENDIX H Noise Assessment





2880 Alum Rock Avenue Mixed-Use Project

Noise and Vibration Study

prepared by

Circlepoint

46 South First Street

San José, California 95113

Contact: Juliet Martin, Senior Associate Environmental Planner

prepared with the assistance of

Rincon Consultants, Inc. 449 15th Street, Suite 303 Oakland, California 94612

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Circlepoint 2880 Alum Rock Avenue Mixed-Use Project

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Project Description 1

1.1 Introduction

This study analyzes the potential noise and vibration impacts of the proposed 2880 Alum Rock Avenue Mixed-Use Project (herein referred to as "proposed project" or "project") in San José, California. Rincon Consultants, Inc. (Rincon) prepared this study for Circlepoint for use in support of environmental documentation being prepared for the City of San José for the project pursuant to the California Environmental Quality Act (CEQA). The purpose of this study is to analyze the project's noise and vibration impacts related to temporary construction activity and long-term operation of the project.

Project Summary 1.2

1.2.1 **Project Location**

The project site encompasses approximately 1.32 acres (57,499 square feet) on a generally level site at 2880 Alum Rock Avenue (Accessor Parcel Number 48420040). The project site is on the south side of Alum Rock Avenue, east of its intersection with Capitol Avenue. The site is currently occupied with a vacant. 8,235 square-foot restaurant building and surface parking lot. Adjacent land uses include multi-family residential development to the south, single-family residences to the north across Alum Rock Avenue, and commercial development to the east and west. Figure 1 shows the project site's regional location and Figure 2 shows an aerial view of the project site and surrounding area, as well as noise measurement locations that are referenced in sections 2 and 4 of this report.

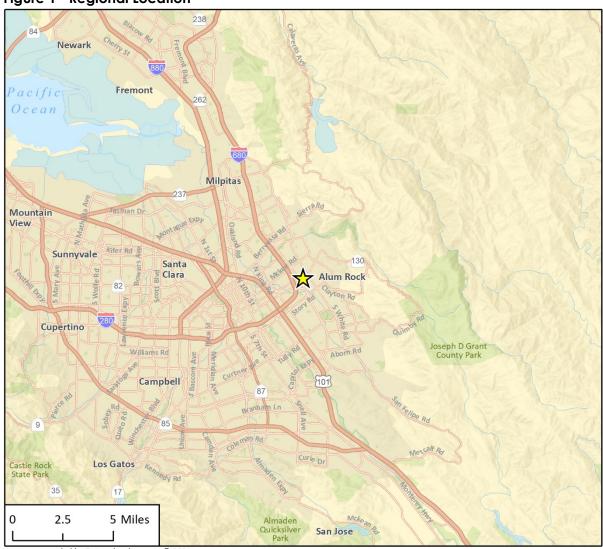
1.2.2 Project Description

The project would involve the construction of a five-story mixed-use building (proposed Building A) and a five-story podium-style residential building (proposed Building B). The project would include a total of 164 residential units consisting of 92 studio units, 58 one-bedroom units, and 14 twobedroom units. The project would also provide a leasing office, mail room, and other residential amenities on the second floor of proposed Building A¹. A total of 106 parking stalls would be provided for the residential and commercial uses with 43 stalls available in enclosed parking garages below proposed buildings A and B and 63 stalls available in an open parking lot surrounding the proposed buildings. The parking garage below Building A would include 33 stalls with three of those stalls for motorcycle parking and there would be 10 parking stalls below Building B. Approximately 167 bicycle parking spaces would be included on site. Access to the site would be provided via a private access off Alum Rock Avenue. Project plans are included in Appendix A.2

¹ The plans for the project show that the commercial use would be approximately 7,000 square feet. However, 7,5000 square feet of commercial use was modeled to allow the project flexibility if the square footage were to increase in the future.

² Minor changes have been made to the project plans since modeling in March 2021. Notable changes include a small reduction to the number of parking spaces provided for the residential and commercial uses. This minor change would not notably alter the noise modeling.

Figure 1 Regional Location



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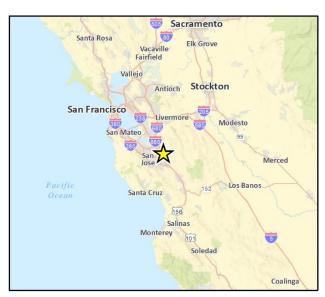




Figure 2 Project Site and Noise Measurement Locations

1.2.3 Construction

Project construction is expected to commence in January 2022 and occur over approximately 14 months. The project would require the demolition of the existing restaurant (approximately 8,235 square feet) and the onsite asphalt (approximately 7,330 cubic yards). The project would involve approximately 1,700 cubic yards of grading; approximately 1,300 cubic yards would be exported from the site and 400 cubic yards would be used as fill.

1.2.4 Sustainability Features

The project would include green building features, namely the achievement of at minimum a Silver level certification by the United States Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) v4 program. There would be a total of 12 electric vehicle (EV) parking stalls on the site, three designated for the commercial users and nine for the residential users.

2 Background

2.1 Overview of Sound Measurement

Sound is a vibratory disturbance created by a moving or vibrating source, which is capable of being detected by the hearing organs. Noise is defined as sound that is loud, unpleasant, unexpected, or undesired and may therefore be classified as a more specific group of sounds. The effects of noise on people can include general annoyance, interference with speech communication, sleep disturbance, and, in the extreme, hearing impairment (Caltrans 2013).

Noise levels are commonly measured in decibels (dB) using the A-weighted sound pressure level (dBA). The A-weighting scale is an adjustment to the actual sound pressure levels so that they are consistent with the human hearing response, which is most sensitive to frequencies around 4,000 Hertz and less sensitive to frequencies around and below 100 Hertz (Kinsler, et. al. 1999). Decibels are measured on a logarithmic scale that quantifies sound intensity in a manner similar to the Richter scale used to measure earthquake magnitudes. A doubling of the energy of a noise source, such as doubling of traffic volume, would increase the noise level by 3 dB; dividing the energy in half would result in a 3-dB decrease (Crocker 2007).

Human perception of noise has no simple correlation with sound energy: the perception of sound is not linear in terms of dBA or in terms of sound energy. Two sources do not "sound twice as loud" as one source. It is widely accepted that the average healthy ear can barely perceive changes of 3 dBA, increase or decrease (i.e., twice the sound energy); that a change of 5 dBA is readily perceptible (8 times the sound energy); and that an increase (or decrease) of 10 dBA sounds twice (half) as loud ([10.5x the sound energy] Crocker 2007).

Sound changes in both level and frequency spectrum as it travels from the source to the receiver. The most obvious change is the decrease in level as the distance from the source increases. The manner by which noise reduces with distance depends on factors such as the type of sources (e.g., point or line, the path the sound will travel, site conditions, and obstructions). Noise levels from a point source typically attenuate, or drop off, at a rate of 6 dBA per doubling of distance (e.g., construction, industrial machinery, ventilation units). Noise from a line source (e.g., roadway, pipeline, railroad) typically attenuates at about 3 dBA per doubling of distance (Caltrans 2013). The propagation of noise is also affected by the intervening ground, known as ground absorption. A hard site, such as a parking lot or smooth body of water, receives no additional ground attenuation and the changes in noise levels with distance (drop-off rate) result from simply the geometric spreading of the source. An additional ground attenuation value of 1.5 dBA per doubling of distance applies to a soft site (e.g., soft dirt, grass, or scattered bushes and trees) (Caltrans 2013). Noise levels may also be reduced by intervening structures; the amount of attenuation provided by this "shielding" depends on the size of the object and the frequencies of the noise levels. Natural terrain features such as hills and dense woods, and man-made features such as buildings and walls, can significantly alter noise levels. Generally, any large structure blocking the line of sight will provide at least a 5dBA reduction in source noise levels at the receiver (Federal Highway Administration [FHWA] 2011). Structures can substantially reduce exposure to noise as well. The FHWA's guidelines indicate that modern building construction generally provides an exterior-to-interior noise level reduction of 20 to 35 dBA with closed windows.

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The impact of noise is not a function of loudness alone. The time of day when noise occurs and the duration of the noise are also important factors of project noise impact. Most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed. One of the most frequently used noise metrics is the equivalent noise level (L_{eq}); it considers both duration and sound power level. L_{eq} is defined as the single steady A-weighted level equivalent to the same amount of energy as that contained in the actual fluctuating levels over time. Typically, L_{eq} is summed over a one-hour period. L_{max} is the highest root mean squared (RMS) sound pressure level within the sampling period, and L_{min} is the lowest RMS sound pressure level within the measuring period (Crocker 2007).

Noise that occurs at night tends to be more disturbing than that occurring during the day. Community noise is usually measured using Day-Night Average Level (L_{dn}), which is the 24-hour average noise level with a +10 dBA penalty for noise occurring during nighttime (10:00 p.m. to 7:00 a.m.) hours.

2.2 Vibration

Groundborne vibration of concern in environmental analysis consists of the oscillatory waves that move from a source through the ground to adjacent structures. The number of cycles per second of oscillation makes up the vibration frequency, described in terms of Hz. The frequency of a vibrating object describes how rapidly it oscillates. The normal frequency range of most groundborne vibration that can be felt by the human body starts from a low frequency of less than 1 Hz and goes to a high of about 200 Hz (Crocker 2007).

While people have varying sensitivities to vibrations at different frequencies, in general they are most sensitive to low-frequency vibration. Vibration in buildings, such as from nearby construction activities, may cause windows, items on shelves, and pictures on walls to rattle. Vibration of building components can also take the form of an audible low-frequency rumbling noise, referred to as groundborne noise. Groundborne noise is usually only a problem when the originating vibration spectrum is dominated by frequencies in the upper end of the range (60 to 200 Hz), or when foundations or utilities, such as sewer and water pipes, physically connect the structure and the vibration source (Federal Transit Administration [FTA] 2018). Although groundborne vibration is sometimes noticeable in outdoor environments, it is almost never annoying to people who are outdoors. The primary concern from vibration is that it can be intrusive and annoying to building occupants and vibration-sensitive land uses.

Vibration energy spreads out as it travels through the ground, causing the vibration level to diminish with distance away from the source. High-frequency vibrations diminish much more rapidly than low frequencies, so low frequencies tend to dominate the spectrum at large distances from the source. Discontinuities in the soil strata can also cause diffractions or channeling effects that affect the propagation of vibration over long distances (Caltrans 2020). When a building is impacted by vibration, a ground-to-foundation coupling loss will usually reduce the overall vibration level. However, under rare circumstances, the ground-to-foundation coupling may actually amplify the vibration level due to structural resonances of the floors and walls.

Vibration amplitudes are usually expressed in peak particle velocity (PPV) or root mean squared (RMS) vibration velocity. The PPV and RMS velocity are normally described in inches per second (in/sec). PPV is defined as the maximum instantaneous positive or negative peak of a vibration signal. PPV is often used in monitoring of blasting vibration because it is related to the stresses that are experienced by buildings (Caltrans 2020).

2.3 Sensitive Receivers

Noise exposure goals for various types of land uses reflect the varying noise sensitivities associated with those uses. As defined by the City of San José's Noise Element Background Report, noise sensitive land uses (also referred to as "sensitive receivers") include picnic areas, recreational areas, playgrounds, active sport areas, parks, residences, motels, hotels, schools, churches, libraries, and hospitals. (City of San José 2009).

Sensitive receivers nearest to the project site include multi-family residences located adjacent to the southwestern boundary of the project site and single-family residences located across Alum Rock Avenue to the northeast of the project site. James Lick High School's sports fields are located north and east of the project site with classrooms located off of North White Road, approximately 985 feet from the nearest project boundary line.

2.4 Project Noise Setting

The most common source of noise in the project site vicinity is vehicular traffic from Alum Rock Avenue. According to Table 8 of San José's Safety and Noise Chapter of the General Plan, Appendix C-1 Environmental Noise Assessment, the project site is located within the 65 dBA to 70 dBA L_{dn} noise contours (City of San José 2010).

To characterize ambient sound levels at and near the project site, two 15-minute sound level measurements were conducted on February 16, 2021, and one 24-hour measurement was conducted on February 16 and 17, 2021. The sound meter was calibrated prior to measurements. Measurement Short-term (ST) 1 was conducted to capture the noise levels of Alum Rock Avenue and ST-2 was conducted near the existing on-site structure and double the distance of ST-1 from Alum Rock Avenue. Measurement Long-term (LT) 1 was conducted to capture on-site noise levels over a 24-hour period to establish day and night noise energy split in the project area and accounted for in project noise calculations. The 24-hour measurement was conducted near the eastern project boundary and shielded from full exposure from Alum Rock Avenue traffic noise by the existing commercial structures on- and off-site. The 24-hour measurement resulted in a noise level of 71 dBA L_{dn} with a day and night energy split of 81 percent and 19 percent, respectively. Daytime average hourly noise level is 68 dBA and nighttime average hourly noise level is 64 dBA. The highest measured daytime and nighttime hourly noise levels were 71 dBA and 70 dBA L_{eq}, respectively.

Table 1 and Table 2 summarize the results of the noise measurements. During ST-1 and ST-2, vehicles with modified mufflers generated noise that was observed to be louder than typical roadway noise. In addition, music emanating from vehicles was noted to be louder than the roadway noise. Traffic vehicle counts were conducted during noise measurement ST-1 and consisted of 405 automobiles and 7 medium trucks. Detailed sound level measurement data are included in Appendix B.

Table 1 Project Vicinity Sound Level Monitoring Results

Measurement	Location	Sample Times	Approximate Distance to Primary Noise Source	L _{eq} (dBA)	L _{max} (dBA)	Notes
ST-1	Northern project boundary line	12:14 – 12:29 p.m.	75 feet from Alum Rock Avenue centerline	68	97	Alum Rock Avenue traffic noise
ST-2	Near existing on-site structure	12:35 – 12:50 p.m.	150 feet from Alum Rock Avenue centerline	59	68	Alum Rock Avenue traffic noise

dBA=A-weighted decibels; L_{eq} = average energy noise level; L_{max} = instantaneous maximum noise level; Source: Rincon Consultants, field measurements conducted on February 16, 2021, using ANSI Type II Integrating sound level meter. See Appendix B.

Table 2 Project Site Noise Monitoring Results – Long Term

Sample Time	dBA L _{eq}	Sample Time	dBA L _{eq}
LT1 – Eastern Bound	dary of Project Site, Febr	uary 16 and 17, 2021	
1:03 p.m.	65	1:03 a.m.	60
2:03 p.m.	68	2:03 a.m.	60
3:03 p.m.	68	3:03 a.m.	59
4:03 p.m.	71	4:03 a.m.	64
5:03 p.m.	69	5:03 a.m.	65
6:03 p.m.	67	6:03 a.m.	70
7:03 p.m.	67	7:03 a.m.	68
8:03 p.m.	66	8:03 a.m.	70
9:03 p.m.	65	9:03 a.m.	71
10:03 p.m	61	10:03 a.m.	67
11:03 p.m.	61	11:03 a.m.	71
12:03 a.m.	59	12:03 p.m.	66
24-hour Noise Leve	l		71 dBA L _{dn}

dBA=A-weighted decibels; L_{eq} = average energy noise level

Source: Rincon Consultants, field measurements conducted on February 16 and 17, 2021, using ANSI Type II Integrating sound level meter. See Appendix B.

2.5 Regulatory Setting

Envision San José 2040 General Plan

The San José General Plan includes goals and policies to reduce noise impacts in the City and maintain a health noise environment for residents. The General Plan establishes noise compatibility standards for land uses in the City, as shown in Table 3.

Table 3 Land Use Compatibility Guidelines for Community Noise in San José

		loise Exposure Leve (LDNL _{dn} in Decibels	
Land Use Category	Normally Acceptable	Conditionally Acceptable	Unacceptable
Residential, Hotels and Motels, Hospitals and Residential Care	50-60	60-75	75-85
Outdoor Sports and Recreation, Neighborhood Parks and Playgrounds	50-65	65-80	80-85
Schools, Libraries, Museums, Meeting Halls, Churches	50-60	60-75	75-85
Office Buildings, Business Commercial, and Professional Offices	50-70	70-80	80-85
Sports Arena, Outdoor Spectator Sports	50-70	70-80	80-85
Public and Quasi-Public Auditoriums, Concert Halls, Amphitheaters	NA	50-70	70-85

Normally acceptable = Specific land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements

Conditionally acceptable = Specified land use may be permitted only after detailed analysis of the noise reduction requirements and needed noise insulation features included in the design

Unacceptable = New construction or development should generally not be undertaken because mitigation is usually not feasible to comply with noise element policies.

Source: San José 2020

Goals and policies in the General Plan that are applicable to the project include:

Goal EC-1: Noise and Vibration: Minimize the impact of noise on people through noise reduction and suppression techniques, and through appropriate land use policies.

Policy EC-1.1: Locate new development in areas where noise levels are appropriate for the proposed uses. Consider federal, state and City noise standards and guidelines as a part of new development review. Applicable standards and guidelines for land uses in San José include:

Interior Noise Levels: The City's standard for interior noise levels in residences, hotels, motels, residential care facilities, and hospitals is 45 dBA L_{dn}. Include appropriate site and building design, building construction and noise attenuation techniques in new development to meet this standard.

Exterior Noise Levels: The City's acceptable exterior noise level objective is 60 dBA L_{dn} or less for residential and most institutional land uses. The acceptable exterior noise level objective is established for the City, except in the environs of the San José International Airport and the Downtown.

Policy EC-1.2: Minimize the noise impacts of new development on land uses sensitive to increased noise levels by limiting noise generation and by requiring use of noise attenuation measures such as acoustical enclosures and sound barriers, where feasible. The City considers significant noise impacts to occur if a project would:

 Cause the L_{dn} at noise sensitive receivers to increase by five dBA L_{dn} or more where the noise levels would remain "Normally Acceptable"; or

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 Cause the L_{dn} at noise sensitive receivers to increase by three dBA L_{dn} or more where noise levels would equal or exceed the "Normally Acceptable" level.

Policy EC-1.7: Require construction operations within San José to use best available noise suppression devices and techniques and limit construction hours near residential uses per the City's Municipal Code. The City considers significant construction noise impacts to occur if a project located within 500 feet of residential uses or 200 feet of commercial or office uses would:

 Involve substantial noise generating activities (such as building demolition, grading, excavation, pile driving, use of impact equipment, or building framing) continuing for more than 12 months.

For such large or complex projects, a construction noise logistics plan that specifies hours of construction, noise and vibration minimization measures, posting or notification of construction schedules, and designation of a noise disturbance coordinator who would respond to neighborhood complaints will be required to be in place prior to the start of construction and implemented during construction to reduce noise impacts on neighboring residents and other uses.

Goal EC-2: Vibration: Minimize vibration impacts on people, residences, and business operations.

Policy EC-2.3: Require new development to minimize vibration impacts to adjacent uses during demolition and construction. For sensitive historic structures, a vibration limit of 0.08 in/sec PPV (peak particle velocity) will be used to minimize the potential for cosmetic damage to a building. A vibration limit of 0.20 inches per second (in/sec) peak particle velocity (PPV) will be used to minimize the potential for cosmetic damage at buildings of normal conventional construction.

City of San José Municipal Code

Title 20 of the Municipal Code lists performance standards for different zonings. Section 20.100.450 restricts construction hours within 500 feet of a residential unit to 7:00 a.m. to 7:00 p.m. Monday through Friday, unless otherwise expressly allowed in a Development Permit or other planning approval. The San José Municipal Code (SJMC) does not establish quantitative noise limits for demolition or construction activities.

SJMC Section 20.40.500 establishes that no outdoor activity, including loading, sweeping, landscaping or maintenance shall occur within one-hundred fifty feet of any residentially zoned property between the hours of 12:00 a.m. and 6:00 a.m. Section 20.40.600 of the SJMC provides performance standards for commercially-zoned properties, and limits operational noise levels resulting from commercially-zoned properties to 55 dBA L_{eq} at any residentially-zoned property line and 60 dBA L_{eq} at any commercially-zoned property line.

City of San José Standard Permit Conditions

Consistent with General Plan Policy EC-1.7 and the SJMC, the City would require the applicant to implement the following standard project condition of approval to reduce construction-related noise impacts:

- Construct solid plywood fences around ground level construction sites adjacent to operational businesses, residences, or other noise-sensitive land uses.
- Equip all internal combustion engine-driven equipment with intake and exhaust mufflers that are in good condition and appropriate for the equipment.
- Prohibit unnecessary idling of internal combustion engines.
- Locate stationary noise-generating equipment such as air compressors or portable power generators as far as possible from sensitive receivers. Construct temporary noise barriers to screen stationary noise-generating equipment when located near adjoining sensitive land uses.
- Utilize "quiet" air compressors and other stationary noise sources where technology exists.
- Control noise from construction workers' radios to a point where they are not audible at existing residences bordering the project site.
- Notify all adjacent businesses, residences, and other noise-sensitive land uses of the construction schedule, in writing, and provide a written schedule of "noisy" construction activities to the adjacent land uses and nearby residences.
- If complaints are received or excessive noise levels cannot be reduced using the measures above, erect a temporary noise control blanket barrier along surrounding building facades that face the construction sites.
- Designate a "disturbance coordinator" who shall be responsible for responding to any complaints about construction noise. The disturbance coordinator shall determine the cause of the noise complaint (e.g., bad muffler, etc.) and shall require that reasonable measures be implemented to correct the problem. Conspicuously post a telephone number for the disturbance coordinator at the construction site and include it in the notice sent to neighbors regarding the construction schedule.
- Limit construction to the hours of 7:00 a.m. to 7:00 p.m. Monday through Friday for any onsite or off-site work within 500 feet of any residential unit. Construction outside of these hours may be approved through a development permit based on a site-specific "construction noise mitigation plan" and a finding by the Director of Planning, Building and Code Enforcement that the construction noise mitigation plan is adequate to prevent noise disturbance of affected residential uses.

3 Methodology

3.1 Construction Noise

Construction noise was estimated using the FHWA Roadway Construction Noise Model (RCNM) (FHWA 2006). RCNM predicts construction noise levels for a variety of construction operations based on empirical data and the application of acoustical propagation formulas. Using RCNM, construction noise levels were estimated at noise sensitive receivers near the project site. RCNM provides reference noise levels for standard construction equipment, with an attenuation of 6 dBA per doubling of distance for stationary equipment.

Variation in power imposes additional complexity in characterizing the noise source level from construction equipment. Power variation is accounted for by describing the noise at a reference distance from the equipment operating at full power and adjusting it based on the duty cycle of the activity to determine the L_{eq} of the operation (FHWA 2018). Each phase of construction has a specific equipment mix, depending on the work to be accomplished during that phase. Each phase also has its own noise characteristics; some will have higher continuous noise levels than others, and some have high-impact noise levels.

Construction noise would typically be higher during the heavier periods of initial construction (i.e., site preparation and grading work) and would be lower during the later construction phases (i.e., interior building construction). Typical heavy construction equipment during project grading and site preparation would include graders, dozers, and backhoes. It is assumed that diesel engines would power all construction equipment. Construction equipment would not all operate at the same time or location. In addition, construction equipment would not be in constant use during the 8-hour operating day. A grader, dozer, and backhoe were analyzed together for construction noise impacts due to their likelihood of being used in conjunction with one another and therefore a conservative scenario for the greatest noise generation during construction. Using RCNM to estimate noise associated with a grader, dozer and backhoe, noise levels are calculated to be 83 dBA L_{eq} at 50 feet (RCNM calculations are included in Appendix C).

3.2 Groundborne Vibration

The proposed project would not include substantial vibration sources associated with operation. Therefore, construction activities have the greatest potential to generate ground-borne vibration affecting nearby receivers. The greatest vibratory source during construction within the project vicinity would be from a bulldozer. Neither blasting nor pile driving would be required for construction of the proposed project. Construction vibration estimates are based on vibration levels reported by Caltrans and the FTA (Caltrans 2020, FTA 2018). Table 4 shows typical vibration levels for various pieces of construction equipment used in the assessment of construction vibration (FTA 2018).

Table 4 Vibration Levels Measured during Construction Activities

Equipment	PPV at 25 ft. (in/sec)	
Large Bulldozer	0.089	
Loaded Trucks	0.076	
Jackhammer	0.035	
Small Bulldozer	0.003	
Source: FTA 2018		

3.3 Operational Noise Sources

Noise sources associated with operation of the proposed project would consist of low speed on-site vehicular noise, project-generated off-site traffic, landscape maintenance, general conversations, and mechanical equipment (e.g., air conditioning equipment). Low noise levels associated with general conversations, low speed on-site vehicular noise, and landscape maintenance would be similar to existing noise sources in the project's urban setting and are not analyzed further.

On site-noise mechanical sources were modeled with algorithms from the SoundPLAN threedimensional noise model (SoundPLAN), Version 8.2. Propagation of modeled stationary noise sources was based on ISO Standard 9613-2, "Attenuation of Sound during Propagation Outdoors, Part 2: General Method of Calculation." The assessment methodology assumes that all receivers would be downwind of stationary sources. This is a conservative assumption for total noise impacts since, in reality, only some receivers would be downwind at any one time. The primary stationary noise generator from the project would be packaged terminal air conditioner (PTAC) units. Each dwelling unit would contain a PTAC located in exterior walls. In the modeling, units were conservatively placed in likely locations of each unit, i.e., in the walls of the units facing the exhaust to the adjacent property lines. Forty Four (44) PTAC units were assigned to the south façade, 20 units to the west façade, and 44 PTAC units to the north façade of Building A. Eighteen (18) PTAC units were assigned to the north façade, and 25 units to the south façade of Building B based on the site plan elevation sheets shown in Appendix A. The PTAC used in this analysis, a LG Model LP156HD3A, is typical for a larger residential unit(see Appendix D for specification sheets). The manufacturer's noise data indicates each unit generates an outdoor sound power level of 63 dBA. All PTAC units were modeled as being approximately three feet above the elevation of each floor. The units were conservatively assumed to operate at 100 percent of the hour both day and night and were modeled without screening.

Traffic Noise

Noise levels at the project site would be primarily influenced by traffic noise from Alum Rock Avenue. Future noise levels affecting the compatibility of the project site were estimated using the FHWA's Traffic Noise Model (TNM) traffic noise-reference levels and SoundPLAN. Traffic noise-model inputs to SoundPLAN include the three- dimensional coordinates of the roadways, noise receivers, and topographic features or planned barriers that would affect noise propagation; vehicle volumes and speeds, by type of vehicle; and absorption factors.

The project would generate an estimated 849 daily trips (Hexagon 2021). Traffic volumes used for the noise analysis are shown in Table 5.

Table 5 Existing and Future Traffic Volumes

Roadway	Existing	Background	Existing +Project	Background + Project
Alum Rock Avenue				
West of Capitol Avenue	24,500	25,400	24,900	25,900
East of Capitol Avenue	21,600	22,400	22,100	22,900
Source: Hexagon Transportation Consultants Inc. 2022	L			

The posted speed limit on Alum Rock Avenue is 35 miles per hour. To determine the vehicle classification mix for modeling, the vehicle classification mix from Highway 130 was used, which is 94.3 percent automobiles, 2.9 percent medium trucks, and 2.8 percent heavy trucks with peak hour traffic as 10 percent of the total ADT (Caltrans 2019). Additionally, based on ambient noise survey measurement data shown in Table 2, 81 percent of the traffic occurs during the daytime and 19 percent occurs at night.

3.4 Significance Thresholds

To determine whether a project would have a significant noise impact, Appendix G to the *CEQA Guidelines* requires consideration of whether a project would result in:

- Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
- 2. Generation of excessive groundborne vibration or groundborne noise levels; or
- 3. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, exposure of people residing or working in the project area to excessive noise levels.

Construction Noise

The City of San José does not currently have an established quantitative noise standard for construction noise. However, Policy EC-1.7 of the City of San José General Plan states that the project would have a significant impact if it would generate substantial noise continuing for more than 12 months within 500 feet of a residence or 200 feet of commercial or office use or does not use best available suppression devices and techniques. This standard is used to evaluate the significance of construction noise impacts.

Operational Noise

Pursuant to City of San José General Plan Policies EC-1.2 and EC-1.3 and SJMC Chapter 20.50.300, the project would have a significant operational impact on ambient noise levels if it would:

- Cause the L_{dn} at noise-sensitive receivers to increase by five L_{dn} or more where the noise levels would remain "Normally Acceptable";
- Cause the L_{dn} at noise-sensitive receivers to increase by three L_{dn} or more where noise levels would equal or exceed the "Normally Acceptable" level;
- Generate noise levels at noise-sensitive receivers that exceed 55 L_{dn}; or
- Generate noise levels at residential property lines that exceed 55 dBA L_{eq}.

Construction Vibration

To minimize the potential for cosmetic damage to buildings, the City of San José has established vibration thresholds of 0.08 in/sec PPV for sensitive historic structures and 0.20 in/sec PPV for buildings of normal conventional construction. The City of San José's standards are used to evaluate the significance of the project's construction vibration impacts.

4 Impact Analysis

Threshold 1: Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? [Construction]

Impact N-1 Construction and demolition activities associated with implementation of the proposed project would intermittently generate noise within and adjacent to the project site. However, with the inclusion of Standard Permit Conditions construction noise levels would be reduced. This impact would be less than significant.

Project construction and demolition would occur nearest to the multi-family residences to the southwest and single-family residences to the northeast of the project site. Over the course of a typical construction day, construction equipment could be located as close as 50 feet to the multi-family residences and as close as 180 feet to the single family residences, but would typically be located at an average distance farther away due to the nature of construction and the size of the project site. Therefore, it is assumed that over the course of a typical day the construction equipment would operate at an average distance of 75 feet from the multi-family residences and 200 feet from single family residences.

At a distance of 75 feet, a grader, dozer and a backhoe would generate a noise level of 72 dBA L_{eq} and at 200 feet would generate a noise level of 67 dBA L_{eq} (RCNM calculations are included in Appendix C). Per SJMC Chapter 20.100.450, the hours of construction would be limited to 7:00 a.m. to 7:00 p.m. Monday through Friday because the project site is within 500 feet of a residential land use.

San José does not currently have an established quantitative noise standard for construction noise. However, according to the General Plan Policy EC-1.7, the project would have a significant impact if it generates substantial noise continuing for more than 12 months within 500 feet of a residence or 200 feet of commercial or office use, or does not use best available suppression devices and techniques. Because existing residences are located within 500 feet of the project site and construction would continue for more than 12 months, construction activities would be subject to Standard Permit Conditions, which are outlined in Section 2.5, *Regulatory Setting*. Adherence to the Standard Permit Conditions for construction noise such as installing temporary noise barriers and locating stationary equipment as far as possible from sensitive receivers would reduce the exposure of sensitive receivers to construction noise. The existing noise environment in the project area is 71 dBA L_{dn} due to traffic noise from Alum Rock Avenue. Proposed project construction would not substantially increase existing noise levels at sensitive receivers near the project. In addition, construction noise would be typical of common construction in urban areas and would not include the use of exceptionally high noise-generating equipment such as pile drivers. Impacts would be less than significant.

Threshold 1:	Would the proposed project generate a substantial temporary or permanent
	increase in ambient noise levels in the vicinity of the project in excess of standards
	established in the local general plan or noise ordinance, or applicable standards of
	other agencies? [Operation]

IMPACT N-2 OPERATIONAL ACTIVITIES ASSOCIATED WITH THE PROJECT WOULD GENERATE NOISE THAT MAY PERIODICALLY BE AUDIBLE TO ADJACENT NOISE-SENSITIVE RECEIVERS. NOISE SOURCES WOULD INCLUDE MOBILE SOURCES (TRAFFIC) AND STATIONARY SOURCES (PTAC). OPERATIONAL NOISE WOULD NOT EXCEED AMBIENT NOISE LEVELS AT NEARBY NOISE-SENSITIVE RECEIVERS. HOWEVER, THE PROJECT'S PROPOSED RESIDENTIAL UNITS ADJACENT TO ALUM ROCK AVENUE WOULD POTENTIALLY EXCEED THE CITY'S INTERIOR NOISE LEVEL STANDARD OF 45 DBA LDN DUE TO TRAFFIC NOISE. INTERIOR NOISE LEVELS WOULD BE CONSISTENT WITH THE CITY'S STANDARD WITH IMPLEMENTATION OF MITIGATION.

The proposed residences would be a new source of noise that may be audible at nearby properties, which include single-family and multi-family residences. These sensitive receivers would periodically be subject to stationary noise from PTAC units, traffic noise from project vehicles added to Alum Rock Avenue, and typical residential activities of people talking, cars entering and exiting the project site, car door closing and car alarms.

Mechanical Noise

Noise levels from proposed mechanical equipment were modeled at eight receivers in the project vicinity. Mechanical noise levels at off-site receiver locations and noise contours at adjacent properties are displayed in Figure 3 as OFF1 through OFF8. As shown in Table 6 and Figure 3, noise levels would not exceed City noise limits of 55 dBA L_{eq} from stationary sources at residential uses and 60 dBA L_{eq} at commercial uses. Noise levels from project operation would be less than significant.

Table 6 Operational Noise Levels at Off-site Receivers

Receiver	Description	HVAC Noise Levels (dBA L _{eq})	Exceed Threshold? ¹
OFF1	Single-family residential	36	No
OFF2	Commercial	38	No
OFF3	Multi- family residential	43	No
OFF4	Multi- family residential	40	No
OFF5	Multi- family residential	37	No
OFF6	Multi- family residential	43	No
OFF7	Multi- family residential	42	No
OFF8	Multi- family residential	42	No

 $^{^1}$ In accordance with Chapter 20.40.600 of the SJMC, the applicable threshold is that operational noise shall not exceed 55 dBA L_{eq} at any residentially zoned property line and 60 dBA L_{eq} at any commercially zoned property line.

Off-site Traffic Noise

The project would generate new vehicle trips that would increase noise levels on nearby roadways. These trips would occur primarily on Alum Rock Avenue. As shown in Table 5, the project is anticipated to increase traffic by up to six percent on Alum Rock Avenue. A six percent increase in traffic would result in traffic noise increase of less than 1 dBA. Therefore, the project's traffic noise

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increase would not exceed the 3 dBA criteria for off-site traffic noise impacts. Impacts would be less than significant.

Land Use Compatibility

Following the methodology and reference noise levels discussed in Section 3.4, noise levels at the project's individual proposed residential units were modeled in SoundPLAN. Receivers were modeled at all building façades to represent potential building façade with the highest noise level due to Alum Rock Avenue traffic noise. Building façade noise levels were modeled at ground-level

Figure 3 Operation Noise Level Contours

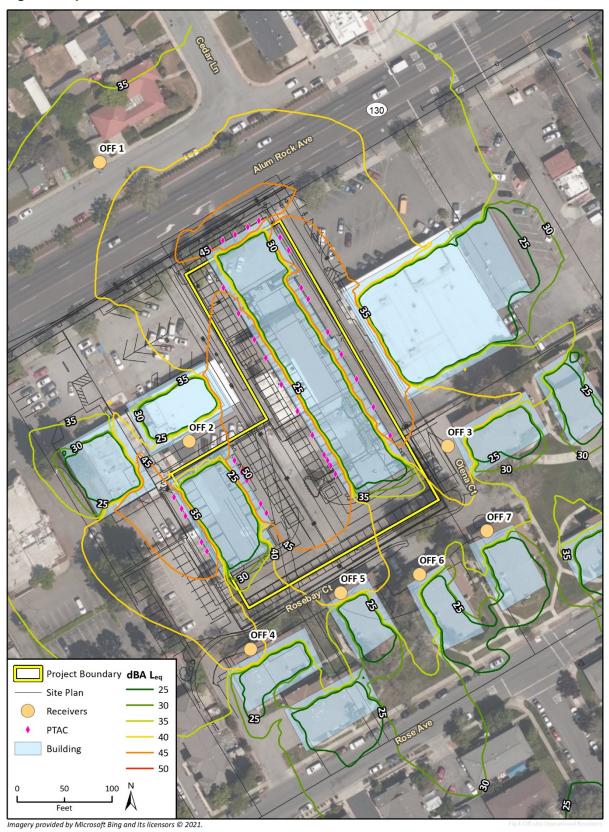


Table 7 Traffic Noise Levels

				Noise Le	vel (L _{dn})				
Receiver	Description	Ground Level/ 1 st Floor	2 nd Floor	3 rd Floor	4 th Floor	5 th Floor	6 th Floor	Exceed Exterior Threshold	Exceed Interior Threshold
ON1	Residential Building façade	74	74	74	73	73	73	No	Yes
ON2	Residential Building façade	68	69	69	68	68	68	No	No
ON3	Residential Building façade	63	65	66	66	66	66	No	No
ON4	Residential Building façade	58	62	64	64	63	63	No	No
ON5	Residential Building façade	55	60	61	62	62	62	No	No
ON6	Residential Building façade	47	49	46	37	31	32	No	No
ON7	Residential Building façade	54	59	62	62	62	62	No	No
ON8	Residential Building façade	56	61	63	63	63	63	No	No
ON9	Residential Building façade	62	65	65	65	65	65	No	No
ON10	Residential Building façade	68	69	69	68	68	68	No	No
ON11	Residential Building façade	50	59	66	66	66	66	No	No
ON12	Residential Building façade	53	58	61	62	62	62	No	No
ON13	Residential Building façade	48	51	48	30	31	32	No	No
ON14	Residential Building façade	54	59	61	61	61	61	No	No
See Figure 4 f	or receiver locations. Bold numbers e	exceed thresholds							

and at 2nd through 6th floors of the proposed residential structure and are shown in Table 7 as receivers ON1 through ON14. As shown in Table 7 and Figure 4, exterior traffic noise levels at the building façade would range from 73 to 74 dBA Ldn for receiver ON1 at all floors, the façade closest to Alum Rock Avenue. Therefore, noise levels would comply with the City's 75 dBA Ldn conditionally acceptable exterior noise standard because this study serves as the detailed analysis of the noise reduction requirements and needed noise insulation features for the site. Specified land use may be permitted only after detailed analysis of the noise reduction requirements and needed noise insulation features included in the design.

Standard construction techniques for wood-frame construction buildings required under the California Building Code typically achieve a minimum 25 dBA reduction from exterior sources at interior locations when the windows are in a closed position (FHWA 2011). Commercial structures can similarly attain a 35 dBA L_{dn} reduction though standard building practices. Therefore, where building façade noise levels would exceed 70 dBA L_{dn} (i.e., residential units adjacent to Alum Rock Avenue), interior noise levels for the project would not comply with the City's interior noise standard of 45 dBA L_{dn} for residences as well as the State interior noise level standard for non-residential occupied space. Therefore, noise levels at interior areas of project residences adjacent to Alum Rock Avenue would exceed the City's 45 dBA L_{dn} interior noise standard and would potentially conflict with the City's General Plan. Implementation of Mitigation Measure NOI-1, an exterior-to-interior noise analysis, would achieve compliance with the interior noise standard.

Mitigation Measure

NOI-1 Exterior-to-Interior Noise Level Analysis

For residential units where exterior noise levels exceed 70 L_{dn}, the project sponsor shall coordinate with the project architects and other contractors to ensure compliance with the 45 L_{dn} interior noise level standard. This will be achieved through additional exterior-to-interior noise analysis and incorporation of noise attenuation features once specific building plan information is available. The information in the analysis shall include wall heights and lengths, room volumes, window and door tables typical for a building plan, as well as information on other openings in the building shell. With this specific building plan information, the analysis shall determine the predicted interior noise levels at the planned on-site buildings. If predicted noise levels are found to be in excess of the applicable limit, the report shall identify architectural materials or techniques that could be included to reduce noise levels to the applicable limit, such as those listed below. The project applicant shall comply with mitigation measures included in the interior noise report to reduce interior noise levels if applicable noise limits are exceeded.

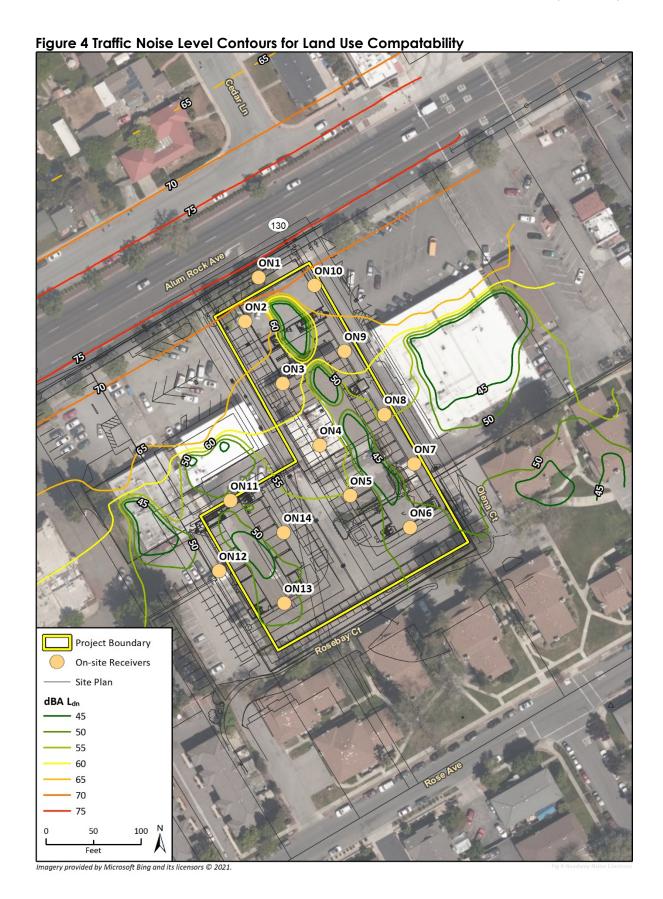
Possible noise reduction techniques include, but are not limited to:

- The project applicant shall retain the services of a qualified acoustical consultant to conduct a detailed exterior to interior noise analysis of habitable rooms in proposed Buildings A and B. The analysis shall include details of STC requirements for windows, doors, and facades to comply with the 45 dBA L_{dn} interior noise standard.
- Mount windows and sliding glass doors in low air infiltration rate frames (0.5 cubic feet per minute or less, per ANSI specifications).
- Use exterior doors with a solid core with perimeter weather-stripping and threshold seals with a Sound Transmission Class (STC) rating of at least 32, with the potential for STC rating of 36 or higher if necessary.

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2880 Alum Rock Avenue Mixed-Use Project

- Use exterior walls with a minimum of 5/8-inch of stucco or brick veneer over a minimum 1/2-inch plywood or OSB shear panel, R11 insulation and interior 5/8-inch gypsum board.
- Design walls for a STC rating of at least 46.
- Install dual-paned windows with a STC rating of at least 32, with the potential for STC rating of 36 or higher if necessary.
- If exterior sliding glass doors are included, use high-performance glazing with a minimum STC rating of 36.



Threshold 2: Would the project result in generation of excessive ground-borne vibration or ground-borne noise levels?

IMPACT N-3 CONSTRUCTION ACTIVITIES ASSOCIATED WITH IMPLEMENTATION OF THE PROPOSED PROJECT WOULD INTERMITTENTLY GENERATE GROUNDBORNE VIBRATION WITHIN AND ADJACENT TO THE PROJECT SITE. HOWEVER, VIBRATION WOULD NOT EXCEED STANDARDS. THIS IMPACT WOULD BE LESS THAN SIGNIFICANT.

Construction activities known to generate excessive ground-borne vibration, such as pile driving, are not proposed for the project. The greatest anticipated source of vibration during general project construction activities would be from a dozer, which may be used within 60 feet of the nearest off-site multi-family residential structures to the southeast. A dozer would create approximately 0.089 in/sec PPV at a distance of 25 feet (Caltrans 2020). This would equal a vibration level of 0.034 in/sec PPV at a distance of 60 feet.³ Therefore, project construction would not exceed the SJMC vibration limit of 0.20 in/sec PPV for cosmetic damage at buildings of normal conventional construction. A vibration level of 0.034 in/sec PPV during the potential use of a dozer also would not exceed 0.25 in/sec PPV, Caltrans' recommended criterion for distinctly perceptible vibration from transient sources (Caltrans 2020). Therefore, temporary impacts associated with a dozer (and other potential equipment) would be less than significant.

Operation of the project would not include any substantial vibration sources. Therefore, operational vibration impacts would be less than significant.

Threshold 3: For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

IMPACT N-4 THE PROJECT SITE IS LOCATED OUTSIDE OF NOISE CONTOURS ASSOCIATED WITH AIRPORTS.

THEREFORE, THE PROPOSED PROJECT WOULD NOT BE EXPOSED TO EXCESSIVE NOISE LEVELS FROM AIRCRAFT OPERATIONS AND NO IMPACT WOULD OCCUR.

The nearest airport to the project site is the San José International Airport, which is approximately 4.5 miles to the west. The project site is not located within the noise contours of the airport (Santa Clara County Airport Land Use Commission 2011). Therefore, the project would not expose people to excessive noise associated with an airstrip or airport. There would be no impact.

 $^{^3}$ PPVEquipment = PPVRef (25/D)ⁿ (in/sec), PPVRef = reference PPV at 25 feet, D = distance, and n = 1.1

5 Conclusion

Because project construction would generate substantial noise continuing for more than 12 months within 500 feet of a residence or 200 feet of commercial or office use, compliance with the City's Standard Permit Conditions would be required and would reduce impacts to a less-than-significant level.

The project's stationary noise sources (PTAC units) would not exceed City standards at the nearest property lines. Therefore, stationary noise impacts would be less than significant.

Project-generated traffic would increase noise along Alum Rock Avenue by less than 1 dBA. Project related traffic increases would be below the threshold of 3 dBA; therefore, the off-site traffic noise increase would be less than significant.

The project's exterior noise exposure would be considered conditionally acceptable for residential uses. However, the project's noise exposure from traffic at indoor living areas would exceed the City's 45 dBA L_{dn} interior noise standard for units adjacent to Alum Rock Avenue. Implementation of mitigation measure NOI-1, Exterior-to-Interior Noise Level Analysis, would ensure that residential units adjacent to Alum Rock Avenue would comply with the City's interior noise level standard.

The project would generate groundborne vibration during construction, but vibration would not exceed the applicable thresholds at the closest residential structures adjacent to the south. Therefore, construction-related vibration impacts would be less than significant.

The project site is outside the noise contour for the nearest airport, the San José International Airport. The project would not result in impacts from airport noise.

6 References

California Department of Transportation (Caltrans). 2013. <i>Technical Noise Supplement to the Traffic Noise Analysis Protocol</i> . (CT-HWANP-RT-13-069.25.2) September. Available at: http://www.dot.ca.gov/hq/env/noise/pub/TeNS_Sept_2013B.pdf
2019. Caltrans Traffic Counts: Annual Average Daily Traffic (AADT). Available at: https://dot.ca.gov/programs/traffic-operations/census
2020 Transportation and Construction Vibration Guidance Manual. (CT-HWANP-RT-13-069.25.3) September. Available at: http://www.dot.ca.gov/hq/env/noise/pub/TCVGM Sep13 FINAL.pdf
City of San José. 2020. Envision San José 2040. Match 16. Available at: https://www.sanjoseca.gov/home/showdocument?id=22359
2010. Envision San José 2040 General Plan Comprehensive Update Environmental Noise Assessment San José, California. December 7. Available at: https://www.sanjoseca.gov/home/showpublisheddocument?id=22053
Federal Highway Administration (FHWA). 2006. FHWA Highway Construction Noise Handbook. (FHWAHEP-06-015; DOT-VNTSC-FHWA-06-02). Available at: http://www.fhwa.dot.gov/environment/construction_noise/handbook.Accessed November 2018 .
2011. Highway Traffic Noise: Analysis and Abatement Guidance (FHWA-HEP-10-025). Available at: https://www.fhwa.dot.gov/environment/noise/regulations and guidance/analysis and ab atement guidance/revguidance.pdf
2018. Noise Measurement Handbook – Final Report. June 1. Available at: https://www.fhwa.dot.gov/ENVIRonment/noise/measurement/handbook.cfm
Federal Transit Administration (FTA). 2018. <i>Transit Noise and Vibration Impact Assessment</i> . November. Available at: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf
Hexagon Transportation Consultants, Inc. 2021. 2880 Alum Rock Mixed-Use Project Traffic Impact Analysis .
2021. Project Trip Generation Estimates for 2880 Alum Rock Residential Mixed-Use Project. January 28.
Lawrence E. Kinsler and R. Frey, Austin and B. Coppens, Alan and V. Sanders, James. <i>Fundamentals of Acoustics</i> , 4th Edition. ISBN 0-471-84789-5. Wiley-VCH, December 1999.
Malcolm J. Crocker (Editor). 2007. <i>Handbook of Noise and Vibration Control Book</i> , ISBN: 978-0-471-39599-7, Wiley-VCH, October.

Santa Clara County Airport Land Use Commission. 2011. Comprehensive Land Use Plan Santa Clara

County: Noman Y. Mineta San José International Airport. San José, CA.

https://www.sccgov.org/sites/dpd/DocsForms/Documents/ALUC_SJC_CLUP.pdf (accessed September 2019).

Circlepoint 2880 Alum Rock Avenue Mixed-	Use Project	
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Appendix A

Project Plans

PROJECT DESCRIPTION

A 164-UNIT PROJECT CONSISTING OF TWO BUILDINGS:

BUILDING A: 5 STORY TYPE III-A OVER 1-STORY TYPE I PARKING PODIUM AND 2-STORY TYPE I
COMMERCIAL PODIUM AT GRADE

BOILER ROOM

BUILDING B: 5 STORY TYPE III-A OVER 1-STORY TYPE I PARKING PODIUM AT GRADE

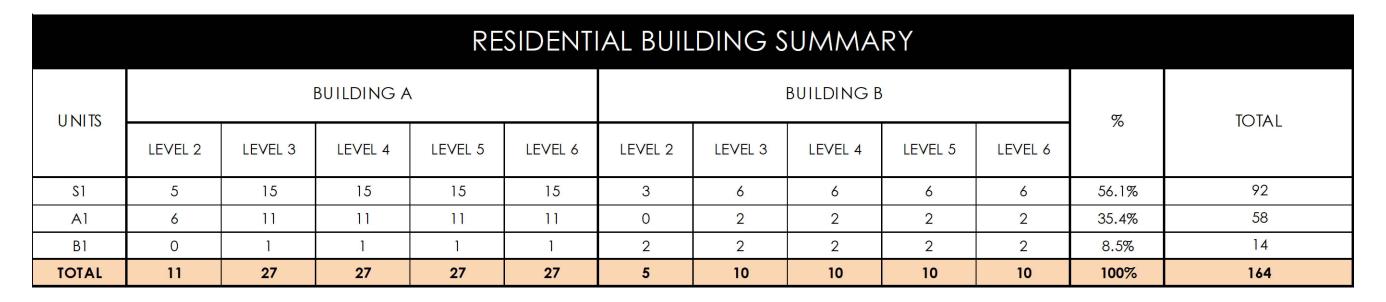
GROSS LAND AREA: 1.32 ACRES

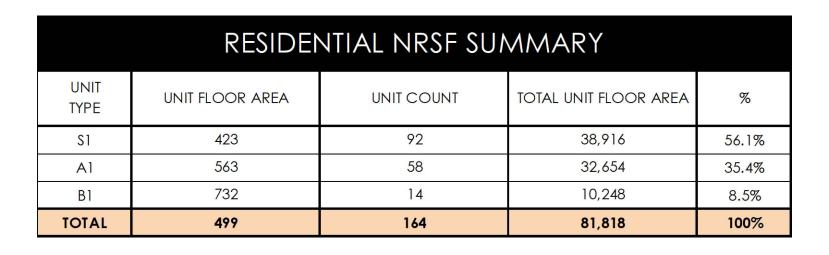
TOTAL UNITS: 164 UNITS

DENSITY: 124.2 DU/AC

BUILDING A

ΈI	PARKIN

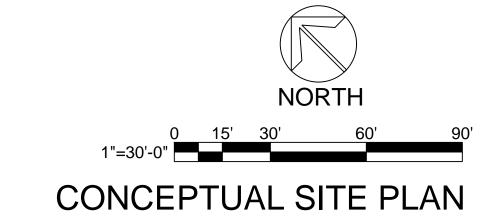




	RESIDENTIA	AL PARKING	
	PARKING	REQUIRED	
UNIT TYPE	UNIT COUNT	REQUIRED PARKING RATIO	STALLS REQUIRED
STUDIO	92	0.5	46
1 BR'S	58	0.5	29
2 BR'S	14	0.5	7
TOTAL	164		
TOTAL STALLS REQUIRED		RATIO: 0.5	82
	PARKING	PROVIDED	
PARKING TYPE			STALLS PROVIDED
standard garage			36
ACCESSIBLE GARAGE			4
standard open			9
ACCESSIBLE OPEN			1
ACCESSIBLE OPEN			I
ACCESSIBLE OPEN COMPACT OPEN			33

COMMERCIAL PAR	KING
PARKING TYPE	STALLS PROVIDED
standard open	9
ACCESSIBLE OPEN	1
COMPACT OPEN	10
MOTORCYCLE GARAGE	3
TOTAL STALLS PROVIDED**	23
** 10% OF TOTAL COMMERCIAL PARKING OR 3 PARKING STALLS A	RE EV

TOTAL STALLS PROVIDED	167	
COMMERCIAL (1 PER 3,000 SQ. FT.)	3	
residential (1 in each unit)	164	
PARKING TYPE	STALLS PROVIDED	
BICYCLE PARKING		



DATE: 01-19-2021

JOB NO.: 2020-325

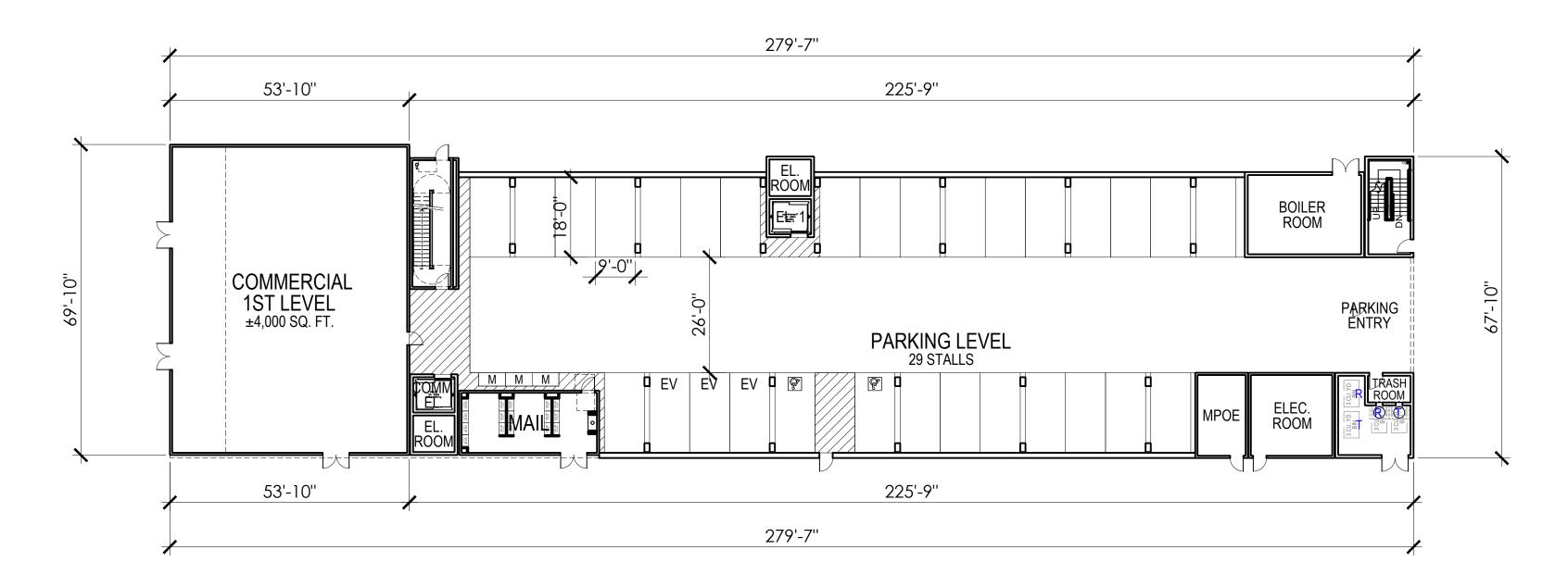
A1.0

2880 ALUM ROCK MIXED USE RESIDENTIAL

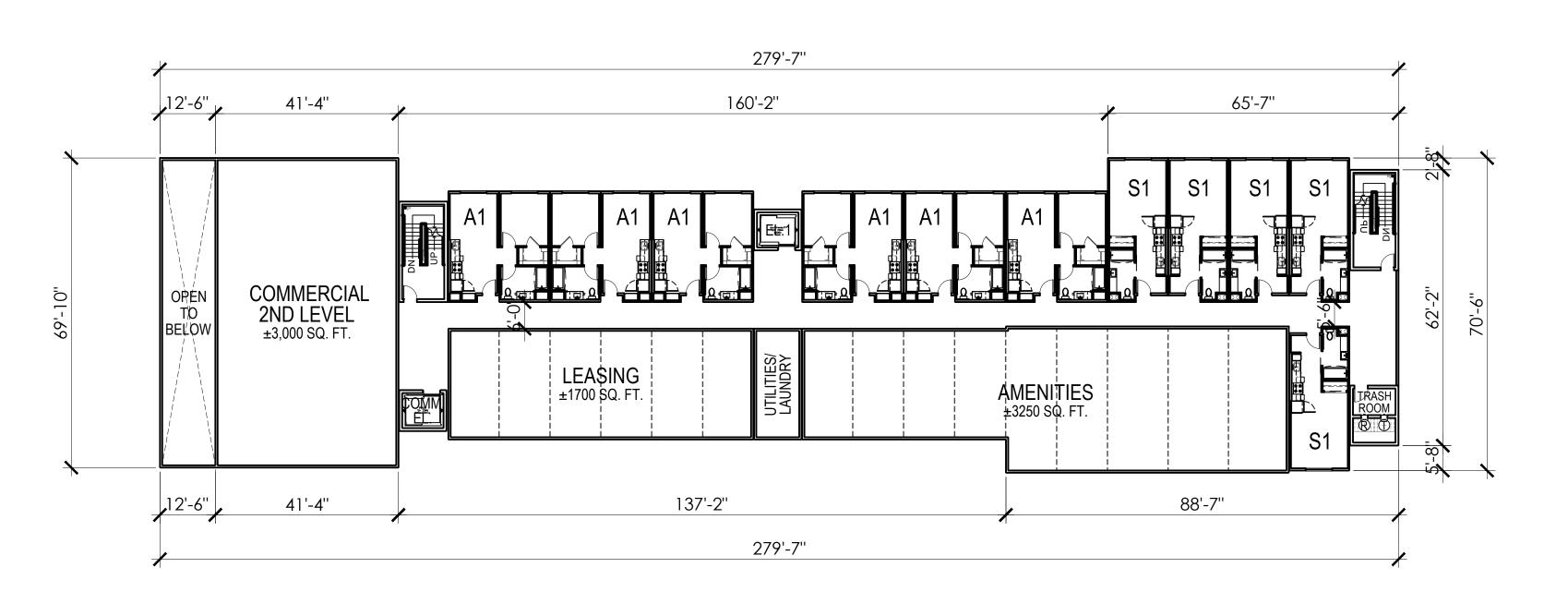
COMMERCIAL 1ST LEVEL ±4,000 SQ. FT.

SAN JOSE, CALIFORNIA

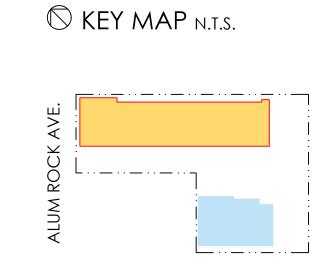


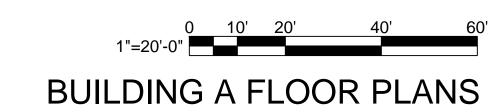


GROUND FLOOR PLAN 1

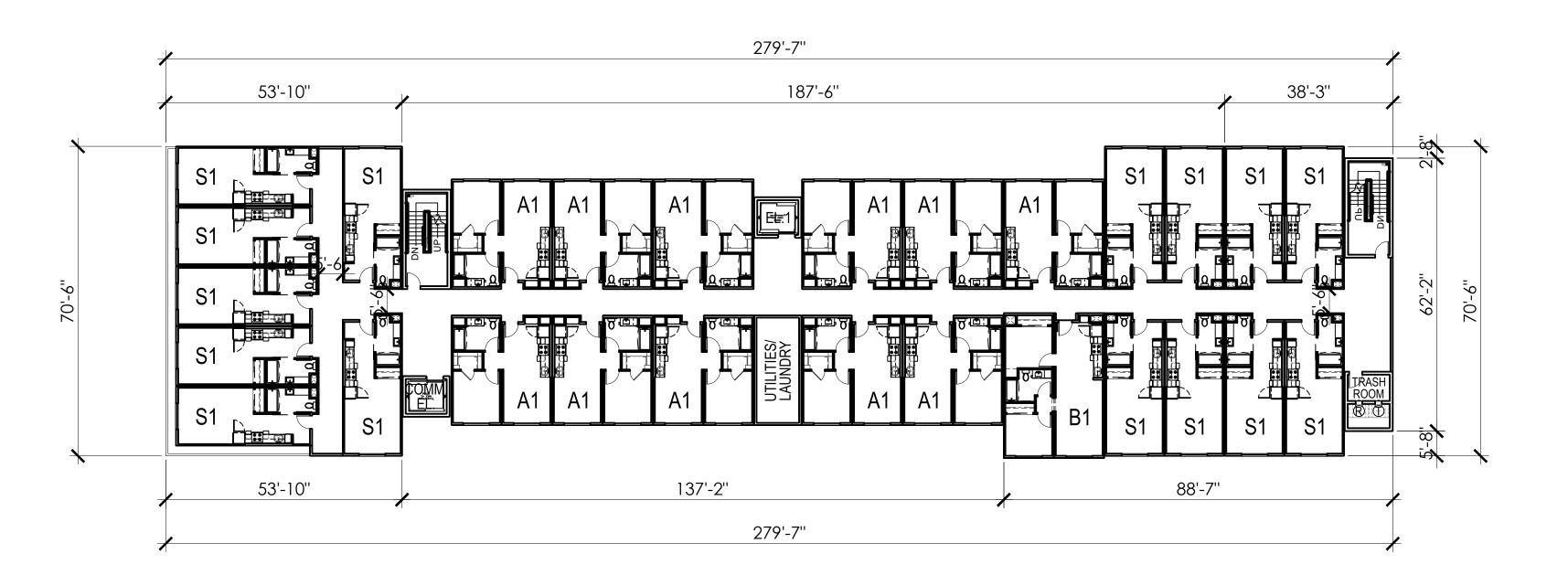


SECOND LEVEL FLOOR PLAN 2

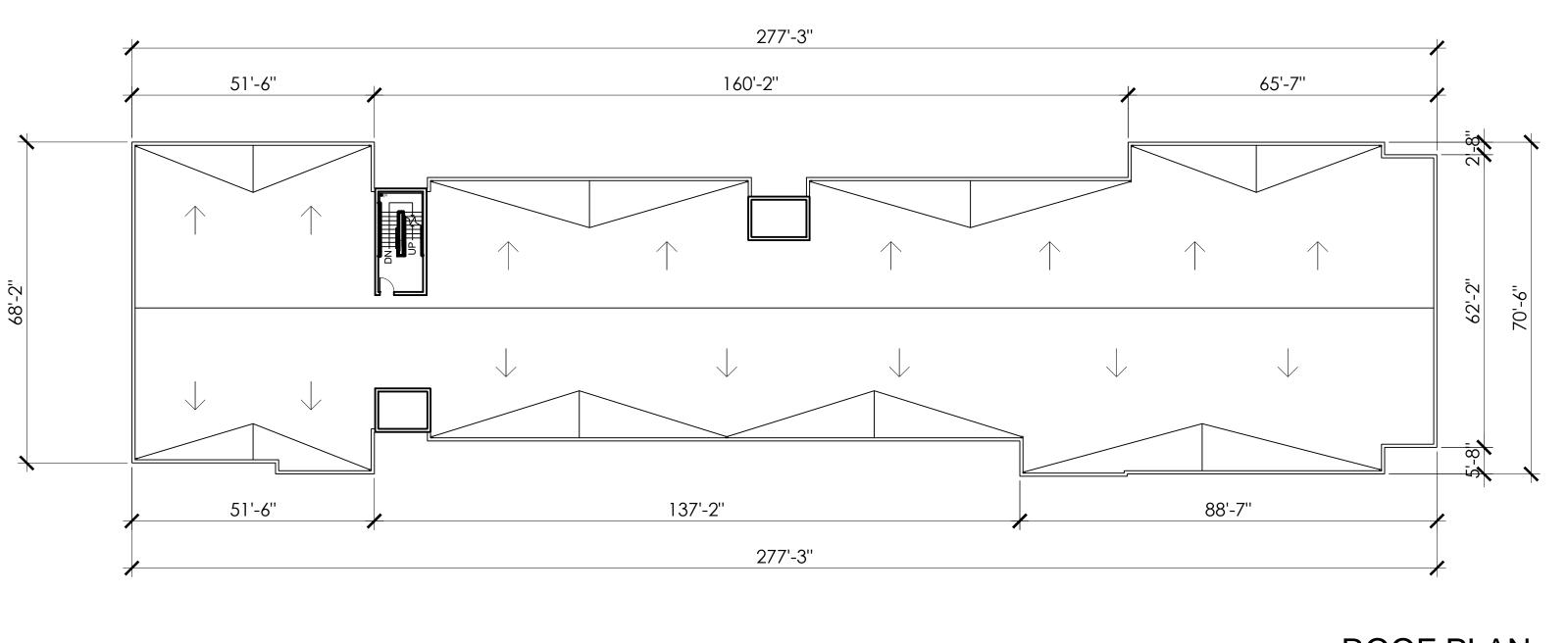




A2.0



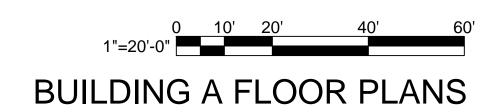
THIRD-SIXTH LEVEL FLOOR PLAN 3



KEY MAP N.T.S.



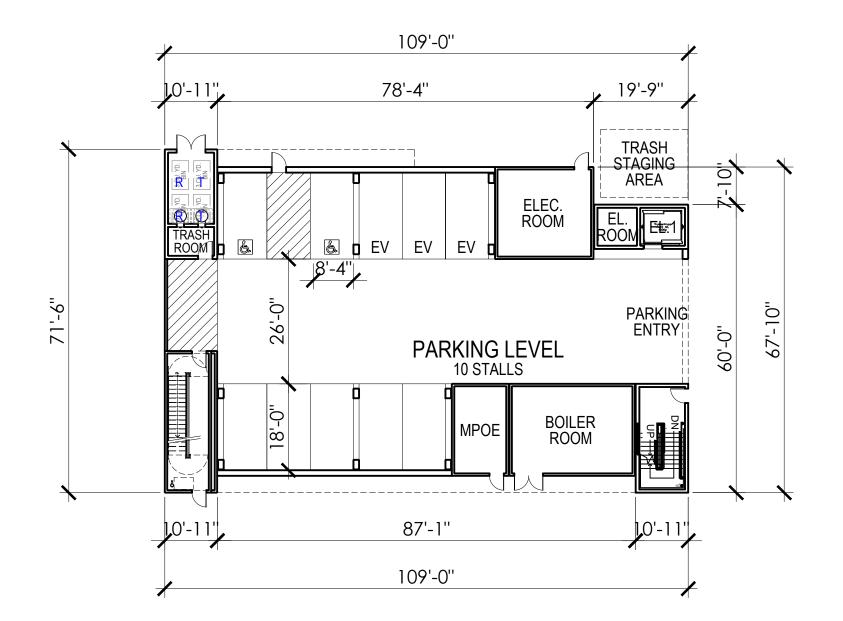
ROOF PLAN 4



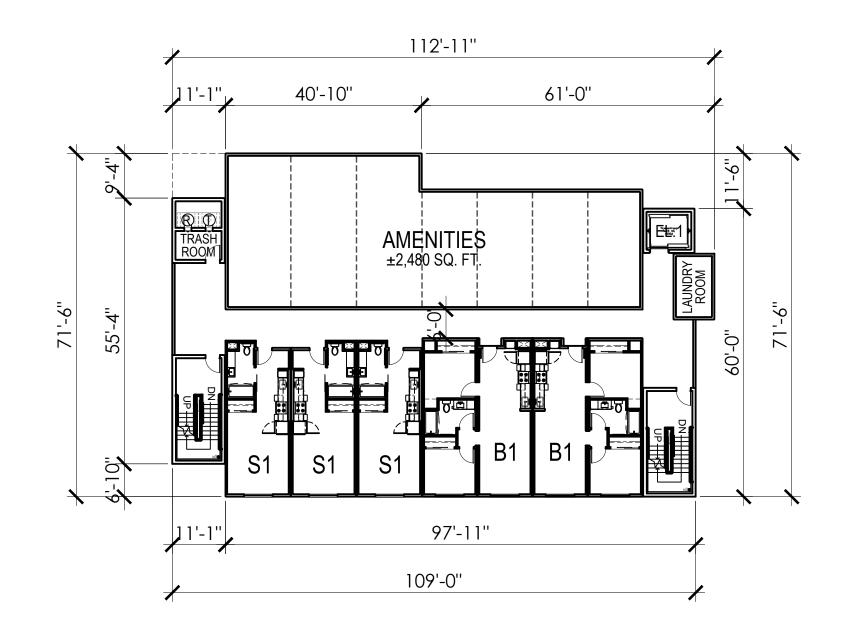
DATE: 01-19-2021

JOB NO.: 2020-325

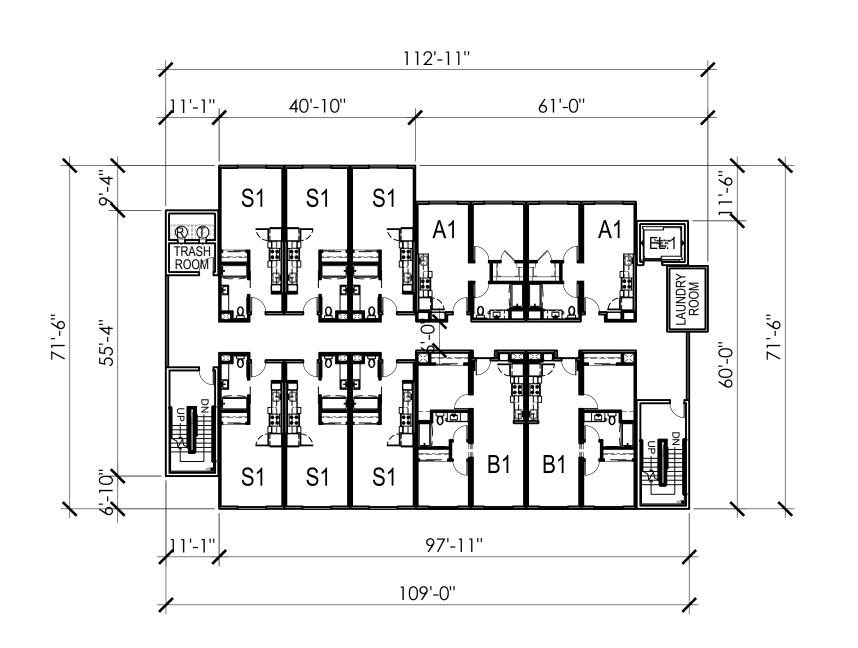
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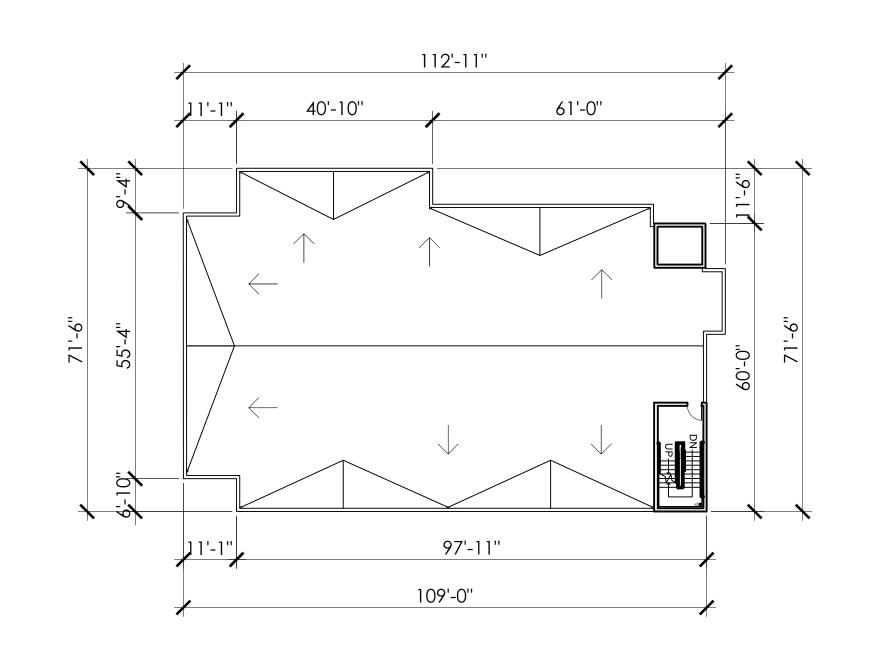
GROUND FLOOR PLAN 1



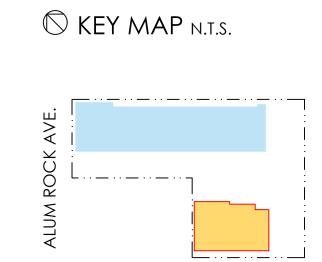
SECOND LEVEL FLOOR PLAN 2

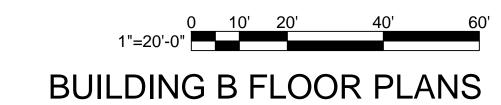


THIRD-SIXTH LEVEL FLOOR PLAN 3



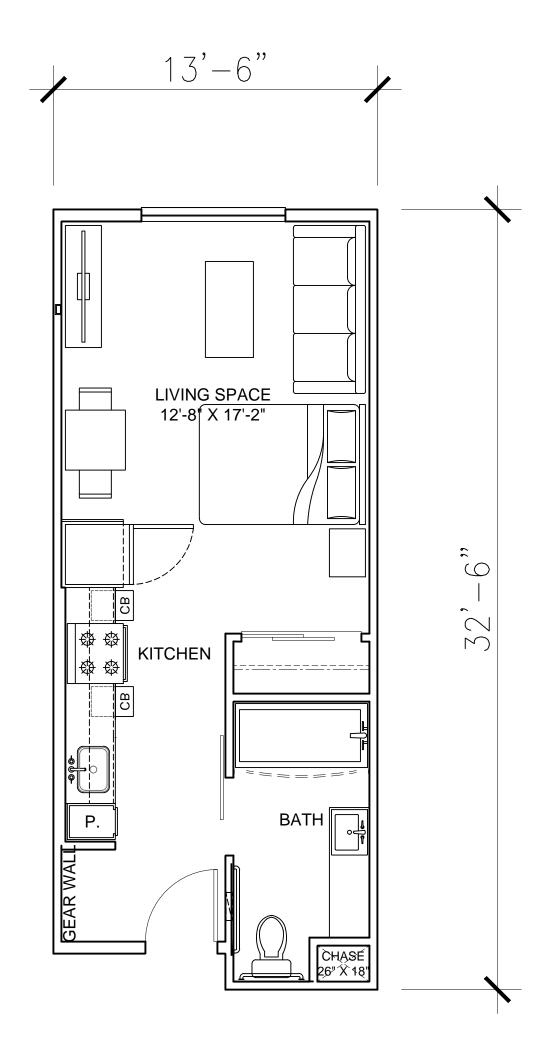
ROOF PLAN 4





A2.2

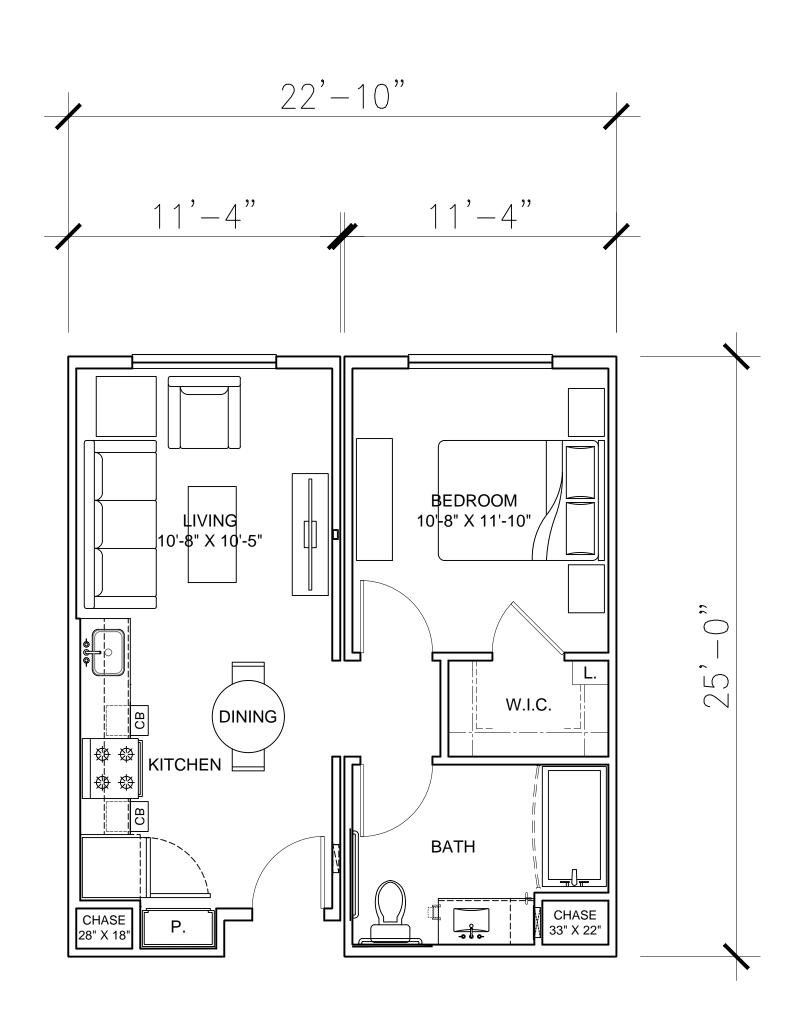
Architecture.
Design.
Relationships.



UNIT S1

STUDIO - 1 BATH

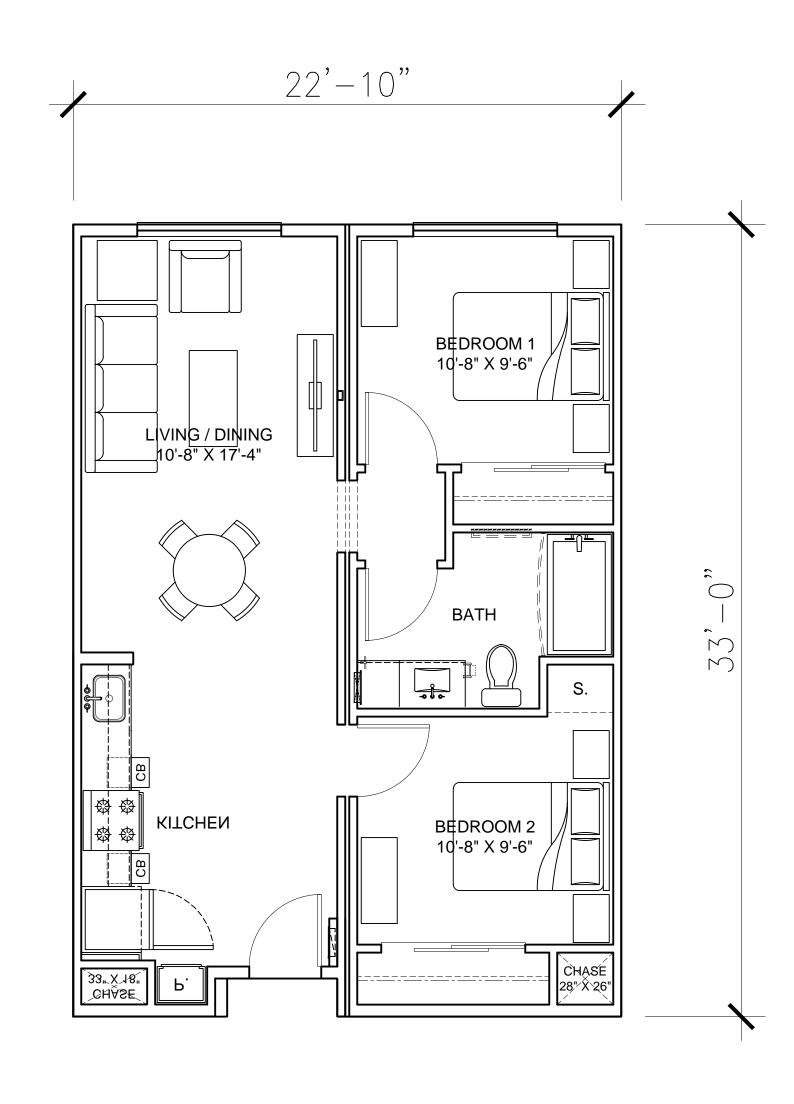
UNIT AREA: 428 SQ. FT.



UNIT A1

1 BED - 1 BATH

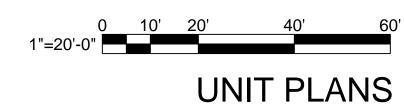
UNIT AREA: 563 SQ. FT.



UNIT B1

2 BED - 1 BATH

UNIT AREA: 732 SQ. FT.



A3.0

Appendix B

Noise Survey Sheets



Ambient Noise Survey Data Sheet

Instructions: Document noise measurement locations with a photo of the site, including the noise meter. Additionally, take notes on general and secondary noise sources, including the instantaneous noise level if possible. As a reminder, A/C weighting should be set to "A", and response time should typically be set to "slow." For additional information, please review the *Noise Measurement Protocols* in the case or on Jive.

Project Name:	Job Number:
Date: 2/16/2	Operator Name: Leshie Trejo
Measurement #1	
Location: 67 #	Begin time: Tinish time: 10.19
Measurement No.: 2 3	Wind (mph): 1, 4 m 2 W Direction: 5
Cloud Cover Class: Overcast (>80%) Light	t (20-80%) Sunny (<20%)
Calibration (dB): Start: 99. End: 95.	
Primary Noise Sources: Takic on Alom	Pock And Distance: ~15 ft away
Secondary Noise Sources:	
Notes: MUSIC man I dling cur 5	south of meter, 12:16 loud explanst, 1000
civery incol were frequent	
Traffic Count: Passenger Cars:	05
Medium Trucks (2 axles, 6 tires):	Heavy Trucks (3+ axles):
Instantaneous Noise Sources/Levels (e.g., airplane, bu	us airbrake, etc.):
Leq: 67.9 SEL: 91.9 Lmax:	74.8 L _{min} : 50.0 PK: 76.5
L(05): L(10): 71.7 L(50):	66.6 L(90): 57.7 L(95): 66.0
Response: Slow Fast Peak	Impulse
Measurement #2	
	Begin time: 12:50
Measurement #2	
Measurement #2 Location: 67#2 Measurement No.:	Begin time: 12:50
Measurement #2 Location: 67#2 Measurement No.:	Begin time: 12'435 Finish time: 12'550 Wind (mph): 1.4 mph Direction: 5 at (20-80%) Sunny (<20%)
Measurement #2 Location: 57 # 2 Measurement No.: Cloud Cover Class: Overcast (>80%) Light	Begin time: 12': 35 Finish time: 12': 57 Wind (mph): 1.4 mph Direction: 5 Sunny (<20%)
Measurement #2 Location: 67 #2 Measurement No.: Cloud Cover Class: Overcast (>80%) Light Calibration (dB): Start: 94.6 End:	Begin time: 12'435 Finish time: 12'550 Wind (mph): 1.4 mph Direction: 5 at (20-80%) Sunny (<20%)
Measurement #2 Location: 87#2 Measurement No.: 4 Cloud Cover Class: Overcast (>80%) Light Calibration (dB): Start: 94.0 End: Primary Noise Sources: 774 Class	Begin time: 12'435 Finish time: 12'550 Wind (mph): 1.4 mph Direction: 5 at (20-80%) Sunny (<20%)
Measurement #2 Location: 67 #2 Measurement No.: 4 Cloud Cover Class: Overcast (>80%) Light Calibration (dB): Start: 94 6 End: Primary Noise Sources: 7 Taffic On Allim Secondary Noise Sources:	Begin time: 12'435 Finish time: 12'550 Wind (mph): 1.4 mph Direction: 5 at (20-80%) Sunny (<20%)
Measurement #2 Location: 67 #2 Measurement No.: 4 Cloud Cover Class: Overcast (>80%) Light Calibration (dB): Start: 94 6 End: Primary Noise Sources: 7 Taffic On Allim Secondary Noise Sources:	Begin time: 12'435 Finish time: 12'550 Wind (mph): 1.4 mph Direction: 5 at (20-80%) Sunny (<20%)
Measurement #2 Location: 67 #2 Measurement No.: 4 Cloud Cover Class: Overcast (>80%) Light Calibration (dB): Start: 94.0 End: Primary Noise Sources: 7 Traffic On Allim Secondary Noise Sources: Notes:	Begin time: 12'435 Finish time: 12'550 Wind (mph): 1.4 mph Direction: 5 at (20-80%) Sunny (<20%)
Measurement #2 Location: 67 #2 Measurement No.: 4 Cloud Cover Class: Overcast (>80%) Light Calibration (dB): Start: 94.0 End: Primary Noise Sources: 7raffic On Allm Secondary Noise Sources: Notes: 1 Traffic Count: Passenger Cars:	Begin time: 12:35 Finish time: 12:50 Wind (mph): 1.4 mph Direction: 5 at (20-80%) Sunny (<20%) Pode has Distance: ~ 150 ft from centerine Heavy Trucks (3+ axles):
Measurement #2 Location: 67 #2 Measurement No.: 4 Cloud Cover Class: Overcast (>80%) Light Calibration (dB): Start: 94.0 End: Primary Noise Sources: 7 affic On Allim Secondary Noise Sources: Notes: Medium Trucks (2 axles, 6 tires):	Begin time: 12:35 Finish time: 12:50 Wind (mph): 1.4 mph Direction: 5 at (20-80%) Sunny (<20%) Pode has Distance: ~ 150 ft from centerine Heavy Trucks (3+ axles):
Measurement #2 Location: 67 #2 Measurement No.: 6 Light Calibration (dB): Start: 94.0 End: 77 Primary Noise Sources: 77 Primary Noise Sources: 77 Primary Noise Sources: Notes: 6 tires): 10 Medium Trucks (2 axles, 6 tires): 10 Instantaneous Noise Sources/Levels (e.g., airplane, but 10 Instantaneous Noise Sources/Levels (e.g., airplane, but 11 Instantaneous Noise Sources/Levels (e.g., airplane, but 12 Instantaneous Noise Sources/Levels (e.g., airplane, but 13 Instantaneous Noise Sources/Levels (e.g., airplane, but 14 Instantaneous Noise Sources/Levels (e.g., airplaneous Noise Sources/Levels (e.g., airplaneous Noise Sources/Levels (e.g., airplaneous Noise Sources/Levels (e.g., air	Begin time: 12:35 Finish time: 12:50 Wind (mph): 1.4 mph Direction: 5 It (20-80%) Sunny (<20%) Rode he Distance: ~ 5D ff from captaline Heavy Trucks (3+ axles):

Freq Weight : A
Time Weight : SLOW
Level Range : 40-100
Max dB : 74.5 - 2021/02/16 12:25:12
Level Range : 40-100
SEL : 97.4
Leq : 67.9

	Leq:	67.9		
_	No.s	Date Time	(dB)	
	123456789011234456789012344567890123345678901123445678901233456789012345678900123456789012345678901234567890123456789012345678901234567890123456789012456789001245678900124567890012456789000000000000000000000000000000000000	2021/02/16 12:13:47 2021/02/16 12:13:50 2021/02/16 12:13:56 2021/02/16 12:13:56 2021/02/16 12:13:59 2021/02/16 12:14:02 2021/02/16 12:14:08 2021/02/16 12:14:08 2021/02/16 12:14:11 2021/02/16 12:14:11 2021/02/16 12:14:11 2021/02/16 12:14:17 2021/02/16 12:14:17 2021/02/16 12:14:20 2021/02/16 12:14:20 2021/02/16 12:14:23 2021/02/16 12:14:29 2021/02/16 12:14:35 2021/02/16 12:14:35 2021/02/16 12:14:35 2021/02/16 12:14:41 2021/02/16 12:14:35 2021/02/16 12:14:41 2021/02/16 12:14:41 2021/02/16 12:14:47 2021/02/16 12:14:47 2021/02/16 12:14:50 2021/02/16 12:14:50 2021/02/16 12:14:50 2021/02/16 12:15:05 2021/02/16 12:15:05 2021/02/16 12:15:05 2021/02/16 12:15:05 2021/02/16 12:15:05 2021/02/16 12:15:11 2021/02/16 12:15:05 2021/02/16 12:15:14 2021/02/16 12:15:15 2021/02/16 12:15:23 2021/02/16 12:15:35 2021/02/16 12:15:35 2021/02/16 12:15:35 2021/02/16 12:15:35 2021/02/16 12:15:35 2021/02/16 12:15:35 2021/02/16 12:15:35 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:53 2021/02/16 12:15:59 2021/02/16 12:16:05 2021/02/16 12:16:05 2021/02/16 12:16:05 2021/02/16 12:16:05 2021/02/16 12:16:35 2021/02/16 12:16:35 2021/02/16 12:16:35 2021/02/16 12:16:50 2021/02/16 12:16:50 2021/02/16 12:17:05 2021/02/16 12:17:05 2021/02/16 12:17:05 2021/02/16 12:17:05 2021/02/16 12:17:38 2021/02/16 12:17:39 2021/02/16 12:17:39 2021/02/16 12:17:59 2021/0	64.9 70.2 70.5 71.1 68.6 67.7 66.7 67.9 66.4 65.0 65.1 68.3 64.4 60.9 59.6 60.2 71.9 69.8 73.3 72.0 70.0 69.3 69.4 71.3 68.8 63.5 65.6 70.5 72.3 72.0 66.5 61.5 63.0 69.7 68.2 65.3 66.1 67.0 62.2 57.8 59.5 68.2 65.3 66.1 67.0 62.2 57.8 59.5 68.2 65.3 66.5 61.2 62.4 63.5 64.1 65.3 66.5 61.2 62.4 64.9 66.8 69.7 70.3 70.0 70.0 70.0 70.0 70.0 70.0 70	

91	2021/02/16	12:18:17	57.7
92 93	2021/02/16 2021/02/16	12:18:17 12:18:20 12:18:23	56.7 56.2
94 95	2021/02/16 2021/02/16	12:18:26 12:18:29 12:18:32	56.7 56.6 57.1
96 97	2021/02/16 2021/02/16	12:18:35	65.7
98 99	2021/02/16 2021/02/16	12:18:38 12:18:41	69.9 66.4
100 101	2021/02/16 2021/02/16	12:18:44	63.6
102 103	2021/02/16 2021/02/16	12:18:47 12:18:50 12:18:53	59.8 57.2
104 105	2021/02/16 2021/02/16	12:18:56	56.4 56.3
106 107	2021/02/16 2021/02/16 2021/02/16	12 • 19 • 02	66.8 59.8 57.2 56.4 56.3 57.5 58.1
108	2021/02/16	12:19:05 12:19:08	57.7
109 110	2021/02/16 2021/02/16	12:19:11 12:19:14	67.3 66.8
111 112	2021/02/16 2021/02/16	12:19:17 12:19:20	70.0 71.2
113 114	2021/02/16 2021/02/16	12.10.26	71.1 72.9
115 116	2021/02/16 2021/02/16	12:19:29 12:19:32 12:19:35	72 2
117 118	2021/02/16 2021/02/16	12:19:35 12:19:38	71.8 72.1 72.3 71.9 70.8 68.2
119 120	2021/02/16 2021/02/16	12:19:38 12:19:41 12:19:44	71.9
121	2021/02/16 2021/02/16 2021/02/16	12:19:47 12:19:50 12:19:53 12:19:56	68.2
122 123 124	2021/02/16	12:19:50	72.0 72.1 67.6
124	2021/02/16 2021/02/16	12:19:56 12:19:59 12:20:02	59.0
125 126 127	2021/02/16 2021/02/16	12:20:02 12:20:05	57.1 62.4
128 129	2021/02/16 2021/02/16	12:20:08 12:20:11	68.2 68.9
130 131	2021/02/16 2021/02/16	12:20:11 12:20:14 12:20:17 12:20:20 12:20:23 12:20:26	68.3 62.6
132 133	2021/02/16 2021/02/16	12:20:17 12:20:20 12:20:23 12:20:26	61.0
134 135	2021/02/16 2021/02/16 2021/02/16	12:20:26 12:20:29	57.0 56.0 56.0
136	2021/02/16	12:20:32	57.0
137 138	2021/02/16 2021/02/16	12:20:35 12:20:38	/1./
139 140	2021/02/16 2021/02/16	12:20:41 12:20:44 12:20:47	71.7 64.3 61.9
141 142	2021/02/16 2021/02/16	12:20:47 12:20:50	58.8 57.7 63.9
143 144	2021/02/16 2021/02/16	12:20:50 12:20:53 12:20:56 12:20:59	63.9 65.6
145 146	2021/02/16 2021/02/16	12:20:59 12:21:02	60.7 66.8
147 148	2021/02/16 2021/02/16	12:21:05	64.7 60.5
149 150	2021/02/16 2021/02/16 2021/02/16	12:21:08 12:21:11 12:21:14	60.8 65.7
151 152	2021/02/16	12:21:17 12:21:20	71.1 72.3
153	2021/02/16 2021/02/16	12 • 21 • 23	71.4
154 155	2021/02/16 2021/02/16	12:21:26 12:21:29	72.3 69.4
156 157	2021/02/16 2021/02/16	12:21:32 12:21:35	72.2 71.7
158 159	2021/02/16 2021/02/16	12:21:38 12:21:41	69.6 68.3
160 161	2021/02/16 2021/02/16	12:21:44 12:21:47	70.2 66.8
162 163	2021/02/16 2021/02/16	12:21:50	63.0
164 165	2021/02/16 2021/02/16	12:21:56	62.5 66.4 64.4
166 167	2021/02/16 2021/02/16	12:22:02	64.7
168	2021/02/16 2021/02/16 2021/02/16	12:22:08	61.4
169 170	2021/02/16	12:22:11	62.7 66.5
171 172	2021/02/16 2021/02/16	12:22:17	67.2 68.5
173 174	2021/02/16 2021/02/16	12:22:23 12:22:26	69.0 68.5
175 176	2021/02/16 2021/02/16	12:22:29 12:22:32	66.8 63.4
177 178	2021/02/16 2021/02/16	12:21:32 12:21:35 12:21:44 12:21:47 12:21:50 12:21:53 12:21:59 12:22:05 12:22:05 12:22:11 12:22:14 12:22:17 12:22:14 12:22:14 12:22:23 12:22:23 12:22:23 12:22:23 12:22:24 12:22:44 12:22:47 12:22:47 12:22:59 12:22:59	59.6 58.3
179 180	2021/02/16 2021/02/16	12:22:41 12:22:44	66.6 70.4
181 182	2021/02/16 2021/02/16 2021/02/16	12:22:47	70.1 70.4
183 184	2021/02/16	12:22:53	72.1
185	2021/02/16 2021/02/16	12:22:59	70.1 69.0
186 187	2021/02/16 2021/02/16	12:23:02	67.9 61.6
188 189	2021/02/16 2021/02/16	12:23:08 12:23:11	58.5 64.3 67.7
190 191	2021/02/16 2021/02/16	12:22:39 12:23:02 12:23:05 12:23:11 12:23:14 12:23:17 12:23:20	60.2
192 193	2021/02/16 2021/02/16	12:23:17 12:23:20 12:23:23 12:23:26	57.1 61.0
194	2021/02/16	12:23:26	66.2

195 2021/02/16 12:23:32 66.6 197 2021/02/16 12:23:35 71.4 198 2021/02/16 12:23:35 71.4 198 2021/02/16 12:23:41 69.1 200 2021/02/16 12:23:41 65.0 201 2021/02/16 12:23:44 65.0 201 2021/02/16 12:23:44 65.0 201 2021/02/16 12:23:44 65.0 202 2021/02/16 12:23:50 62.8 203 2021/02/16 12:23:50 63.0 204 2021/02/16 12:23:50 67.7 205 2021/02/16 12:23:55 67.7 205 2021/02/16 12:23:56 67.7 205 2021/02/16 12:24:02 66.6 207 2021/02/16 12:24:05 58.8 208 2021/02/16 12:24:05 68.8 208 2021/02/16 12:24:10 66.9 207 2021/02/16 12:24:11 66.9 210 2021/02/16 12:24:11 66.9 210 2021/02/16 12:24:17 61.4 211 2021/02/16 12:24:23 59.4 214 2021/02/16 12:24:23 59.4 214 2021/02/16 12:24:23 59.4 215 2021/02/16 12:24:35 51.2 218 2021/02/16 12:24:35 51.2 218 2021/02/16 12:24:35 51.2 218 2021/02/16 12:24:35 51.2 218 2021/02/16 12:24:44 53.6 221 2021/02/16 12:24:44 53.6 221 2021/02/16 12:24:44 53.6 221 2021/02/16 12:24:44 53.6 221 2021/02/16 12:24:44 53.6 221 2021/02/16 12:24:47 53.2 218 2021/02/16 12:24:44 53.6 221 2021/02/16 12:24:50 59.3 216 2021/02/16 12:24:50 59.3 222 2021/02/16 12:24:50 59.3 223 2021/02/16 12:24:50 59.3 224 2021/02/16 12:24:50 59.3 225 2021/02/16 12:25:05 77.0 227 2021/02/16 12:25:05 77.0 227 2021/02/16 12:25:07 77.0 227 2021/02/16 12:25:17 71.8 232 2021/02/16 12:25:17 71.8 233 2021/02/16 12:25:17 71.8 233 2021/02/16 12:25:17 71.8 234 2021/02/16 12:25:14 71.8 235 2021/02/16 12:25:26 69.5 236 2021/02/16 12:25:37 70.4 237 2021/02/16 12:25:37 70.4 238 2021/02/16 12:25:37 70.4 239 2021/02/16 12:25:17 71.8 231 2021/02/16 12:25:17 71.8 232 2021/02/16 12:25:27 70.0 237 2021/02/16 12:25:37 70.4 234 2021/02/16 12:25:37 70.4 235 2021/02/16 12:25:37 70.4 236 2021/02/16 12:25:37 70.4 237 2021/02/16 12:25:38 70.4 248 2021/02/16 12:25:39 70.5 236 2021/02/16 12:25:39 70.6 237 2021/02/16 12:25:39 70.8 239 2021/02/16 12:25:39 70.8 240 2021/02/16 12:25:39 70.8 241 2021/02/16 12:25:39 70.8 242 2021/02/16 12:25:39 70.8 243 2021/02/16 12:25:39 70.8 244 2021/02/16 12:25:39 70.8 245 2021/02/16 12:25:39 70.8 246 2021/02/16 12:25:39 70.8 247 2021/02/16 1	195	2021/02/16	12:23:29	68.1
208 2021/02/16 12:24:08 61.4 209 2021/02/16 12:24:14 66.9 210 2021/02/16 12:24:14 61.4 211 2021/02/16 12:24:17 61.4 212 2021/02/16 12:24:23 59.4 213 2021/02/16 12:24:28 59.4 214 2021/02/16 12:24:29 59.3 216 2021/02/16 12:24:29 59.3 216 2021/02/16 12:24:35 51.2 218 2021/02/16 12:24:35 51.3 217 2021/02/16 12:24:35 51.3 219 2021/02/16 12:24:41 53.4 220 2021/02/16 12:24:44 53.6 221 2021/02/16 12:24:44 53.6 221 2021/02/16 12:24:45 51.2 222 2021/02/16 12:24:45 51.2 223 2021/02/16 12:24:45 51.2 224 2021/02/16 12:24:50 51.4 223 2021/02/16 12:24:50 63.4 224 2021/02/16 12:24:50 63.4 225 2021/02/16 12:24:50 63.4 225 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:05 72.0 228 2021/02/16 12:25:07 71.1 232 2021/02/16 12:25:14 71.8 231 2021/02/16 12:25:27 71.6 233 2021/02/16 12:25:27 71.6 234 2021/02/16 12:25:27 71.6 235 2021/02/16 12:25:37 70.4 234 2021/02/16 12:25:38 71.8 239 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 238 2021/02/16 12:25:35 71.6 239 2021/02/16 12:25:35 71.6 244 2021/02/16 12:25:35 71.6 252 2021/02/16 12:25:35 71.6 263 2021/02/16 12:25:35 71.6 264 2021/02/16 12:25:35 71.6 275 2021/02/16 12:25:35 71.6 287 2021/02/16 12:25:35 71.6 288 2021/02/16 12:25:35 71.6 288 2021/02/16 12:25:35 71.7 287 2021/02/16 12:26:37 72.7 277 2021/02/16 12:27:35 66.8 289 2021/02/16 12:27:35 66.8 280 2021/02/16 1	196	2021/02/16	12:23:32	67.6
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286 2021/02/16 12:28:02 69.6 287 2021/02/16 12:28:05 70.6 288 2021/02/16 12:28:18 65.8 289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	274	2021/02/16	12:27:26	69.7
286 2021/02/16 12:28:02 69.6 287 2021/02/16 12:28:05 70.6 288 2021/02/16 12:28:18 65.8 289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	275 276	2021/02/16	12:27:29 12:27:32	72.4 72.7
286 2021/02/16 12:28:02 69.6 287 2021/02/16 12:28:05 70.6 288 2021/02/16 12:28:18 65.8 289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	277	2021/02/16	12:27:35	70.5
286 2021/02/16 12:28:02 69.6 287 2021/02/16 12:28:05 70.6 288 2021/02/16 12:28:18 65.8 289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	278 279	2021/02/16	12:27:38	67.5 67.3
286 2021/02/16 12:28:02 69.6 287 2021/02/16 12:28:05 70.6 288 2021/02/16 12:28:18 65.8 289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	280	2021/02/16	12:27:44	71.0
286 2021/02/16 12:28:02 69.6 287 2021/02/16 12:28:05 70.6 288 2021/02/16 12:28:18 65.8 289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	281 282	2021/02/16	12:27:47	70.1 70.2
286 2021/02/16 12:28:02 69.6 287 2021/02/16 12:28:05 70.6 288 2021/02/16 12:28:18 65.8 289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	283	2021/02/16	12:27:53	66.8
286 2021/02/16 12:28:02 69.6 287 2021/02/16 12:28:05 70.6 288 2021/02/16 12:28:18 65.8 289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	284 285	2021/02/16 2021/02/16	12:27:56 12:27:59	66.9 71 1
289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	286	2021/02/16	12:28:02	69.6
289 2021/02/16 12:28:11 69.3 290 2021/02/16 12:28:14 68.5 291 2021/02/16 12:28:17 66.1 292 2021/02/16 12:28:20 63.0 293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	287 288	2021/02/16 2021/02/16	12:28:05	/ሀ.6 65 ጾ
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293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	291	2021/02/16 2021/02/16	12:28:14 12:28:17	68.5 66.1
293 2021/02/16 12:28:23 69.7 294 2021/02/16 12:28:26 64.6 295 2021/02/16 12:28:29 65.1 296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	292	2021/02/16	12:28:20	63.0
296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	293 294	2021/02/16 2021/02/16	12:28:23	69.7 64.6
296 2021/02/16 12:28:32 68.8 297 2021/02/16 12:28:35 71.3	295	2021/02/16	12:28:29	65.1
298 2021/02/16 12:28:38 67.7		2021/02/16 2021/02/16	12:28:32	68.8 71.3
		2021/02/16	12:28:38	

62.2 58.4 -----

Freq Weight : A Time Weight : SLOW Level Range : 40-100 Max dB : 67.5 - 2021/02/16 12:41:06 Level Range : 40-100 SEL : 88.1 Leq : 58.6

Leq :	58.6		
No.s	Date Time	(dB)	
No 12345678901123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890	Date Time	0 - 7 2 1 9 7 3 1 9 8 6 8 8 4 3 6 1 5 0 7 4 3 4 2 4 1 3 6 6 9 7 8 4 8 3 8 2 9 4 3 3 5 3 2 8 2 2 8 4 9 4 6 5 8 2 1 8 5 3 4 6 4 6 3 9 1 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	

91	2021/02/16	12:40:02 12:40:05	58.7 56.8
92 93 94	2021/02/16 2021/02/16	12:40:08	56.7
95 96	2021/02/16 2021/02/16 2021/02/16	12:40:11 12:40:14 12:40:17	57.6 58.6 57.0
97 98	2021/02/16	12:40:20	58.5
99	2021/02/16 2021/02/16 2021/02/16	12:40:23 12:40:26	61.1
100 101 102	2021/02/16 2021/02/16 2021/02/16	12:40:29 12:40:32 12:40:35	60.3 60.0
102 103 104	2021/02/16 2021/02/16 2021/02/16	12:40:38	61.0 60.9 58.8
105	2021/02/16 2021/02/16 2021/02/16	12:40:41 12:40:44 12:40:47	56.3 56.0
106 107	2021/02/16	12:40:50 12:40:53	55.9 55.7 57.0
108 109 110	2021/02/16 2021/02/16	12:40:56	57.0 60.1
111	2021/02/16 2021/02/16 2021/02/16	12:40:59 12:41:02 12:41:05	64.7 65.0
112 113 114	2021/02/16 2021/02/16 2021/02/16	12:41:08 12:41:11	60.5
115 116	2021/02/16 2021/02/16 2021/02/16	12 • 41 • 14	61.2 61.4 60.5
117 118	2021/02/16 2021/02/16 2021/02/16	12:41:17 12:41:20 12:41:23	61.1 61.0
119 120	2021/02/16 2021/02/16 2021/02/16	12:41:26 12:41:29	57.5 56.0
121 122	2021/02/16 2021/02/16 2021/02/16	17.41.37	54.3
123 124	2021/02/16 2021/02/16 2021/02/16	12:41:35 12:41:38 12:41:41	52.9 55.1 58.8
125 126	2021/02/16	12:41:44	60.0
127	2021/02/16 2021/02/16	12:41:41 12:41:44 12:41:47 12:41:50 12:41:53	60.4
128 129 130	2021/02/16 2021/02/16 2021/02/16	12:41:56	59.9 59.5 56.3
131 132	2021/02/16	12:41:56 12:41:59 12:42:02	52.8
133 134	2021/02/16 2021/02/16 2021/02/16	12:42:05 12:42:08 12:42:11	53.9 54.9 56.4
135	2021/02/16 2021/02/16 2021/02/16	12:42:11	56.7 61.0
136 137 138	2021/02/16 2021/02/16 2021/02/16	12:42:14 12:42:17 12:42:20 12:42:23	60.7
139	2021/02/16 2021/02/16 2021/02/16	12:42:23 12:42:26 12:42:29 12:42:32	58.0 57.9
140 141 142	2021/02/16	12:42:32	58.4 60.4
142 143 144	2021/02/16 2021/02/16 2021/02/16	12:42:35 12:42:38 12:42:41	59.8 60.2
145	2021/02/16 2021/02/16 2021/02/16	12:42:44	58.0
146 147 148	2021/02/16	12:42:47 12:42:50	57.6 59.6 61.7
149 150	2021/02/16 2021/02/16 2021/02/16	12:42:53 12:42:56 12:42:59	60.3
151 152	2021/02/16 2021/02/16 2021/02/16	12:42:39 12:43:02 12:43:05	57.2 57.0 60.5
153 154	2021/02/16 2021/02/16 2021/02/16	12:43:08	60.1
155 156	2021/02/16 2021/02/16 2021/02/16	12:43:11 12:43:14 12:43:17	57.3 56.0 53.8
157 158	2021/02/16	12:43:20 12:43:23	54.7 55.5 54.3
159 160	2021/02/16 2021/02/16 2021/02/16	12 • 12 • 26	54.3
161 162	2021/02/16 2021/02/16 2021/02/16	12:43:20 12:43:32 12:43:35 12:43:38 12:43:41	59.7 59.6
163 164	2021/02/16 2021/02/16 2021/02/16	12:43:38	59.9 55.1
165 166	2021/02/16 2021/02/16 2021/02/16	1/:43:44	53.1
167 168	2021/02/16 2021/02/16 2021/02/16	12:43:47 12:43:50 12:43:53	55.6 59.7 59.6 59.1 53.1 52.3 50.4 53.0 52.2
169 170	2021/02/16 2021/02/16 2021/02/16	12:43:56 12:43:59 12:44:02	53.0
171 172	2021/02/16 2021/02/16	12:44:02	54.9 52.3
173 174	2021/02/16 2021/02/16	12:44:05 12:44:08 12:44:11	50.6 50.7
175 176	2021/02/16 2021/02/16	12:44:14	51.7 53.3
177 178	2021/02/16 2021/02/16	12:44:17 12:44:20 12:44:23	54.8 54.6
179 180	2021/02/16 2021/02/16	12:44:26 12:44:29 12:44:32	51.1 49.8
181 182	2021/02/16 2021/02/16	12:44:35	49.4 49.3
183 184	2021/02/16 2021/02/16 2021/02/16	12:44:38 12:44:41	49.5 51.8
185 186	2021/02/16 2021/02/16 2021/02/16	12:44:44	56.8 59.8
187 188	2021/02/16 2021/02/16 2021/02/16	12:44:47 12:44:50 12:44:53	61.0 60.9
189 190	2021/02/16 2021/02/16 2021/02/16	12:44:56 12:44:59	61.4 62.6
191 192	2021/02/16 2021/02/16 2021/02/16	12:45:02 12:45:05	63.7 63.6
193 194	2021/02/16 2021/02/16	12:45:08 12:45:11	60.8 60.2
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195 2021/02/16 12:45:14	195	2021/02/16	12:45:14	57.8
204 2021/02/16 12:45:44 59.4 206 2021/02/16 12:45:45 60.4 208 2021/02/16 12:45:50 65.4 208 2021/02/16 12:45:50 59.5 209 2021/02/16 12:45:50 59.5 210 2021/02/16 12:45:59 62.8 211 2021/02/16 12:45:59 62.8 212 2021/02/16 12:46:05 63.7 213 2021/02/16 12:46:05 63.7 213 2021/02/16 12:46:08 60.3 214 2021/02/16 12:46:08 60.3 215 2021/02/16 12:46:14 58.8 216 2021/02/16 12:46:14 58.8 217 2021/02/16 12:46:14 58.8 218 2021/02/16 12:46:20 59.7 218 2021/02/16 12:46:20 59.7 218 2021/02/16 12:46:20 59.7 218 2021/02/16 12:46:20 59.7 218 2021/02/16 12:46:23 60.8 219 2021/02/16 12:46:23 57.6 220 2021/02/16 12:46:35 56.1 223 2021/02/16 12:46:35 56.1 223 2021/02/16 12:46:46:35 56.1 223 2021/02/16 12:46:46:41 59.2 222 2021/02/16 12:46:46:41 59.2 222 2021/02/16 12:46:46:41 59.2 222 2021/02/16 12:46:46:41 59.2 223 2021/02/16 12:46:46:40 58.2 224 2021/02/16 12:46:46:40 59.1 225 2021/02/16 12:46:50 59.1 228 2021/02/16 12:46:50 59.1 228 2021/02/16 12:46:50 59.1 228 2021/02/16 12:46:50 59.7 231 2021/02/16 12:46:50 59.7 231 2021/02/16 12:47:05 60.5 233 2021/02/16 12:47:05 60.5 233 2021/02/16 12:47:05 60.3 234 2021/02/16 12:47:05 60.3 234 2021/02/16 12:47:05 60.3 234 2021/02/16 12:47:05 60.3 235 2021/02/16 12:47:05 60.3 236 2021/02/16 12:47:05 60.3 237 2021/02/16 12:47:05 60.3 238 2021/02/16 12:47:05 60.3 239 2021/02/16 12:47:05 60.3 231 2021/02/16 12:47:05 60.3 232 2021/02/16 12:47:05 60.3 233 2021/02/16 12:47:05 60.3 234 2021/02/16 12:47:05 60.3 235 2021/02/16 12:47:05 60.3 236 2021/02/16 12:47:05 60.3 237 2021/02/16 12:47:05 60.3 238 2021/02/16 12:47:05 60.3 239 2021/02/16 12:47:05 60.3 240 2021/02/16 12:47:05 60.3 241 2021/02/16 12:47:05 60.3 242 2021/02/16 12:47:05 60.3 243 2021/02/16 12:47:05 60.3 244 2021/02/16 12:47:05 60.3 245 2021/02/16 12:47:05 60.3 246 2021/02/16 12:47:26 55.8 247 2021/02/16 12:47:26 55.8 248 2021/02/16 12:47:26 55.8 249 2021/02/16 12:47:35 56.4 240 2021/02/16 12:47:35 56.4 241 2021/02/16 12:47:35 56.4 242 2021/02/16 12:48:05 55.3 243 2021/02/16 12:48:05 55.3 244 2021/02/16 12:48:05 55.3 245 2021/02/16 12:48:05	196	2021/02/16	12:45:17	58.6
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271 2021/02/16 12:49:05 57.1 273 2021/02/16 12:49:08 56.0 274 2021/02/16 12:49:11 56.6 275 2021/02/16 12:49:11 56.6 275 2021/02/16 12:49:17 56.1 277 2021/02/16 12:49:17 56.1 277 2021/02/16 12:49:20 56.2 278 2021/02/16 12:49:20 56.2 278 2021/02/16 12:49:23 60.5 279 2021/02/16 12:49:26 56.3 280 2021/02/16 12:49:25 54.7 281 2021/02/16 12:49:35 54.9 282 2021/02/16 12:49:35 54.9 283 2021/02/16 12:49:35 54.9 283 2021/02/16 12:49:41 56.8 284 2021/02/16 12:49:41 56.8 285 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:50 55.8 288 2021/02/16 12:49:50 55.8 289 2021/02/16 12:49:50 55.8 289 2021/02/16 12:49:50 55.8 290 2021/02/16 12:49:50 55.8 291 2021/02/16 12:49:50 55.8 292 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:11 58.7 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8	269	2021/02/16	12:48:56	57.2
277 2021/02/16 12:49:20 56.2 278 2021/02/16 12:49:23 60.5 279 2021/02/16 12:49:26 56.3 280 2021/02/16 12:49:32 55.7 281 2021/02/16 12:49:35 54.9 282 2021/02/16 12:49:35 54.9 283 2021/02/16 12:49:35 54.9 284 2021/02/16 12:49:41 56.8 285 2021/02/16 12:49:41 56.8 286 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:50 55.8 288 2021/02/16 12:49:50 55.8 288 2021/02/16 12:49:50 55.8 289 2021/02/16 12:49:50 55.8 290 2021/02/16 12:49:50 57.8 291 2021/02/16 12:49:50 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:11 58.7 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8	271	2021/02/16	12:49:02	58.9
277 2021/02/16 12:49:20 56.2 278 2021/02/16 12:49:23 60.5 279 2021/02/16 12:49:26 56.3 280 2021/02/16 12:49:32 55.7 281 2021/02/16 12:49:35 54.9 282 2021/02/16 12:49:35 54.9 283 2021/02/16 12:49:35 54.9 284 2021/02/16 12:49:41 56.8 285 2021/02/16 12:49:41 56.8 286 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:50 55.8 288 2021/02/16 12:49:50 55.8 288 2021/02/16 12:49:50 55.8 289 2021/02/16 12:49:50 55.8 290 2021/02/16 12:49:50 57.8 291 2021/02/16 12:49:50 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:11 58.7 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8	272	2021/02/16	12:49:05	57.1
277 2021/02/16 12:49:20 56.2 278 2021/02/16 12:49:23 60.5 279 2021/02/16 12:49:26 56.3 280 2021/02/16 12:49:32 55.7 281 2021/02/16 12:49:35 54.9 282 2021/02/16 12:49:35 54.9 283 2021/02/16 12:49:35 54.9 284 2021/02/16 12:49:41 56.8 285 2021/02/16 12:49:41 56.8 286 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:50 55.8 288 2021/02/16 12:49:50 55.8 288 2021/02/16 12:49:50 55.8 289 2021/02/16 12:49:50 55.8 290 2021/02/16 12:49:50 57.8 291 2021/02/16 12:49:50 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:11 58.7 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8	273	2021/02/16	12:49:08	56.6
277 2021/02/16 12:49:20 56.2 278 2021/02/16 12:49:23 60.5 279 2021/02/16 12:49:26 56.3 280 2021/02/16 12:49:32 55.7 281 2021/02/16 12:49:35 54.9 282 2021/02/16 12:49:35 54.9 283 2021/02/16 12:49:35 54.9 284 2021/02/16 12:49:41 56.8 285 2021/02/16 12:49:41 56.8 286 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:47 57.6 287 2021/02/16 12:49:50 55.8 288 2021/02/16 12:49:50 55.8 288 2021/02/16 12:49:50 55.8 289 2021/02/16 12:49:50 55.8 290 2021/02/16 12:49:50 57.8 291 2021/02/16 12:49:50 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:11 58.7 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:17 52.8	275	2021/02/16	12:49:14	56.9
279	276 277	2021/02/16	12:49:17	56.1 56.2
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290 2021/02/16 12:49:59 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:08 56.6 294 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:14 55.0 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7	281	2021/02/16	12:49:32	55.7
290 2021/02/16 12:49:59 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:08 56.6 294 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:14 55.0 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7	282	2021/02/16	12:49:35	54.9
290 2021/02/16 12:49:59 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:08 56.6 294 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:14 55.0 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7	∠ŏ3 284	2021/02/16	12:49:38 12:49:41	56.8
290 2021/02/16 12:49:59 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:08 56.6 294 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:14 55.0 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7	285	2021/02/16	12:49:44	56.3
290 2021/02/16 12:49:59 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:08 56.6 294 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:14 55.0 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7	286 287		12:49:47 12:49:50	57.6 55.8
290 2021/02/16 12:49:59 58.8 291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:08 56.6 294 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:14 55.0 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7	288	2021/02/16	12:49:53	54.8
291 2021/02/16 12:50:02 60.5 292 2021/02/16 12:50:05 58.1 293 2021/02/16 12:50:08 56.6 294 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:14 55.0 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7 298 2021/02/16 12:50:23 55.3	289	2021/02/16	12:49:56	5/.8
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294 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:11 58.7 295 2021/02/16 12:50:14 55.0 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7 298 2021/02/16 12:50:23 55.3	292	2021/02/16	12:50:05	58.1
295 2021/02/16 12:50:14 55.0 296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7 298 2021/02/16 12:50:23 55.3	294	2021/02/16	12:50:08	58.7
296 2021/02/16 12:50:17 52.8 297 2021/02/16 12:50:20 54.7 298 2021/02/16 12:50:23 55.3	295	2021/02/16	12:50:14	55.0
298 2021/02/16 12:50:23 55.3	296 297	2021/02/16	12:50:1/ 12:50:20	54.7
		2021/02/16	12:50:23	55.3

53.7 53.7 ----

Freq Weight: A Time Weight: SLOW Level Range: 40-100 Max dB: 95.5 - 2021/02/17 08:17:58 Level Range: 40-100 SEL: 119.3 Leq: 70.0

Leq:	70.0		
No.s	Date Time	(dB)	
1234567890112344567890112334456789011233445678901123344567890112334456789012333333333333333333333333333333333333	2021/02/16 13:03:19 2021/02/16 13:07:19 2021/02/16 13:11:19 2021/02/16 13:15:19 2021/02/16 13:23:19 2021/02/16 13:23:19 2021/02/16 13:35:19 2021/02/16 13:35:19 2021/02/16 13:35:19 2021/02/16 13:35:19 2021/02/16 13:43:19 2021/02/16 13:43:19 2021/02/16 13:55:19 2021/02/16 13:55:19 2021/02/16 13:55:19 2021/02/16 13:55:19 2021/02/16 14:03:19 2021/02/16 14:03:19 2021/02/16 14:11:19 2021/02/16 14:11:19 2021/02/16 14:27:19 2021/02/16 14:35:19 2021/02/16 14:35:19 2021/02/16 14:35:19 2021/02/16 14:35:19 2021/02/16 14:35:19 2021/02/16 14:35:19 2021/02/16 14:55:19 2021/02/16 14:55:19 2021/02/16 14:55:19 2021/02/16 14:55:19 2021/02/16 14:55:19 2021/02/16 15:07:19 2021/02/16 15:07:19 2021/02/16 15:07:19 2021/02/16 15:07:19 2021/02/16 15:07:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:35:19 2021/02/16 15:55:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:55:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 16:33:19 2021/02/16 17:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:33:19 2021/02/16 18:55:19	581.451.63247774629132380207770934905111533923156550023248331355203884089814940832480689351111855263394 66677.14629132238020777099.0.934905115655002324883313520388408988149408322480689351111855263394 66776666776666776666776666776666776666776666	

91	2021/02/16	19:03:19	69.1
92	2021/02/16	19:07:19	62.6
93 94	2021/02/16 2021/02/16 2021/02/16	19:11:19 19:15:19	63.7 65.3
95	2021/02/16	19:19:19	58.7
96	2021/02/16	19:23:19	67.2
97	2021/02/16	19:27:19	70.5
98	2021/02/16	19:31:19	66.5
99	2021/02/16	19:35:19	64.9
100	2021/02/16	19:39:19	64.4
101	2021/02/16	19:43:19	61.8
102	2021/02/16	19:47:19	70.9
103 104	2021/02/16 2021/02/16	19:51:19 19:55:19 19:59:19	71.5 67.9
105	2021/02/16	20:03:19	61.1
106	2021/02/16		62.8
107 108	2021/02/16 2021/02/16	20:07:19 20:11:19 20:15:19	68.0 68.9
109 110 111	2021/02/16 2021/02/16 2021/02/16	20:15:19 20:19:19 20:23:19 20:27:19	67.1 71.5 53.8
112 113	2021/02/16 2021/02/16 2021/02/16	20:27:19	65.2
114 115	2021/02/16 2021/02/16	20:31:19 20:35:19 20:39:19	62.9 69.0 65.3
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119	2021/02/16		50.5
120 121	2021/02/16 2021/02/16	20:51:19 20:55:19 20:59:19 21:03:19	62.9 60.7
122	2021/02/16	21:07:19	49.5
123	2021/02/16		58.7
124	2021/02/16	21:15:19	58.6
125	2021/02/16	21:19:19	67.0
126	2021/02/16	21:23:19	56.9
127	2021/02/16	21:27:19	61.0
128 129	2021/02/16 2021/02/16 2021/02/16	21:11:19 21:15:19 21:19:19 21:23:19 21:27:19 21:31:19 21:35:19 21:39:19 21:43:19 21:47:19 21:51:19 21:55:19 21:59:19	60.7 71.8
130 131	2021/02/16 2021/02/16 2021/02/16	21:39:19 21:43:19	69.2 59.2
132	2021/02/16	21:47:19 21:51:19 21:55:10	59.0
133	2021/02/16		54.1
134	2021/02/16		49.9
135 136	2021/02/16 2021/02/16 2021/02/16	21:59:19	70.0 51.3
137 138	2021/02/16 2021/02/16 2021/02/16	21:59:19 22:03:19 22:07:19 22:11:19	63.6 60.6
139	2021/02/16	22:15:19	64.9
140	2021/02/16	22:19:19	52.4
141	2021/02/16	22:23:19	64.5
142	2021/02/16	22:27:19	59.1
143 144	2021/02/16 2021/02/16	22:11:19 22:15:19 22:19:19 22:23:19 22:27:19 22:31:19 22:35:19 22:39:19	60.2 54.3
145	2021/02/16	44.43.13	63.5
146	2021/02/16		64.5
147	2021/02/16	22:47:19	47.2
148	2021/02/16	22:51:19	61.1
149 150	2021/02/16 2021/02/16	22:51:19 22:55:19 22:55:19 22:59:19 23:03:19 23:07:19	61.8 54.8
151	2021/02/16	23:03:19 23:07:19	52.1
152	2021/02/16		68.2
153	2021/02/16		64.9
154 155	2021/02/16 2021/02/16 2021/02/16	23:11:19 23:15:19 23:19:19 23:23:19	64.5
156 157	2021/02/16 2021/02/16 2021/02/16	23:23:19	63.1 62.0 51.3
158 159	2021/02/16 2021/02/16	23:27:19 23:31:19 23:35:19	53 <i>4</i>
160 161	2021/02/16 2021/02/16	23:39:19 23:43:19	57.2 57.0 53.8
162 163	2021/02/16 2021/02/16	23:31:19 23:35:19 23:39:19 23:43:19 23:47:19 23:51:19 23:55:19 20:03:19	50.6 50.0
164	2021/02/16	23:55:19	50.4
165	2021/02/16	23:59:19	52.6
166	2021/02/17	00:03:19	50.2
167	2021/02/17		50.0
168	2021/02/17	00:11:19	49.4
169	2021/02/17	00:15:19	46.6
170 171	2021/02/17 2021/02/17 2021/02/17	00:19:19 00:23:19 00:27:19	69.3 49.4 44.8
172 173 174	2021/02/17 2021/02/17 2021/02/17	00:27:19 00:31:19 00:35:19	56.2 51.4
175 176	2021/02/17 2021/02/17 2021/02/17	00:33:13 00:39:19 00:43:19	46.0 60.7
177	2021/02/17	00:47:19	46.3
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179	2021/02/17	00:55:19	46.4
180	2021/02/17		57.2
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183	2021/02/17	01:11:19	51.8
184	2021/02/17	01:15:19	44.1
185 186	2021/02/17 2021/02/17	01:19:19 01:23:19 01:27:19	52.9 62.2
187 188	2021/02/17 2021/02/17 2021/02/17	01:31:19	65.4 51.8
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199 200 201 202	2021/02/17 2021/02/17 2021/02/17 2021/02/17	02:15:19 02:19:19 02:23:19 02:27:19 02:31:19 02:35:19	55.6 50.4 46.7 46.9
203	2021/02/17	02:39:19 02:43:19	51.1
204	2021/02/17		48.1
205	2021/02/17		67.4
206	2021/02/17		56.6
207	2021/02/17	02:47:19	58.6
208	2021/02/17	02:51:19	49.7
209	2021/02/17	02:55:19	50.1
210	2021/02/17	02:59:19	50.6
211 212 213 214	2021/02/17 2021/02/17 2021/02/17 2021/02/17	03:03:19 03:07:19 03:11:19	54.9 47.2 60.0 50.5
215	2021/02/17	03:23:19 03:27:19	46.0
216	2021/02/17		59.7
217	2021/02/17		59.0
218	2021/02/17		51.9
219	2021/02/17	03:35:19	67.7
220	2021/02/17	03:39:19	51.0
221	2021/02/17	03:43:19	54.4
222	2021/02/17	03:47:19	50.9
223 224 225 226	2021/02/17 2021/02/17 2021/02/17 2021/02/17	03:59:19 04:03:19	50.7 51.6 58.2 51.2
227 228 229 230	2021/02/17 2021/02/17 2021/02/17 2021/02/17	04:07:19 04:11:19 04:15:19 04:19:19	60.3 57.9 51.2 48.9 52.1
231 232 233 234	2021/02/17 2021/02/17 2021/02/17 2021/02/17	04:27:19 04:31:19 04:35:19	51.1 59.7 69.1
235	2021/02/17	04:39:19	68.9
236	2021/02/17	04:43:19	67.2
237	2021/02/17	04:47:19	64.0
238	2021/02/17	04:51:19	66.1
239	2021/02/17	04:55:19	64.3
240	2021/02/17	04:59:19	64.9
241	2021/02/17	05:03:19	67.6
242	2021/02/17	05:07:19	65.3
243	2021/02/17	05:11:19	67.9
244	2021/02/17		64.4
245	2021/02/17		66.1
246	2021/02/17		60.7
247 248 249 250	2021/02/17 2021/02/17 2021/02/17 2021/02/17	05:19:19 05:23:19 05:27:19 05:31:19 05:35:19 05:39:19	65.8 56.5 64.0 67.4
251	2021/02/17	05:43:19	59.4
252	2021/02/17	05:47:19	66.5
253	2021/02/17	05:51:19	60.2
254	2021/02/17	05:55:19	65.6
255	2021/02/17	05:59:19	57.8
256	2021/02/17	06:03:19	62.4
257	2021/02/17	06:07:19	64.0
258	2021/02/17	06:11:19	61.1
259	2021/02/17	06:15:19	67.0
260	2021/02/17	06:19:19	61.6
261	2021/02/17	06:23:19	58.8
262	2021/02/17	06:27:19	76.1
263	2021/02/17	06:31:19	64.4
264	2021/02/17	06:35:19	59.8
265	2021/02/17	06:39:19	64.9
266	2021/02/17	06:43:19	71.1
267 268 269 270	2021/02/17 2021/02/17 2021/02/17 2021/02/17	06:47:19 06:51:19 06:55:19	75.8 70.7 71.2 69.2
271 272 273 274	2021/02/17 2021/02/17 2021/02/17 2021/02/17	06:59:19 07:03:19 07:07:19 07:11:19 07:15:19	67.5 65.8 70.4 61.7
275 276 277 278	2021/02/17 2021/02/17 2021/02/17 2021/02/17	07:07:19 07:11:19 07:15:19 07:19:19 07:23:19 07:27:19 07:35:19 07:35:19 07:43:19 07:47:19 07:47:19	70.6 65.5 70.9 71.3
279	2021/02/17	07:35:19	66.8
280	2021/02/17	07:39:19	66.9
281	2021/02/17	07:43:19	66.6
282	2021/02/17	07:47:19	60.3
283	2021/02/17	07:51:19	69.3
284	2021/02/17	07:55:19	61.6
285	2021/02/17	07:59:19	59.6
286	2021/02/17	08:03:19	71.0
287 288 289 290	2021/02/17 2021/02/17 2021/02/17 2021/02/17	08:07:19 08:11:19 08:15:19	63.9 66.8 72.3 74.3
291 292 293 294	2021/02/17 2021/02/17 2021/02/17 2021/02/17	08:19:19 08:23:19 08:27:19 08:31:19 08:35:19	68.5 74.5 71.3 59.4
295	2021/02/17	08:39:19	58.7
296	2021/02/17	08:43:19	70.3
297	2021/02/17	08:47:19	59.8
298	2021/02/17	08:51:19	73.9

300 301 302 303 304 305 307 308 309 310 311 313 314 315 317 318 321 322 323 324 325 327 328 329 331 331 331 331 331 331 331 331 331 33
2021/02/17 2021/02/17
08:55:19 08:59:19 09:03:19 09:07:19 09:11:19 09:15:19 09:15:19 09:23:19 09:31:19 09:35:19 09:35:19 09:35:19 09:55:19 09:55:19 10:03:19 10:07:19 10:11:19 10:15:19 10:23:19 10:27:19 10:31:19 10:35:19 10:35:19 10:35:19 10:35:19 10:35:19 10:35:19 10:35:19 10:35:19 10:35:19 10:35:19 10:35:19 10:35:19 10:47:19 10:55:19 10:55:19 11:11:19 11:15:19 11:15:19 11:15:19 11:15:19 11:15:19 11:15:19 11:19:19 11:15:19 11:19:19 11:15:19 11:19:19 11:15:19 11:15:19 11:23:19 11:35:19 11:35:19 11:35:19 11:35:19 11:35:19 11:35:19 11:35:19 11:55:19
$\begin{array}{c} 5.794042222037967437685113861120285911441231177086677602224433489542870\\ 6688519940449576665761386112028591144123117708667766663575918189542870\\ 669866769666751138661120285911441231177708667766666666666666666666666666666$

Appendix C

RCNM Results

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 03/02/2021

Case Description: Multi-Family Housing - South of Site

**** Receptor #1 ****

Baselines (aBA)	elines (dBA)
-----------------	--------------

Description	Land Use	Daytime	Evening	Night
Multi-Family Housing - South	Residential	68.0	65.0	64.0

Equipment

_ _ _ _ _ _ _

	Impact	Usage	Spec Lmax	Actual Lmax	Receptor Distance	Estimated Shielding
Description	Device	(%)	(dBA)	(dBA)	(feet)	(dBA)
Backhoe	No	40		77.6	75.0	3.0
Front End Loader	No	40		79.1	75.0	3.0
Dump Truck	No	40		76.5	75.0	3.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

	Calculat	ed (dBA)	Day	/	Eveni	ng	Nigh	nt	Day	/	Eveni	ng	Nigh	nt
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	71.0	67.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	72.6	68.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	69.9	65.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	72.6	72.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Single Family Housing - North	Residential	68.0	65.0	64.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	200.0	0.0
Front End Loader	No	40		79.1	200.0	0.0
Dump Truck	No	40		76.5	200.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

	Calculat	ed (dBA)	Day	/	Eveni	ing	Nigh	nt	Day	/	Eveni	ing	Nig	ht
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	65.5	61.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	67.1	63.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	64.4	60.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	67.1	66.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

lines (
	(dBA)

Description	Land Use	Daytime `	Évening	Night
Commercial Uses - adjacent	Commercial	68.0	65.0	64.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	50.0	0.0
Front End Loader	No	40		79.1	50.0	0.0
Dump Truck	No	40		76.5	50.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

	Calculat	ed (dBA)	Day		Eveni	ing	Nigh	nt	Day	 /	Eveni	 ing	Nigh	ht
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	77 . 6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	79.1	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Appendix D

Sample PTAC Specifications



LG Packaged Terminal Air Conditioner/Heat Pump SERVICE MANUAL

CAUTION • BEFORE SERVICING THE UNIT, READ THE SAFETY PRECAUTIONS IN THIS MANUAL.

FOR AUTHORIZED SERVICE ONLY.

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1. PREFACE

This SERVICE MANUAL provides various service information, including the mechanical and electrical parts, etc. This room air conditioner was manufactured and assembled under a strict quality control system. The refrigerant is charged at the factory. Be sure to read the safety precautions prior to servicing the unit.

1.1 SPECIFICATIONS

<u>LP</u> 12 0 C E M 1 12 34 5 6 7 8 9

Digits 1,2 - LG Packaged Terminal Air Conditioner

Digits 3,4 - Unit Cooling Capacity

07 = 7,000 Btu/h

09 = 9,000 Btu/h12 = 12,000 Btu/h 15 = 15,000 Btu/h Digit 6 - Product Type C = Air Conditoner H = Heat Pump

Digit 7- Electric Heat

E = Electric Heater

Digit 8 - D = Digital

M = Mechanical

Digit 9 - Electric Voltage 1 = 265V, 60Hz

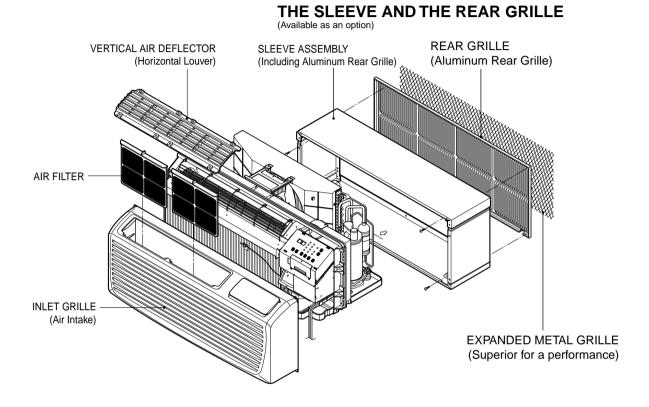
None = 230V, 60Hz

Models		LP070CED1	LP090CED1	LP120CED1	LP150CED1	
Cooling Capacity	, W		2227	2608	3458	4103
Cooling Capacity	Btu/h		7600	8900	11800	14000
Heating Capacity	W		7000	-	11000	- 14000
Trodking Capacity	Btu/h			_	-	-
Electric Heatier Cap		W	2000	3700	3700	3700
Power Input	Cooling/Heating	W	650	810	1105	1475
Running Current	Cooling/Heating	A	2.6	3.2	4.4	5.8
Starting Current	Cooling/Heating	A	-/-	-/-	-/-	-/-
EER	W/W	7,	3.42	3.2	3.12	2.78
	Btu/h.W	I	11.7	11.0	10.7	9.5
COP	W/W	•	-	-	-	
Power Supply	Ø/V/H	lz	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60
Air Flow Rate		m ³ G/min(cfm)	8.5(300)	8.5(300)	12.0(420)	12.0(420)
		m ³ G/min(cfm)	-	-	-	-
Moisture Removal	I/h		0.9	1.2	1.5	2.0
Sound Level	Indoor,H/M/L	dB(A)+3	45/-/43	45/-/43	49/-/47	49/-/47
	Outdoor,Max	dB(A)+3	60/58	60/58	63/61	63/61
Refrigerant & Charg		g(oz)	R22,645(22.8)	R22, 690(24.3)	R22, 680(24.0)	R22, 650(22.9)
Compressor	Туре	3 \ /	Rotaty(Non Tropical)	Rotaty(Non Tropical)	Rotaty(Non Tropical)	Rotaty(Non Tropical)
	Model		2R9S276A6A	2R12S276A6B	2P16S276A1A	2K20S276A6A
•	Motor Type		PSC	PSC	PSC	PSC
-	Oil Type		ATMOS M60 or SUNISO 4GDID			
-	Oil Charge	CC	260	290	270	410
•	O.L.P Name		Internal	Internal	Internal	Internal
Fan	Type(In/Out)		Cross Flow Fan / Axial Fan			
Motor Type		4 POLES	4 POLES	4 POLES	4 POLES	
•	Motor OutputW		50	50	50	50
Power Supply Cable	9	No.*mm ²	3*2.1	3*2.1	3*2.1	3*2.1
Dimension	W*H*D	mm	1066*406*505	1066*406*505	1066*406*505	1066*406*505
		inch	42*16*19-7/8	42*16*19-7/8	42*16*19-7/8	42*16*19-7/8
Net Weight	Indoor	kg(lbs)	39.8(88)	39.3(87)	42.5(94)	46.3(102)
Tool Code(Chassis)			YA	YA	YA	YA
Functions	Temperature Cor	itrol	Thermistor	Thermistor	Thermistor	Thermistor
	Energy Saver Sw		0	0	0	0
	Prefilter(washable/	anti-fungus)	0	0	0	0
	Plasma Filter		•	-	-	-
	Steps, Fan/Cool/Heat Airflow Direction Control(up&down) Airflow Direction Control(left&right) Remocon Type		2/2/2	2/2/2	2/2/2	2/2/2
			Manual	Manual	Manual	Manual
			-	-	-	-
			-	-	-	-
	Setting Temperature	Cooling	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)
Range Heating			54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)
	Auto Operation (Micom Control) Panel Touch Type Timer Air Discharge Air Ventilation Device Control(Defrost) Hot Start Look Cabinet Type(Chassis Type)		-	-	-	-
			Micom	Micom	Micom	Micom
			12h, On/Off	12h, On/Off	12h, On/Off	12h, On/Off
			Rear	Rear	Rear	Rear
			0	0	0	0
			-	-	-	-
			-	-	-	-
			L-Look	L-Look	L-Look	L-Look -
					_	
-	Special Function	assis Type)	- Electric Heater	Electric Heater	Electric Heater	Electric Heater

Models		LP070HED1	LP090HED1	LP120HED1	LP150HED1	
Cooling Capacity	Cooling Capacity W		2139	2726	3517	4220
Btu/h		7300	9300	12000	14400	
Heating Capacity	W		1817	2345	3165	3869
, , ,	Btu/h		6200	8000	10800	13200
Electric Heater Capa	acity	W	2000	3700	3700	3700
Power Input	Cooling/Heating	W	630/550	830/690	1155/990	1565/1335
Running Current	Cooling/Heating	Α	2.5/2.2	3.3/2.7	4.6/3.9	6.2/5.3
Starting Current	Cooling/Heating	Α	-/-	-/-	-/-	-/-
EER	W/W		3.39	3.28	3.04	2.69
	Btu/h.W	<u> </u>	11.6	11.2	10.4	9.2
COP	W/W	·	3.3	3.4	3.2	2.9
Power Supply	Ø/V/H	Z	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60
Air Flow Rate		m ³ G/min(cfm)	8.5(300)	8.5(300)	12.0(420)	12.0(420)
	Outdoor,Max	m ³ G/min(cfm)	-	-	-	-
Moisture Removal	I/h	•,(•)	0.9	1.2	1.5	2.0
Sound Level	Indoor,H/M/L	dB(A)+3	45/-/43	45/-/43	49/-/47	49/-/47
	Outdoor,Max	dB(A)+3	60/58	60/58	63/61	63/61
Refrigerant & Charge		g(oz)	R22, 625(22.0)	R22, 730(25.8)	R22, 970(34.2)	R22, 890(31.4)
Compressor	Туре	9(02)	Rotaty(Non Tropical)	Rotaty(Non Tropical)	Rotaty(Non Tropical)	Rotaty(Non Tropical)
Compressor	Model		2R10S276A6C(RSM284)	2R13S276A6C	2P17S276(PSM312)	2K21S276A6C
	Motor Type		PSC	PSC	PSC	PSC
	Oil Type		ATMOS MED OF SUNISO AGDID	ATMOS M60 or SUNISO 4GDID		ATMOS MEO or SUNISO ACDID
_	Oil Charge cc		260	290	350	410
	O.L.P Name		Internal		Internal	
Eon				Internal		Internal
Fan	Type(In/Out)		Cross Flow Fan / Axiai Fan	Cross Flow Fan / Axial Fan	Cross Flow Fan / Axiai Fan	
	Motor Type		4 POLES	4 POLES	4 POLES	4 POLES
Dawar Cumply Cable	Motor OutputW	No *2	50	50	50	50
Power Supply Cable) 	No.*mm²	3*2.1	3*2.1	3*2.1	3*2.1
Dimension	W*H*D	mm	1066*406*505	1066*406*505	1066*406*505	1066*406*505
NI-4 Wi-1-b4	In dean	inch	42*16*19-7/8	42*16*19-7/8	42*16*19-7/8	42*16*19-7/8
Net Weight	Indoor	kg(lbs)	41.2(91)	41.8(92)	45.0(99)	48.3(106)
Tool Code(Chassis)			YA YA	YA	YA	YA
Functions	Temperature Control		Thermistor	Thermistor	Thermistor	Thermistor
	Energy Saver Switch		0	0	0	0
	Prefilter(washable/a	anti-fungus)	0	0	0	0
	Plasma Filter		-	-	-	-
	Steps, Fan/Cool/Heat Airflow Direction Control(up&down) Airflow Direction Control(left&right) Remocon Type		2/2/2	2/2/2	2/2/2	2/2/2
			Manual	Manual	Manual	Manual
			-	-	-	-
			-	-	-	-
	Setting Temperature	Cooling	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)
	Range	Heating	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)	54°F~86°F(12.2°C~30°C)
Auto Operation (Micom Control) Panel Touch Type			-	-	-	-
		Micom	Micom	Micom	Micom	
	Timer Air Discharge Air Ventilation Device Control(Defrost)		12h, On/Off	12h, On/Off	12h, On/Off	12h, On/Off
			Rear	Rear	Rear	Rear
. –			0	0	0	0
						0
		efrost)	0		•	
_	Hot Start	efrost)	-	-	-	-
-	Hot Start Look	,	- L-Look	- L-Look	- L-Look	- L-Look
-	Hot Start	,	-	-	-	-

1.2 FEATURES AND BENEFITS

The PTAC has many features, some of which are different than those found on conventional PTAC units. The servicer must be familiar with these features in order to properly service the unit.



• IIR (Infinite Impulse Response)

The IIR function senses the temperature several times per second and makes micro-adjustments several times per

Compressor Restart Delay

This feature extends the overall life of compressor by preventing the short-cycling of the air-conditioner. When the compressor restarts, LG PTAC is designed to give a minimum of three minutes to have a time of equalizing the refrigerant pressures for optimizing cycling.

• Fan-Only Setting - High/Low

The fan can run at HIGH or LOW speed without COOLING or HEATING to provide air circulation and ventilation.

• Indoor Fan Speed Selections - High/Low

The fan can run at HIGH or LOW speed for either COOLING or HEATING.

• Two Fan motors

The unit has two fan motors to provide quiet operation and maximum efficiency.

Indoor Filters

The unit uses two indoor filters which slide in and cut easily. The filters may be cleaned by washing and brushing without removing the front grille.

Rotary Compressor

The unit uses a rotary compressor for quiet, reliable operation and long life.

2 Position Discharge Grille

The discharge grille can provide air flows upward at an angle of 40 off vertical or 15 degree off vertical. The angle is changed by removing the front grille and 4 screws that fasten the discharge grille to the front grille and rotating the louvers to an alternate position.

• Indoor Room Freeze Protection

When the unit senses the room temperature falls to less than 40° F the unit activates the fan motor and either the electric resistance heater or the hydronic heater to prevent pipes or fixtures from freezing. This also overrides front desk control of the unit mounted or wall mounted controls.

Door Switch/Occupancy Sensor

The unit is capable of accommodating a field installed door switch and occupancy sensor to operate the energy management feature. For additional information, refer to the unit operation section.

• Compressor Overload Protection

This feature prevents the damage of the compressor by sensing the indoor tube temperature in heating. If the indoor temperature is over 130° F, the outdoor fan will be switched off and back on when the temperature drops below 120° F.

Outdoor Air Temperature Switchover

This will effectively change the unit from heat pump mode to total electric resistance heat.

• Temperature limits

The unit is programmed to provide both heating and cooling temperature limits by dip switches on control panel from 54° F to 86° F. Temperature limits help to prevent overheating and overcooling and reduce energy costs.

• Condensate Drain Valve

The unit has a condensate drain valve to prevent water from collecting or freezing in the basepan.

Quick Heater Recovery

The unit is designed to operate the electric heater to warm the room to the temperature set point as soon as heat pump cycle is on in heating. This feature has an advantage of reducing the time to reach the set point and improving the temperature increase for better comfort.

• Reverse Cycle Defrosting - (PTHDs only)

The unit will activate the reverse cycle defrost when the outdoor coil temperature has remained at a cold temperature to form the ice on the coil. This ice will reduce airflow though the coil and will also reduce the efficiency of unit. The LG PTHP will employ an active reverse cycle defrost function to melt the ice off the outdoor coil for insuring room comfort conditions and savings from extended operation.

High Temperature Heat Pump Operation Protection

The compressor will be switched off to prevent damage when the heat pump is operated in high outdoor temperatures.

Remote Thermostat Control

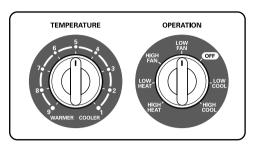
Each unit is built to be operated from any standard 4 or 5 wire remote-mounted thermostat, if desired. The unit has a built-in low voltage power source which can accommodate a large variety of thermostat choices-manual, auto changeover, or programmable. A remote thermostat can also be added to any installed unit.

Zone Sensor

Occupants enjoy ultimate comfort with consistent climate control. Attach an optional, inexpensive remote Zone Sensor to exactly match the functions of the PTAC without disabling any features.

1.3 CONTROL LOCATIONS

OPERATION



ELECTRIC HEATING MODEL

TEMPERATURE CONTROL

Set the Thermostat control to the desired temperature mark 5 (the mid-point is a good starting position). If the room temperature is not satisfactory after a reasonable time, adjust the control to a cooler or warmer setting, as appropriate.

VENTILATION

The ventilation lever is located to the lower left side of the unit. The ventilation lever must be in the CLOSE position in order to maintain the best cooling conditions.

When fresh air is necessary in the room, set the ventilation lever to the OPEN position.

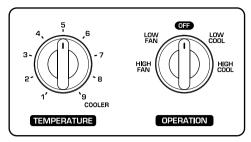
The damper is opened and outdoor air is drawn into the room. This will reduce the cooling or heating efficiency.

CAUTION

When the air conditioner has performed a cooling or heating operation and is turned off or set to the fan position, wait at least 3 minutes before resetting to the cooling operation.

NOTE

A slight heat odor may come from the unit when first switching to HEAT after the cooling season is over. This odor, caused by fine dust particles on the heater, will disappear quickly. This is harmless.



COOLING ONLY MODEL

OPERATION MODE SELECTOR

OFF Turns air conditioner off.

LOW FAN Low speed fan operation without cooling.

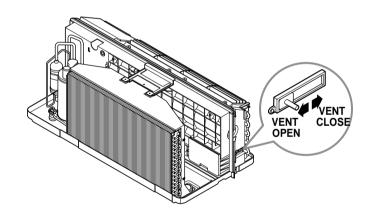
HIGH FAN High speed fan operation without cooling.

LOW COOL Cooling with the low speed fan operation.

HIGH COOL Cooling with the high speed fan operation.

LOW HEAT Heating with the low speed fan operation.

HIGH HEAT Heating with the high speed fan operation.

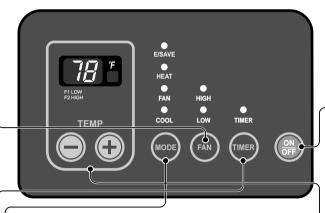


ELECTRONIC CONTROLS

The controls will look like one of the following.

FAN SPEED

• Every time you push this button, it cycles through the settings as follows: $\{High(F2) \rightarrow Low(F1) \rightarrow High(F2) \rightarrow Low(F1)\}$



MODE

- Push this button to cycle through the modes from COOL \rightarrow FAN \rightarrow HEAT \rightarrow COOL.
- COOL
- Fan runs continually for normal cooling operation.
- ENERGY SAVER
 - The fan stops when the compressor stops cooling.
 Approximately every 3 minutes the fan will turn on and the unit will check the room air temperature to determine if cooling is needed.
- FAN
 - Fan operation without heating or cooling.
- HEAT
 - Fan runs continually for normal heating operation.

TIMER

- SHUT-OFF TIME
- You will usually use shut-off time while you sleep.
- If unit is running, use Timer to set number of hours until shut-off.
- For your sleeping comfort, once Time is set, the Temperature setting will raise 2° F after 30 minutes, and once again after another 30 minutes.
- Push Timer to cycle through the settings from 1 Hour → 2 Hours → ... → 12 Hours maximum.

POWER

- To turn the air conditioner ON, push this button.
 To turn the air conditioner OFF, push the button again.
- This button takes priority over any other button.

TEMPERATURE SETTING

- Use this button to automatically control the temperature of the room.
- The temperature can be set within a range of 54° F to 86° F by increments of 2° F.
- The setting appears in the display.

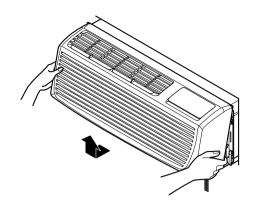
1.4 ADDITIONAL CONTROLS

• REMOVING THE FRONT GRILLE

Additional controls are available after removing the front grille and option cover of control box.

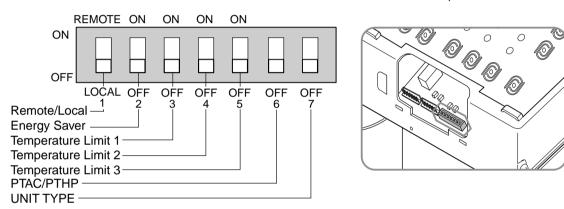
To remove the front grille, pull out the bottom of front grille and then lift up.

To replace the front grille, place the tabs over the top of the unit and push the bottom of front grille until the clips snap into place.



ADDITIONAL CONTROLS

The additional controls are located behind the option cover of control box. The standard settings will be in the OFF position. The authorized servicer has to check switches and ensure the switches are in the desired position.



TEMPERATURE LIMITING

Temperature Limiting can save money by limiting the lowest temperature for cooling and the highest temperature for heating. The temperature limiting is controlled by switches #1 - #3.

This temperature limiting is not available with the Remote Wall Thermostat.

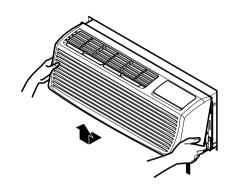
Temperature	Temperature	Temperature	ture Cooling Operation		Heating Operation	
Limit #1	Limit #2	Limit #3	Lowest Temp.	Highest Temp.	Lowest Temp.	Highest Temp.
OFF	OFF	OFF	54° F (12.2° C)	86° F (30.0° C)	54° F (12.2° C)	86° F (30.0° C)
ON	OFF	OFF	56° F (13.3° C)	86° F (30.0° C)	54° F (12.2° C)	84° F (28.9° C)
OFF	ON	OFF	58° F (14.4° C)	86° F (30.0° C)	54° F (12.2° C)	82° F (27.8° C)
ON	ON	OFF	60° F (15.5° C)	86° F (30.0° C)	54° F (12.2° C)	80° F (26.7° C)
OFF	OFF	ON	62° F (16.6° C)	86° F (30.0° C)	54° F (12.2° C)	78° F (25.5° C)
ON	OFF	ON	64° F (17.7° C)	86° F (30.0° C)	54° F (12.2° C)	76° F (24.4° C)
OFF	ON	ON	66° F (18.9° C)	86° F (30.0° C)	54° F (12.2° C)	74° F (23.3° C)
ON	ON	ON	68° F (20.0° C)	86° F (30.0° C)	54° F (12.2° C)	72° F (22.2° C)
#6		#7		Unit Type		
OFF			OFF		Cooling+Electric Heater+Heat Pump	
OFF			ON		Cooling+Electric Heater	
ON		OFF		Heat Pump Only		
ON			ON		Cooling Only	

• REMOVING THE FRONT GRILLE

Additional controls are available after removing the front grille and option cover of control box.

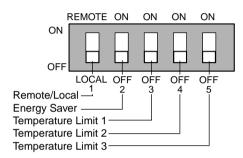
To remove the front grille, pull out the bottom of front grille and then lift up.

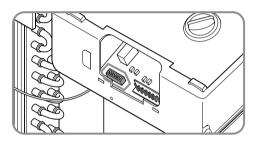
To replace the front grille, place the tabs over the top of the unit and push the bottom of front grille until the clips snap into place.



ADDITIONAL CONTROLS

The additional controls are located behind the option cover of control box. The standard settings will be in the OFF position. The authorized service man has to check switches and ensure the switches are in the desired position.





TEMPERATURE LIMITING

Temperature Limiting can save money by limiting the lowest temperature for cooling and the highest temperature for heating. The temperature limiting is controlled by dip switch #1 - #3.

This temperature limiting is not available with the Remote Wall Thermostat.

Temperature	Temperature	Temperature	Cooling (Operation	Heating (Operation
Limit #1	Limit #2	Limit #3	Lowest Temp.	Highest Temp.	Lowest Temp.	Highest Temp.
OFF	OFF	OFF	54°F (12.2°C)	86°F (30.0°C)	54°F (12.2°C)	86°F (30.0°C)
ON	OFF	OFF	56°F (13.3°C)	86°F (30.0°C)	54°F (12.2°C)	84°F (28.9°C)
OFF	ON	OFF	58°F (14.4°C)	86°F (30.0°C)	54°F (12.2°C)	82°F (27.8°C)
ON	ON	OFF	60°F (15.5°C)	86°F (30.0°C)	54°F (12.2°C)	80°F (26.7°C)
OFF	OFF	ON	62°F (16.6°C)	86°F (30.0°C)	54°F (12.2°C)	78°F (25.5°C)
ON	OFF	ON	64°F (17.7°C)	86°F (30.0°C)	54°F (12.2°C)	76°F (24.4°C)
OFF	ON	ON	66°F (18.9°C)	86°F (30.0°C)	54°F (12.2°C)	74°F (23.3°C)
ON	ON	ON	68°F (20.0°C)	86°F (30.0°C)	54°F (12.2°C)	72°F (22.2°C)

REMOTE/LOCAL CONTROL

When remote/local switch #1 is on, it allow the unit to operate by the Remote Wall Thermostat. The unit control by knobs are not available.

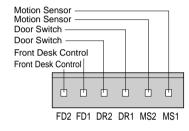
ENERGY SAVER

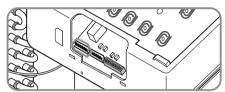
The energy saver switch #2 is on. This switch is set at cycle fan to provide continuous fan operation in cool or heat modes. When the switch is off the continuous fan allows continuous circulation of room air and make the more balanced temperature of the room. When the switch is on, the fan is on or off with the compressor or with the heater.

FRONT DESK CONTROL

When the pair wire is connected to the connector FD2 and FD1, the unit can be turned ON or OFF with a switch located at the Front Desk Control panel. When the front desk switch is ON, the fan operates according to the setting without working compressor and heater. When the front desk switch is OFF, the unit can operate according to the setting of controls.

Wire # AWG	Maximum Length
#22	600 ft (180 m)
#20	900 ft (270 m)
#18	1500 ft (450 m)
#16	2000 ft (610 m)



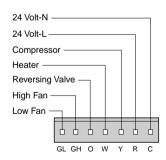


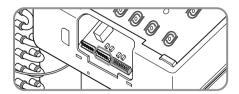
(Molex Housing Spec 396-06V)

REMOTE WALL THERMOSTAT

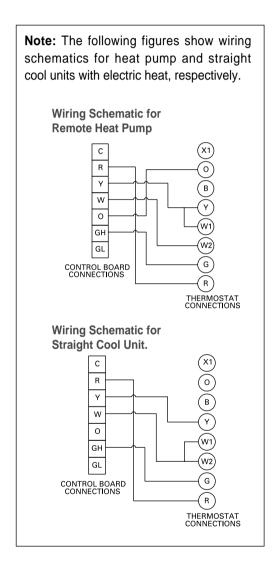
When the wires are connected, the unit will be controlled by a remote wall thermostat.

The thermostat connections supply the 24 Volt AC. When you install the digital/electronic thermostat, you must set it to 24 Volt AC. See the installation Instruction in this manual for the Remote Wall Thermostat.





(Molex Housing Spec 396-07V)



REMOTE/LOCAL CONTROL

When remote/local switch #1 is on, it allow the unit to operate by the control of Remote Wall Thermostat. The unit control by knobs are not available.

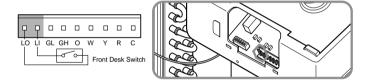
ENERGY SAVER

The energy saver switch #2 is on. This switch is set at continuous fan to provide continuous fan operation in cool or heat modes. When the switch is off the continuous fan allows continuous circulation of room air and make the more balanced temperature of the room. When the switch is on the fan is on or off with the compressor or with the heater.

FRONT DESK CONTROL

When the pair wire is connected to the connector LOand LI, the unit can be turned ON or OFF with a switch located at the Front Desk Control panel. When the front desk switch is ON, the fan operate according to the condition of setting without working compressor and heater. When the front desk switch is OFF, the unit can operate according to the setting of controls.

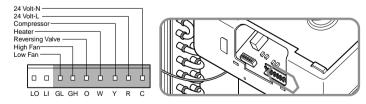
Wire # AWG	Maximum Length
#22	600ft(180m)
#20	900ft(270m)
#18	1500ft(450m)
#16	2000ft(610m)



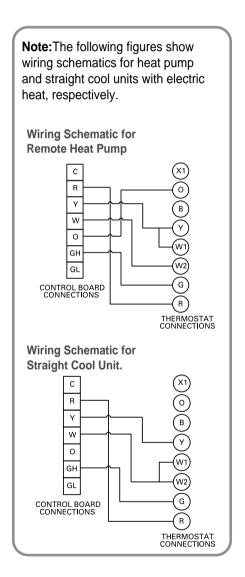
REMOTE WALL THERMOSTAT

When the wires are connected, the unit will be controlled by a remote wall thermostat.

The thermostat connections supply the 24 Volt AC. When you install the digital / electronic thermostat, you must set it to the 24 Volt AC. See the installation Instruction in this manual for the Remote Wall Thermostat.



(Molex Housing Spec 396-09V)



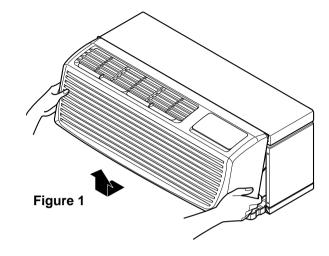
2. DISASSEMBLY INSTRUCTIONS

— Before the following disassembly, POWER SWITCH is set to OFF and disconnected the power cord.

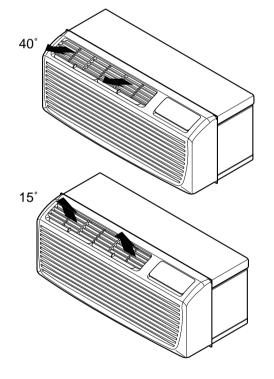
2.1 MECHANICAL PARTS

2.1.1 FRONT GRILLE

- 1. Remove the front grille. (See Figure 1)
- To remove the front grille, pull out the bottom of the front grille and then lift up. Re-install the component by referring to the removal procedure.
- 3. To replace the front grille, place the tabs over the top of the unit and push the bottom of front grille until the clips snap into place.

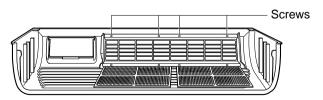


• This Room Air Conditioner (PTAC) discharges air from the top of the unit through reversible, 2-position discharge grille louvers. The unit is shipped from the factory with the discharge grille louvers at an angle of 40° off vertical. In the alternate position, the louvers will be at an angle of 15° off vertical.



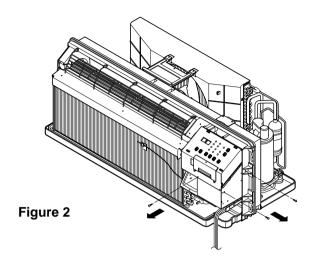
To adjust air direction, remove the front grille. Remove the 4 screws that fasten the discharge grille to the front grille.

Flip the discharge grille 180°, then reattach the discharge grille to the front grille with 4 screws.

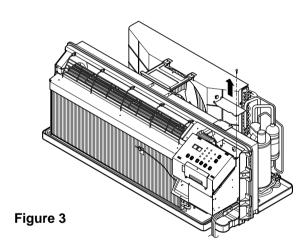


2.1.2 CONTROL BOX

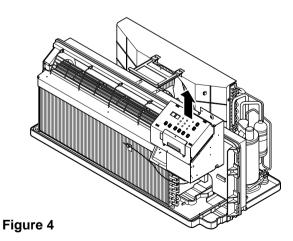
- 1. Remove the front grille. (Refer to section 2.1.1)
- 2. Remove the two screws which fasten the control box. (See Figure 2)
- 3. Pull the control box from the Air guide.



- 4. Remove the control box cover. (See Figure 3)
- 5. Disconnect wire housings on the control box.



- 6. Pull the control box assembly out from the unit. (See Figure 4)
- 7. Re-install the components by referring to the removal procedure.



2.2 AIR HANDLING PARTS

2.2.1 HEATER ASSEMBLY AND CROSS FLOW FAN

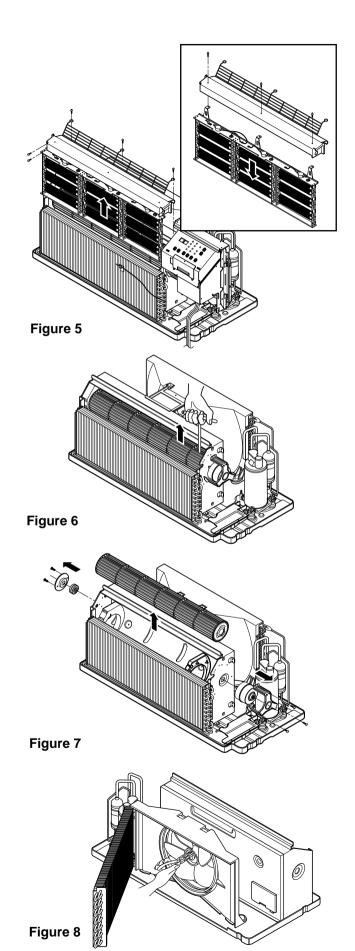
- 1. Remove the front grille. (Refer to section 2.1.1)
- 2. Remove the control box assembly. (Refer to section 2.1.3)
- 3. Remove the 3 screws which fasten the net steel. (See Fig. 5)
- Remove the 3 screws which fasten the electric heater assembly. (Electric heater model only) (See Fig.5).

5. Loosen the hexagon screw with the Hexwrench(See Fig.6)

- 6. Remove the 4 screws which fasten the indoor motor and the earth wire. (See Fig. 6, 7)
- 7. Re-install the components by referring to the removal procedure, above.

2.2.2 FAN

- 1. Remove the brace.
- 2. Remove the 4 screws which fasten the condenser with the shroud and the basepan.
- 3. Move the condenser sideways carefully.
- 4. Remove the clamp which secures the fan with plier.
- 5. Remove the fan. (See Fig. 8)
- 6. Re-install the components by referring to the removal procedure, above.



2.2.3 SHROUD

- 1. Remove the axial fan. (Refer to section 2.2.3)
- 2. Remove the 4 screws which fasten the condenser with the shroud and the basepan.
- 3. Remove the shroud.
- 4. Re-install the component by referring to the removal procedure.

2.3. ELECTRICAL PARTS

2.3.1 OUTDOOR MOTOR

- 1. Remove the clamp cord and disconnect a wire housing in control box. (Refer to section 2.1.2)
- 2. Remove the axial fan. (Refer to section 2.2.3)
- 3. Remove the 2 screws which fasten the motor. (See Figure 10)
- 4. Remove the motor
- 5. Re-install the component by referring to the removal procedure, above.

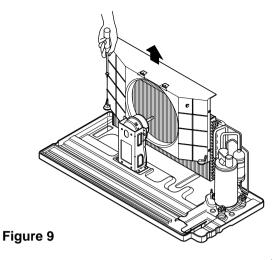
2.3.2 INDOOR MOTOR (Refer to section 2.2.2)

2.3.3 COMPRESSOR

- Discharge the refrigerant system using a refrigerant recovery system.
 If there is no valve to attach the recovery system, install one (such as a WATCO A-1) before venting the refrigerant. Leave the valve in place after servicing the system.
- 2. Disconnect the 3 leads from the compressor.
- 3. After purging the unit completely, unbraze the suction and discharge tubes at the compressor connections.
- 4. Remove the 3 nuts and the 3 washers which fasten the compressor. (See Figure 11)
- 5. Remove the compressor.
- 6. Re-instill the components by referring to the removal procedure, above.

2.3.4 CAPACITOR

- 1. Remove the control box. (Refer to section 2.1.2)
- Remove 1 screw and disconnect the leads which connected to the box type capacitor. (See Figure 12)
- 3. Remove 1 screw and the clamp which fastens the can-type capacitor.
- 4. Disconnect all the leads of capacitor terminals.
- 5. Re-install the components by referring to the removal procedure, above.



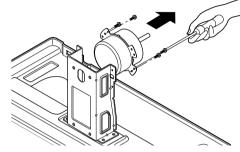


Figure 10

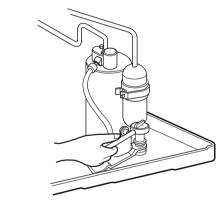


Figure 11

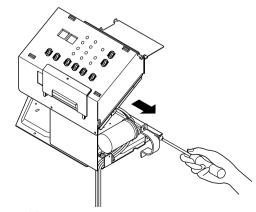


Figure 12

2.3.5 POWER CORD

- 1. Remove the control box. (Refer to section 2.1.2)
- 2. Disconnect the grounding screw from the control box.
- 3. Disconnect 2 receptacles.
- 4. Remove a screw which fastens the clip cord.
- 5. Separate the power cord from the control box. (See Figure 13)
- 7. If the supply cord of this appliance is damaged, it must be replaced by an exact replacement part. (The special cord means the cord which has the same specification marked on the supply cord fitted to the unit.)

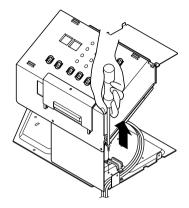
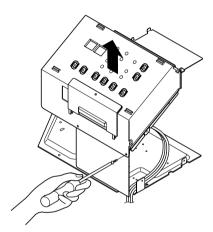


Figure 13

2.3.6 P.C.B.

- 1. Remove the escutcheon.
- 2. Remove the two knobs.
- 3. Remove the 2 screws which fasten P.C.B. cover.
- 4. Disconnect all the leads which connected to the P.C.B.
- 5. Remove the two screws which fasten the P.C.B. board.
- 6. Re-install the components by referring to the removal procedure, above.



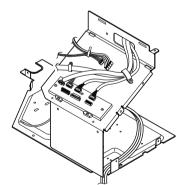


Figure 14

WARNING

After servicing control box ,make sure that AC and DC wires are separated and tied up properly.

The wires should also be pressed a little downwards to prevent touching it to the display pcb.

2.4 REFRIGERATION CYCLE

CAUTION

Discharge the refrigerant system using a refrigerant recovery system.

If there is no valve to attach the recovery system, install one (such as a WATCO A-1) before venting the refrigerant. Leave the valve in place after servicing the system.

2.4.1 CONDENSER

- 1. Remove the brace and the shroud. (Refer to section 2.2.2)
- 2. Remove the 4 screws which fasten the shroud. (Refer to section 2.2.2)
- 3. Push forward the shroud and remove the 2 screws which fasten the condenser with the basepan.
- After discharging the refrigerant completely, unbraze the interconnecting tube at the condenser connections.
- 5. Remove the condenser.
- 6. Re-install the components by referring to notes. (See Figure 15)

2.4.2 EVAPORATOR

- 1. Remove the front grille. (Refer to section 2.1.1)
- 2. Discharge the refrigerant completely.
- 3. Remove the control box assembly. (Refer to section 2.1.2)
- 4. Remove the 4 screws which fasten the evaporator at the left side and the right side.
- Move the evaporator sideward carefully and then unbraze the interconnecting tube at the evaporator connectors.
- 6. Remove the evaporator.
- 7. Re-install the components by referring to notes. (See Figure 16)

2.4.3 CAPILLARY TUBE

- After discharging the refrigerant completely, unbraze the interconnecting tube at the capillary tube.
- 2. Remove the capillary tube.
- 3. Re-install the components by referring to notes.

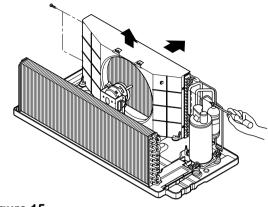
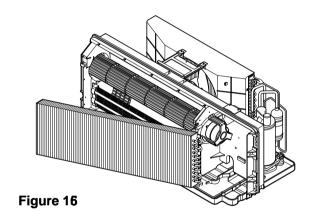


Figure 15



NOTES

- Replacement of the refrigeration cycle.
- When replacing the refrigeration cycle, be sure to discharge the refrigerant system using a refrigerant recovery system.
 If there is no valve to attach the recovery system, install one (such as a WATCO A-1) before venting the refrigerant. Leave the valve in place after servicing the system.
- 2. After discharging the unit completely, remove the desired component, and unbraze the pinch-off tubes
- 3. Solder service valves into the pinch-off tube ports, leaving the valves open.
- 4. Solder the pinch-off tubes with service valves.
- 5. Evacuate as follows.
 - 1) Connect the vacuum pump, as illustrated Figure 17 A.
 - 2) Start the vacuum pump, slowly open manifold valves A and B with two full turns counterclockwise and leave the valves closed. The vacuum pump is now pulling through valves A and B up to valve C by means of the manifold and entire system.

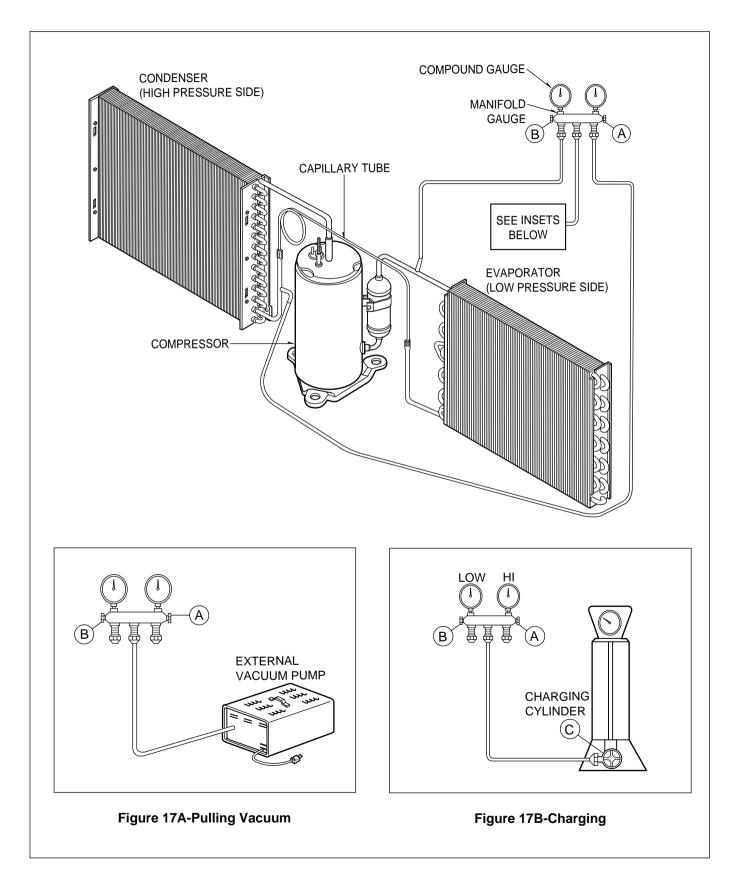
CAUTION

If high vacuum equipment is used, just crack valves A and B for a few minutes, then open slowly with the two full turns counterclockwise. This will keep oil from foaming and being drawn into the vacuum pump.

- 3) Operate the vacuum pump for 20 to 30 minutes, until 600 microns of vacuum are obtained. Close valves A and B, and observe the vacuum gauge for a few minutes. A rise in pressure would indicate a possible leak or moisture remaining in the system. With valves A and B closed, stop the vacuum pump.
- 4) Remove the hose from the vacuum pump and place it on the charging cylinder. See Figure 16 B. Open valve C.
 - Discharge the line at the manifold connection.
- 5) The system is now ready for final charging.

- 6. Recharge as follows:
- Refrigeration cycle systems are charged from the high-side. If the total charge cannot be put in the high-side, the balance will be put in the suction line through the access valve which you installed as the system was opened.
- 2) Connect the charging cylinder as shown in Figure 17B.
 - With valve C open, discharge the hose at the manifold connection.
- Open valve A and allow the proper charge to enter the system. Valve B is still closed.
- 4) If more charge is required, the high-side will not take it. Close valve A.
- 5) With the unit running, open valve B and add the balance of the charge.
 - a. Do not add the liquid refrigerant to the lowside
 - b. Watch the low-side gauge; allow pressure to rise to 30 lbs.
 - c. Turn off valve B and allow pressure to drop.
 - d. Repeat steps B and C until the balance of the charge is in the system.
- 6) When satisfied the unit is operating correctly, use the pinch-off tool with the unit still running and clamp on to the pinch-off tube. Using a tube cutter, cut the pinch-off tube about 2 inches from the pinch-off tool. Use sil-fos solder and solder pinch-off tube closed. Turn off the unit, allow it to set for a while, and then test the leakage of the pinch-off connection.

Equipment needed: Vacuum pump, charging cylinder, manifold gauge, brazing equipment. pinch-off tool capable of making a vapor-proof seal, leak detector, tubing cutter, hand tools to remove components, service valve.



3. INSTALLATION

3.1 HOW TO INSTALL THE UNIT

CAUTION

- There are sharp edges that can cause serious cuts.
- When lifting the air conditioner, it is HEAVY. Use 2 people to lift.

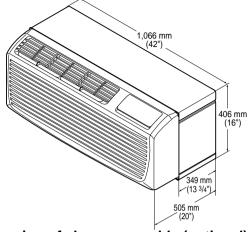
For existing sleeve, you should measure the wall sleeve dimensions

Install the new air conditioner according to these installation instructions to achieve the best performence. All wall sleeves used to mount the new air conditioner must be in good structural condition and have a rear grille that securely attaches to the sleeve or the flange of the sleeve to secure the new air conditioner.

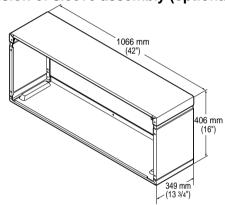
• To avoid vibration and noise, make sure the unit is installed securely and firmly.

When installing the sleeve, make certain there is nothing within 20" of the back that would interfere with heat radiation and exhaust air flow.

Dimension of air conditioner



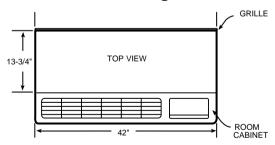
Dimension of sleeve assembly (optional)



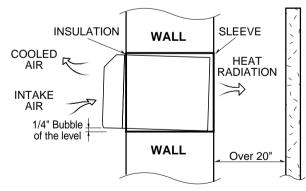
Wall opening 16-1/4"x42-1/4"

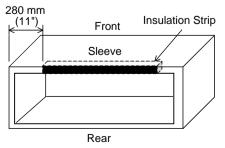
Recommended Insulation strip must be attached to prevent the re-circulation of exhaust air to inward side from the either side of condenser space. The insulation strip is provided with the box.

Refer to the diagram below.



- 1) Take out the insulation strip from the upper packing.
- 2) Attach the insulation strip onto the rear upper side of the wall sleeve.
- 3) To improve unit energy efficiency, it is recommended the change of outside grille for an unit protection and an addition of a plastic rear grille. (This is optional.)
- 4) Insulation strip prevents the exhaust air from re-entering from either side of condenser space which may decrease the cooling efficiency of condenser.





3.2 WALL SLEEVE INSTALLATION

3.2.1 Wall Case Installation Data General

Generally, units are installed 3" to 5" above the floor (flush to finished floor installation is possible) as near to the center of the room as possible; underneath a window or a glass panel is typical. Normal installation of the wall case allows installation flexibility; from flush with the finished interior wall to a minimum of 1/4" of the wall case extending beyond the finished exterior of the building.

Special consideration must be given to installations where the wall case does not extend a minimum of 1/4" beyond the finished exterior wall.

Regardless of the installation, there are several things to consider when selecting a location for installing the unit. For instance, drapery location could interfere with air discharge, and placement of furniture may have an impact on the performance of the unit. The following information is intended to minimize installation problems and assure you of trouble-free installation.

Refer to page 24 for required wall opening dimensions. Minimum recommended interior and exterior case projection for standard wall thicknesses are shown in the drawings in this manual. The case may be installed flush with the finished indoor wall.

Mounting an outdoor grille or louver section to the building face may cause a space between the outdoor coil and the louver section. Air splitters, aligned with the ends of the outdoor coil, must be installed between the outdoor coil inlet and outlet air streams. Gaps between the outdoor coil and the louver section may allow condenser air recirculation and affect the operation of the unit. See page 40 for requirements for custom louver sections.

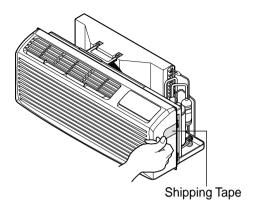
The wall case should be level from side to side and from level to 1/4 bubble tilt to the outdoors. The condensate disposal system in the unit is designed to dissipate the condensate water generated during cooling operation in accordance with ARI standards and actually uses this water for maximum unit efficiency. A level unit will also insure proper performance of the Internal Condensate Removal (ICR) system optional on heat pump units.

For new construction, early planning with the architect is necessary. Unit location, electrical connection locations, and wall openings of the proper dimensions are essential to avoid the necessity of rework, fillers, framing, moving electrical outlets, and other expensive modifications.

For existing construction it is important that carpentry, masonry and electrical work be performed by competent, qualified personnel. Since installations in existing construction may involve removal of building material from the structure, locating the wall case must be done correctly.

3.2.2 PREPARATION OF THE FRONT GRILLE

Carefully remove shipping tape from the front grille.



Brick, Frame, Stucco and Shingle Construction

For new construction, the opening for the wall case should be framed and the wall case inserted into the opening during construction. Lintels should be used when the building material is heavy and is not self supporting (such as brick). The wall case will fit an opening of six courses of standard brick or five courses of jumbo brick. Wall framing in this type construction is normally on 16" centers and the wall case will fit a framed opening spanning three 16" O.C. 2" x 4" stud spaces.

For existing construction the indoor and outdoor wall will need to be cut out, allowing for clearances of 1/8" on all sides of the wall case. Work should begin on the inside wall.

Cut the correct dimensions and mark (using drill holes) the

Cut the correct dimensions and mark (using drill holes) the outside wall from each corner of the inside cutout. Studding that interferes with the opening must be removed and a suitable frame constructed to secure the wall case and provide adequate support for case and chassis.

Preparation of the Wall Case for All Types of Construction

As shipped, the LG wall sleeve is ready for installation. Do not remove the stiffener from inside the wall case or the weather closure panel from the outside face of the wall case until the outdoor grille and chassis are ready to be installed.

Installation of Wall Case in Wall Opening

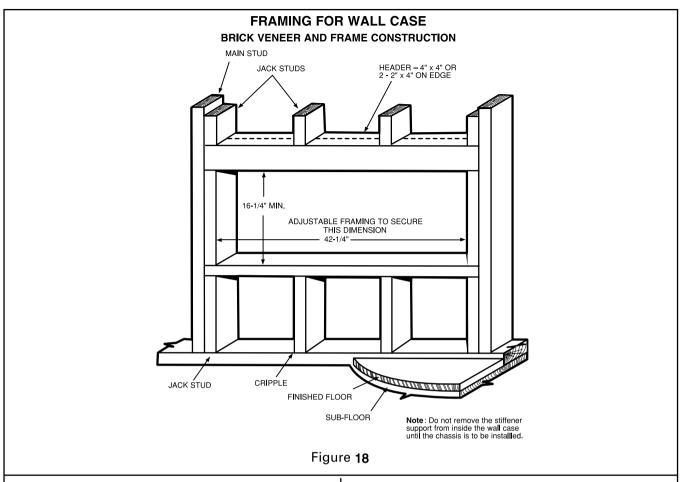
1. Position the wall case into the wall. The room side edge of the wall case should be at least flush with the finished wall for line cord installations and permanent connection installations when no sub-base is used, and should project into the room at least 2-3/8" when a sub-base is used. If the minimum exterior dimensions are not met, refer to page 23. The outside edge of the wall case should extend at least 1/4" beyond the outside wall.

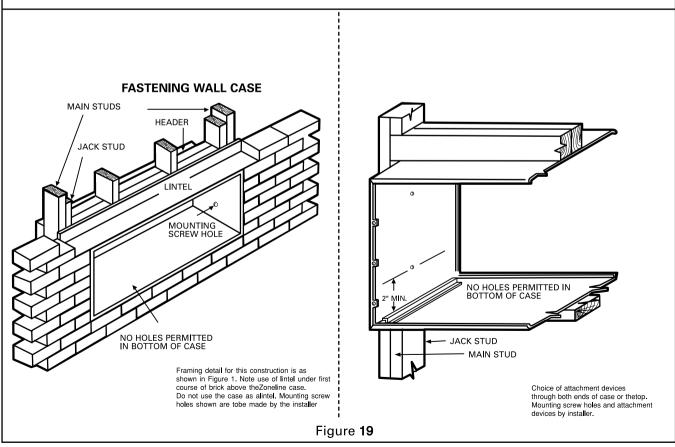
This is necessary for proper caulking, to prevent sealing thedrain holes in the rear flange of the wall case, and to facilitate the installation of an accessory drain, if used.

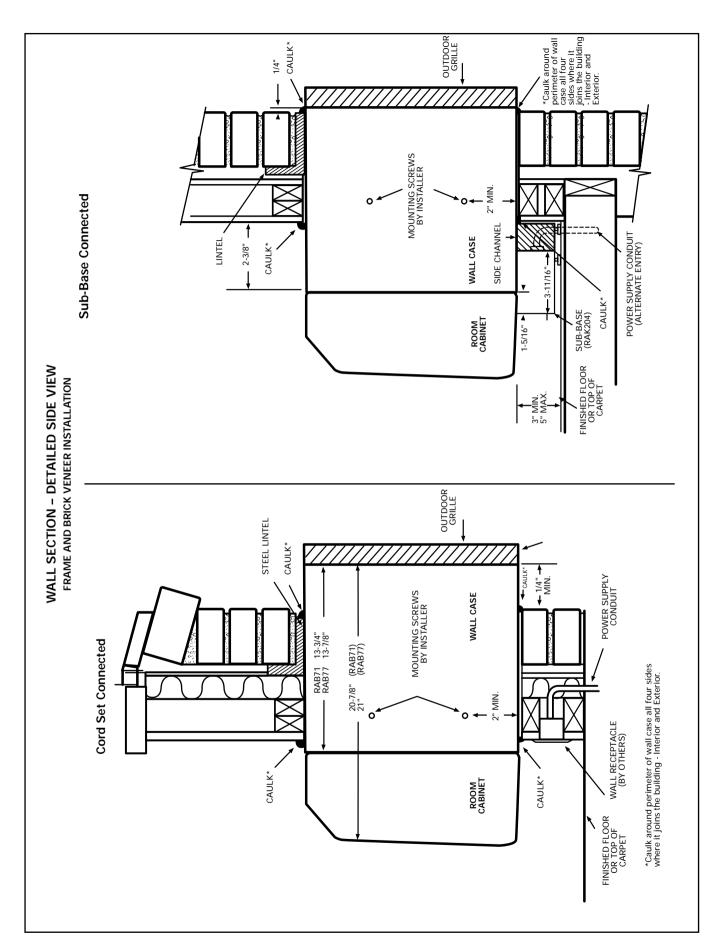
The wall case should be level from side to side and from level to 1/4 bubble tilt to the outdoors. The condensate disposal system in the unit is designed to dissipate the condensate water generated during cooling operation in accordance with ARI standards and actually uses this water for maximum unit efficiency. A level unit will also insure proper performance of the Internal Condensate Removal (ICR) system optional on heat pump units.

- 2. The wall case should be secured to the wall at both sides. Use a minimum of two screws or other fastening device on each side. See Figure 2 page 19. Mark the wall case on each side 2" from the bottom and 2" from the top at a point where basic wall structure is located. Drill wall case and use fasteners appropriate for wall construction. All holes for fasteners in the side of the wall case must be at least 2" up from the bottom of the wall case. Never locate screws or put other holes in the bottom of the wall case. If the wall opening is greater than the case dimensions, spacers must be used on the sides between the wall case and the wall support structure to prevent distorting the wall
- 3. Caulk or gasket the entire opening on the outside between the wall case and exterior wall surface (4 sides) to provide total water and air seal.
- 4. Caulk or gasket room-side opening between wall case and interior wall surface (4 sides). Opening beneath or around the wall case can allow outdoor air to leak into the room resulting in increased operating costs and improper room temperature control.

Care should be taken in location of electrical supply entry in relationship to wall sleeve to assure access to receptacle or junction box once unit is installed.

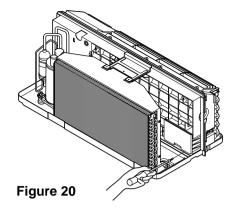




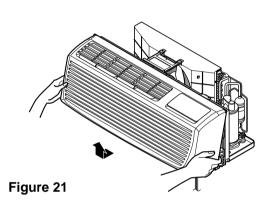


3.2.3 UNIT INSTALLATION

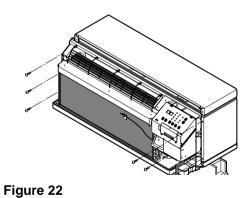
1. Remove the shipping screw from the ventilation door. (See Figure 20)

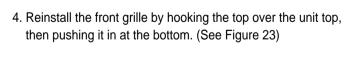


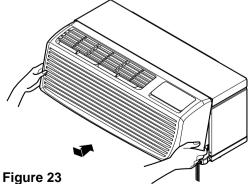
2. Remove the front gille by pulling it out at the bottom to release it, then lift it up along the unit top front. (See Figure 21)



3. Slide the unit into the wall sleeve and secure with 6 screws through the unit flange holes. (See Figure 22)







3.3 ELECTRICAL REQUIREMENTS

3.3.1 ELECTRICAL DATA (FOR 265V MODEL)

⚠ CAUTION

- 1. Do not use an extension cord with this unit.
- 2. When the unit is in the OFF position, the power supply to the electrical controls is still energized.
- 3. Disconnect the power to the unit before servicing the unit.
- 4. Remove the power cord from the wall receptacle.
- 5. Remove or turn off the protective device (fuses or circuit breaker).

Wirings including installation of the receptacle must comply with the NEC and local codes, local regulations.

FUSE- Use a time-delay fuse or circuit breaker. Refer to the nameplate for proper power supply requirements.

"If unit equipped with cords and plugs as long as they are installed with sub-bases, and the cord and plug are enclosed within the sub-base."

"The sub-base must have means for permanent connection."

"The sub-base must have an outlet for the connection of the cord and plug."

"To complete the installation of this PTAC, there must be a sub-base"



Standard 265V grounding receptacle rated 20A

Use 20AMP,time delay fuse or 20AMP circuit breaker (2500W Heater 15 AMP Circuit Breaker)



Standard 265V grounding receptacle rated 25A

Use 25AMP,time delay fuse or 25AMP circuit breaker (2500W Heater 15 AMP Circuit Breaker)

3.3.2 ELECTRICAL SAFETY

IMPORTANT GROUNDING INSTRUCTIONS

The air conditioner has a three-prong grounding plug on its power supply cord which must be plugged into properly grounded three-prong wall receptacle for your protection against possible shock hazard.

FUSE – Use a time-delay fuse or circuit breaker. Refer to the nameplate for proper power supply requirements.

265 VOLT UNITS

These units are equipped with a three-prong grounding plug on the power supply cord which must be plugged into a matching properly grounded three-prong wall receptacle for your protection against possible shock hazard. If such an outlet is not present, one must be installed by a qualified electrician in accordance with the National Electrical Code and local codes and ordinances.

NOTE: DO NOT USE AN EXTENSION CORD on 265 Volt units.

4. FIELD INSTALLED ACCESSORIES

Note: The installation and servicing of this equipment must be performed by qualifieed. experienced technicians

NOTICE:

Warnings and Cautions appear at appropriate sections throughout this manual. Read these carefully.

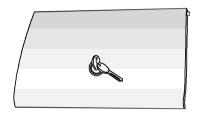
MARNING - Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION - Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

CAUTION –Indicates a situation that may result in equipment or property-damage-only accidents.

Control Panel Key Lock

Part No: AYCP101



Description

The Key Lock kit prevents tampering of the controls used to set temperatures and heating or cooling functions.

Receiving

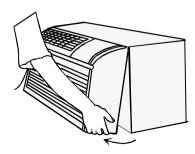
Upon receipt of the product, inspect the shipping carton for signs of visible damage. Report any damage or shortage to the carrier and note it on the delivery receipt. Unit must be stored in its original shipping carton in a dry, secure place prior to its installation and use.

Installation

The installation and servicing of the equipment referred to in this booklet should be performed by qualified, experienced technicians.

1. Remove front from unit by pulling bottom out and then lifting upward. (Figure 24)

Figure 24 - Remove Front



2. Remove existing door assembly by lifting door halfway and using both hands, bow door just enough for door hinge pins to slide out of mating holes. (Figure 25)

Figure 25 - Door Removal



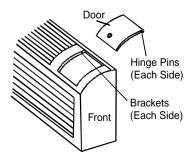
Install the new door assembly with the key lock by bowing the door with both hands and aligning the door hinge pins with their bracket in the front. (Figure 26)

Important Note:

Personal Risk Hazard Underwriter's Laboratories Inc. listed. For institutional use only where supervisory monitoring is available.

Any other use may increase the risk of personal injury or property damage.

Figure 26 - New Door Installation



Condensate Disposal Pump Kit Installation

Part No: AYSB3101

Description

The internal condensate pump serves as a means for disposing of condensate generated during heat pump operation by transferring it to the indoor coil. The warm coil surface and the warm room air help in evaporation of the condensate while adding humidity to the room.

As with any equipment of this type, the addition of this kit will decrease the effective heating capacity of the unit. This kit is not intended for use in seacoast or corrosive environments.

NOTE:

Under extreme high humidity conditions, the internal condensate pump may not be able to dispose of all the condensate produced, and condensate would then drip from the outside of the wall sleeve. If this condensation is unacceptable, then a drain system (including factory approved drain kit for the wall sleeve) should be installed.

Receiving

Upon receipt of the product, inspect the shipping carton for signs of visible damage. Report any damage or shortage to the carrier and note it on the delivery receipt. Unit must be stored in its original shipping carton in a dry, secure place prior to its installation and use.

Installation

The installation and servicing of the equipment referred to in this booklet should be performed by qualified, experienced technicians.



Hazardous Voltage!

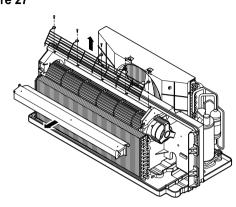
Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

Important Note:

The unit OFF switch does not disconnect all electrical power to this unit.

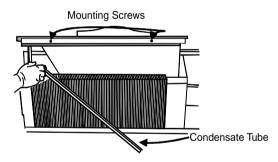
 Remove front by rotating bottom outward and then lifting up and out from chassis.

- Unplug and remove the PTAC chassis from the wallsleeve. Move the chassis where the front and back of the chassis can be easily accessed.
- Remove the top cover assembly, net steel.(Figure 27)Figure 27



- 4. Lift the heater/discharge deck assembly approximately 10 inches by unscrewing three screws (two on the left side, one on the right side of the discharge deck) holding the discharge deck to the chassis.
 - Lift upward being careful not to pinch heater wires. (Figure 28)

Figure 28

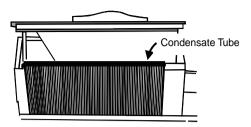


- Place coil cover on top of the evaporator coil with flanges pointing down. Make sure cover is over entire top of coil. (Figure 28)
- 6. Position the short end of the condensate tube through the back wall of the partition panel using existing hole. The condensate tube should protrude through the partition panel by 1-3/4 inches.

Rotate the condensate tube so the tube lays flat on the coil cover.

(Figures 28 & 29)

Figure 29



- 7. Position the condensate tube through existing hole (located right side of blower deck).
- 8. Make sure the holes in the condensate tube are facing inward toward the blower wheel.
- Lower the discharge deck over the condensate tube and screw the discharge deck to the chassis with the existing screws. Replace the discharge screen and screw the screen to the discharge deck with the existing screws.
- 10. Using the overflow tube holder and the overflow tube, hold the tube with the metal holder and screw the holder to the partition panel with the provided 1/2 inch #8 screw. (Figures 30 & 31)

Figure 30

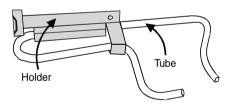
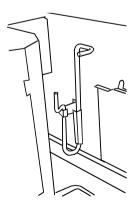
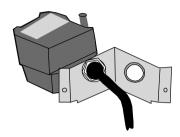


Figure 31



11. Place the pump bracket onto the end of the pump by feeding the pump cord through the hole in the bracket and pushing the bracket onto the threads of the pump. Slide the supplied washer onto the threads of the pump. Screw the pump nut onto the threads of the pump and tighten the nut so that the bracket is secure against the pump. (Figure 32)

Figure 32



12. Position the pump in the back left corner of the basepan and screw the pump bracket to the basepan with the provided two 1/2 inch #8 screws. (Figure 33)

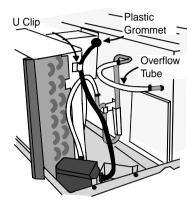
Figure 33



- 13. Remove the protective adhesive backing from the plastic U clip and mount the U clip to the plastic condenser shroud in approximately the position shown. (Figure 34)
- 14. Snap the provided round plastic grommet into the top condenser baffle. (Figure 34)

15. Place one of the hose clamps over one end of the 16-inch vinyl hose. Place the same end over the barbed discharge tube of the pump assembly. Place a hose clamp on the other end of the 16 inch hose. Place this same end over the shorter leg of the overflow tube and secure the hose with the hose clamp. (Figure 34)

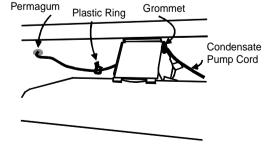
Figure 34



- 16. Place a hose clamp over one end of the 11-inch long hose. Push this same end over the longer leg of the overflow tube and secure with the hose clamp. Place another hose clamp over the other end of the 11-inch hose. Push this same end over the condensate tube protruding out from the back of the partition panel and secure with the hose clamp. (Figure 34)
- 17. Route the condensate pump cord through the U clip on the condenser shroud, through the plastic grommet in the sheet metal condenser wing, through the plastic ring in the panel, and then through the hole in the panel where the compressor wires are routed through the panel.

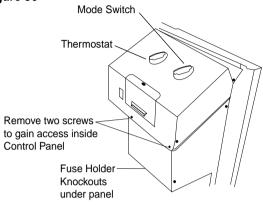
NOTE: The permagum may have to be removed to feed the wires through the panel, make sure wires have no slack and replace the permagum to prevent air leaks. (Figures 34 and 35)

Figure 35



- 18. To gain access inside the control panel, remove the knobs and escutcheon. Remove the two screws holding the panel in position. Tilt the control panel forward, being careful not to pinch any wires. (Figure 36)
- 19. Lift the control panel up so the control panel is free of its hinges. Position the control panel so there is easy access for mounting components to the control panel. (Figure 36)

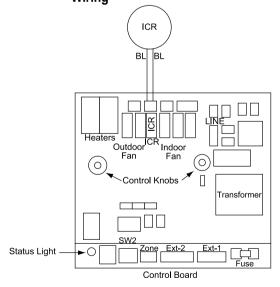
Figure 36



- 20. Connect the condensate pump to the ICR relay on the terminal board per Figure 37.
- 21. Install the basepan drain plug into the basepan drain hole by pushing it up into the drain hole from the bottom of the basepan.

This will defeat the thermostatic controlled drain valve. The basepan drain is located to the left of the outside coil (as viewed from the back of the unit).

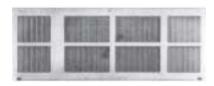
Figure 37 - Internal Condensate Removal Pump Wiring



Architecture Grille Aluminum - Single Pack

Part No: AYAGALA01

Stamped Aluminum Grille



Architecture Grille



Description

Outdoor grilles are attached to the wall sleeve and exposed to the exterior wall. The grilles are an industry standard size of 42" x 16".

Receiving

Upon receipt of the product, inspect the shipping carton for signs of visible damage. Report any damage or shortage to the carrier and note it on the delivery receipt. The unit must be stored in its original shipping carton in a dry, secure place prior to its installation and use.

Installation

The installation and servicing of the equipment referred to in this booklet should be performed by qualified, experienced technicians.



Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

Important Note:

The unit OFF switch does not disconnect all electrical power to this unit.

Note:

A baffle kit must not be used with a stamped aluminum grille on any PTAC installation.

Stamped Aluminum Grille

 Prepare the wall sleeve for installation of the grille by removing the cardboard stiffener and rear enclosure panel from the sleeve. These items may be removed from inside of the building.

Note:

The sleeve stiffener must be taken out before the rear sleeve enclosure panel can be removed from the sleeve.

- 2. Prepare the stamped aluminum grille for installation on the sleeve by inserting the six (6) plastic grommets into the square holes located near the outer edges of all four sides of the grille. With the grille positioned so the flanges of all four sides are in the up position, insert the grommets so the square end protrudes through the grille in the opposite direction from the flanges.
- 3. Turn the grille so it can be removed through the rear sleeve opening.
- 4. Install the stamped aluminum grille by aligning the guide pins located in the lower right and left hand corners of the grille with the corresponding holes in the rear of the wall sleeve.
- 5. Secure the grille by threading each of the screws into the plastic grommets.
- 6. Remove the wire handle (not shown in the picture) from the center of the grille prior to installing the chassis into the sleeve.

Note:

Be sure to keep a firm grip on wire handle and grille to prevent it from dropping and/or causing possible injury or property damage.

Architectural Grille

- Remove the cardboard sleeve stiffener and the rear enclosure of the sleeve as described in Step 1 of the stamped aluminum grille instructions.
- Turn the grille so it can be removed through the rear sleeve opening.
- 3. Install the grille by aligning the four screws supplied to their corresonding holes in the architectural grille.

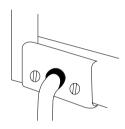
- Secure the grille to the sleeve by tightening the four screws to their corresponding holes in the grille.
- 5. Remove the wire handle after the installation is complete.

Note:

The stamped aluminum grille includes 6 screws, washers, nuts, and plastic grommets. The architectural grille includes 4 screws.

Condensate Drain kit

Part No: AYDR101



Description

Condensate water will drain from the chassis into the sleeve during normal heat pump operation. This can also occur during times of high humidity when in cooling operation. Install either the outdoor or indoor drain kit components to control the condensate water where normal drainage from the wall sleeve is not possible or undesirable. See Figure 38 for all components of the drain kit.



Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/ tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

Important Note:

The unit OFF switch does not disconnect all electrical power to this unit.

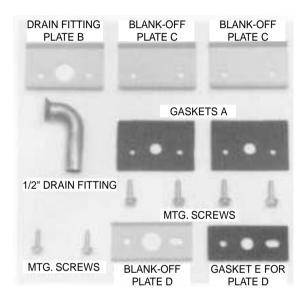
Receiving

Upon receipt of the product, inspect the shipping carton for signs of visible damage. Report any damage or shortage to the carrier and note it on the delivery receipt. The product must be stored in its original shipping carton in a dry, secure place prior to its installation and use.

Installation

The installation and servicing of the equipment referred to in this booklet should be performed by qualified, experienced technicians.

Figure 38 - Components of Drain Kits



Drain Installation

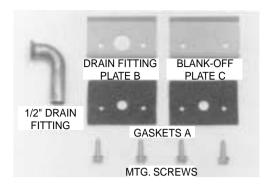
Note:

The optional drain kit serves only as a link between the unit and field-supplied condensate drain system.

Installing the kit without connecting it to a drainage system will result in inadequate condensate removal, possible leakage and corrosion.

Algaecide: Some algaecide products may cause damage to the unit basepan and therefore should not be used. Contact your sales representative when considering the use of a commercial algaecide. See Figure 38 for components of the drain kit.

Figure 39 - Outdoor Drain Kit Installation



Outdoor Drain Kit Installation

Before installing the wall sleeve louvered condenser grille, it must be determined if the optional outdoor wall sleeve drain kit is to be installed. The drain kit will allow the condensate from the outdoor and indoor coils to be routed to a suitable area. The drain kit can be installed so the condensate can be drained from the right or left hand side of the wall sleeve. See Figure 39. See local codes for proper condensate disposal.

To install the outdoor drain components proceed as follows:

- 1. Remove the rear enclosure panel and the sleeve stiffener. These items may be removed from the inside of the building.
- 2. The drain fitting can be installed on the left or right hand side of the sleeve. (Illustration will be for a right hand installation.) Insert the drain fitting in the opening of gasket A and hole of plate B. Secure this assembly to the rear of the sleeve with two sheet metal screws into holes G provided in sleeve. See Figures 40 and 41.
- 3. Locate the other gasket A on the back of blank off plate C and secure the assembly to the left rear of wall sleeve with sheet metal screws provided. See Figure 42 for finished left hand side installation.

If the unit chassis is to be installed right away, install the condenser grille to wall sleeve with hardware provided. See condenser grille installation instructions.

If the unit chassis will not be installed right away, replace the rear enclosure panel in the wall sleeve. This will help protect the inside of the building from weather damage.

If a subbase is used, be sure the right hand subbase cover is removed before the chassis is installed in the sleeve. Slide the chassis into the wall sleeve until the chassis flanges

contact the front edge of sleeve. Secure the chassis to the wall sleeve on each side with screws provided.

Re-install the cabinet front.

See the following pages for installation instructions of indoor drain kit.

Figure 41 Figure 40

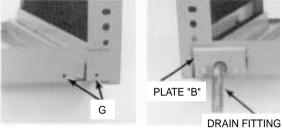


Figure 42

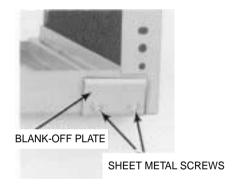
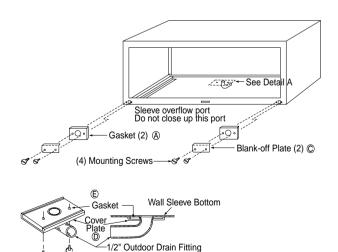


Figure 43

MTG. Screws (2)



Indoor Drain Kit Installation

The internal drain is installed on the bottom of the wall sleeve when it is required to drain the condensate into a drain system inside of the building.

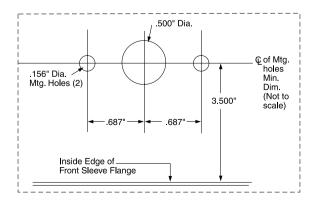
The components of the wall sleeve drain kit are shown in Detail A. Use components C (2), D, E, mounting screws (6) and the Outdoor drain fitting.

- 1. The components D, E, and drain fitting of the kit are mounted on the bottom of the wall sleeve prior to the installation of the sleeve. It may be located in a feasible area on the bottom of the sleeve which is inside of the room except when a subbase is used. When a subbase is installed, the drain may be a minimum of 3 1/2 " from the front flange of the wall sleeve. The minimum clearance should provide adequate clearance for the subbase, see Figures 43 and 44.
- 2. Cut out the template in the lower right hand corner of these instructions to locate the field drilled holes. (Two to mount the plate and one for the Outdoor drain fitting). See Detail A on how the components have to be installed after the holes are drilled in the bottom of the wall sleeve. If the drain fitting is not connected to an indoor drainage system immediately after the wall sleeve is installed, it must be plugged with a cork to prevent indoor water damage in case it rains.

An indoor tube or hose (furnished by others) must be installed on the drain fitting and interconnected to the drain system inside of the building.

Install the two blank-off plates C and gaskets A on the outdoor portion of the wall sleeve as shown in Figure 43. These components may be installed after the sleeve is secured in the wall opening just prior to the installation of the condenser grille and chassis.

Figure 44



Leveling Legs

Part No: AYLL101

Description

Leveling legs are designed to provide extra front support and leveling of the wall sleeve. Two leg assemblies are required per unit and are provided in each kit. Four screws are also provided with each kit for attachment to the wall sleeve. See Figure 45.

The leveling legs must be installed before the chassis is installed, but after the wall sleeve is in place. Holes must be drilled in each side of the wall sleeve, below the duct package holes, for attachment to the wall sleeve.

Receiving

- Compare kit identification number with sales order to ensure that the correct kit has been received.
- Inspect the leveling legs for shipping damage. File damage claims with the delivering carrier immediately.

Installation

The installation and servicing of this equipment should be performed by qualified, experienced technicians.

WARNING

Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

Important Note:

The unit OFF switch does not disconnect all electrical power to this unit.

Checklist

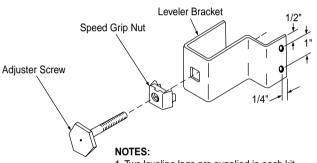
The following is an abbreviated guide to leveling leg installation. Refer to appropriate areas for more detailed information.

Leveling Leg Assembly

To install the leveling leg assembly, complete the following:

- Drill two 1/8-inch holes in each side of the wall sleeve, as shown in Figure 45, using the leveling leg assembly as a template. Locations near the front of the sleeve provide more support.
- Adjust the leveling legs to the approximate height needed and install them on either side of the wall sleeve, using the screws provided. Bottom of wall sleeve can be anywhere from three to five inches above the screw base. Caulk around screws to prevent water leaks.
- Level the sleeve horizontally from side-to-side. Provide a slight slope (one-quarter bubble in the sight glass) toward the outside. Check the level again after the unit has been installed. Adjust the legs as needed.

Figure 45 - Leveling Leg Assembly

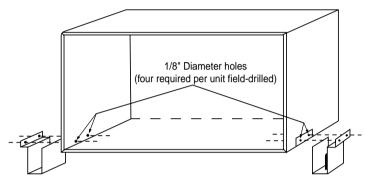


- 1. Two leveling legs are supplied in each kit.
- 2. One kit is required per unit.
- 3. Fout mounting screws are provided in each kit.

Installation on Wall Sleeve

- Drill four 1/8-inch diameter holes in the wall sleeve, two on each side, using the leveling legs as a template. Caulk around screws to prevent water leaks.
- 2. Attach the legs to the wall sleeve, using the screws provided.
- Adjust the leveling legs to level the wall sleeve from side to side and provide a slight pitch to the outside (one-quarter bubble in sight glass).

Figure 46 - Leveling Leg Installation on Wall Sleeve



Hard Wire Kit

Part No: AYAGALA01



Description

Hard Wire Junction Box (Direct Wire Sub-Base) The hard wire junction box kit is used to hard wire the unit when it is not desirable to use the standard unit subbase or the unit power cord.

The junction box provides a protected enclosure for electrical connections as required by some electrical codes.

The hard wire junction box is intended to be mounted on the floor or the adjacent wall.

The junction box is furnished with approximately 2-1/2 feet of 1/2-inch flexible steel conduit and a metal box for securing the conduit to the unit cabinet at the incoming power opening.

An optional 230/208V or 265V power switch assembly is available for use with the hard wire junction box or subbase. The switch provides a POWER ON/OFF function at the unit as required by some electrical codes.

A replacement junction box cover plate is provided with each switch kit.

For additional information, refer to the Power Switch Installation Instructions.

Receiving

Upon receipt of the product, inspect the shipping carton for signs of visible damage. Report any damage or shortage to the carrier and note it on the delivery receipt. Unit must be stored in its original shipping carton in a dry, secure place prior to its installation and use.

Installation

The installation and servicing of this equipment should performed by qualified, experienced technicians.

Junction Box Kit Installation and Wiring Procedure

Electrical connections at the unit must be made after the unit chassis is installed in the wall sleeve. The installer must determine and supply the mounting components for attaching the junction box to the wall or door.

⚠ WARNING

Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

Important Note:

The unit OFF switch does not disconnect all electrical power to this unit.

CAUTION

Use Copper Conductors Only!

Unit terminals are not designed to accept other types of conductors. Failure to use copper conductors may result in equipment damage.

Important Note:

All wiring must comply with applicable local and national codes. Types and location of disconnect switches must comply with all applicable codes.

- 1. Remove the cover plate from the junction box
- 2. Mount the junction box to the wall or floor within 28 inches (711 mm) of the lower right corner of the wall sleeve.
- If a disconnect switch is to be used, make electrical connections to it and mount the switch in the junction box. Refer to the Power Switch Installation Instructions.
- 4. Remove control panel assembly by removing the two screws holding control panel in place. Rotate the panel forward.
- 5. Disconnect the power cord leads from all electrical connections including the ground wire.
- 6. Remove the power cord clamp and the power cord from the unit.
- 7. For 208/230-volt units, remove and discard the white lead from the wire assembly. For 265-volt units, remove and discard the red lead from the wire assembly.
- 8. Remove the retaining ring from the threaded portion of the straight conduit clamp. Insert the three wires into the metal box through one of the two openings in the box. Replace the hole cover grommet into the unused hole to prevent objects from entering the box.
- 9. Replace the retaining ring back on the conduit clamp inside the metal box and tighten the ring securely.
- 10. Insert the three wires extending from the metal box into the incoming power opening on the unit so that approximately 20 inches (508 mm) of the wires protrude through the opening.
- 11. Attach the metal box to the chassis with the two screws provided.
- 12. Insert the wire tie into the 1/4-inch diameter hole located just above the incoming power opening. Tie all wires together securely with the wire tie. See Figure 48.

265 Volt Units

- 1. Remove and discard the red lead from the wire assembly .
- 2. Connect the black lead to the center terminal of the fuse holder.
- 3. Connect the white lead to the common (C) terminal on the capacitor.
- Connect the ground wire to the partition panel where the ground wire on the power cord was located.
 Use the supplied green ground screw.
- 5. Connect the white lead of the wire assembly at the junction box to the white lead of the field power source.
- 6. Connect the black lead of the wire assembly at the junction box to the black lead of the field power source.
- 7. Connect the ground wire of the field power supply to the bare ground wire of the wire assembly at the junction box.
- 8. Install the junction box cover plate.
- 9. Reinstall the control panel assembly.

Figure 48 - Mounting Hard Wire Junction Box Kit

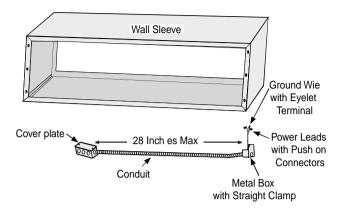


Figure 48 - Metal Box Location

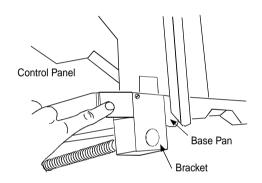
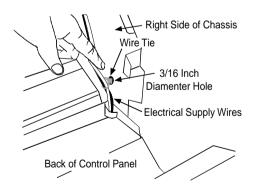
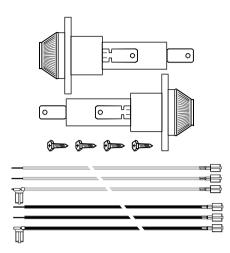


Figure 49 - Electrical Wiring Routing



Fuse Holder Kit

Part No: AYFH1101



Description

This optional fuse holder kit can be installed directly in the chassis or in the optional subbase.

Fuse holder kits are available in 230/ 208 volt ratings. The installer should supply time delay fuses at 15, 20, 25, or 30 amps in accordance with the Maximum Overcurrent Protection as listed on the unit nameplate. Fuses may be purchased from the parts department.

Note:

The installation and servicing of this equipment must be performed by qualified, experienced technicians only.

⚠ WARNING

Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/ tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

Important Note:

The unit OFF switch does not disconnect all electrical power to this unit.

CAUTION

Use Copper Conductors Only!

Unit terminals are not designed to accept other types of conductors. Failure to use copper conductors may result in equipment damage.

Important Note:

All wiring must comply with applicable local and national codes.

Type and location of fused disconnect switch(es) must comply with all applicable codes. Failure to follow these codes could result in overheating and equipment failure.

Receiving

Upon receipt of the product, inspect the shipping carton for signs of visible damage. Report any damage or shortage to the carrier and note it on the delivery receipt. Unit must be stored in its original shipping carton in a dry, secure place prior to its installation and use.

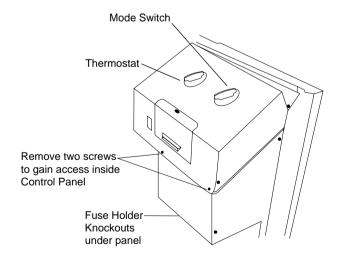
Installation

The installation and servicing of the equipment referred to in this booklet should be performed by qualified, experienced technicians.

Fuse Holder Kit Installation (Without Subbase)

 Remove front by rotating bottom outward and then lifting up and out from chassis.

Figure 50 - Control Panel



- 2. To gain access inside the control panel, after removing the knobs and escutcheon, remove the screws holding panel in position.
 - Tilt control panel forward, being careful not to pinch any wires. (Figure 50)
- 3. As viewed from the front, remove both knockouts on the control panel.
- 4. Insert two fuse holders from the front. The fuse holders should be oriented so the quick-connect tabs are toward the center of the unit. Attach fuse holders using the screws and nuts provided. (Figure 50)
- 5. Remove both power cord leads, one lead from the capacitor and one from the electronic board.
- 6. Install one power cord lead on the center terminal of one fuse holder. (Figure 51)
- 7. Install the remaining power cord lead on the center terminal of the second fuse holder. (Figure 51)
- Connect BK-10 wire from the side terminal of one fuse holder to the Line terminal on the electronic board. (Figure 50)
- Connect RD-10 wire from the side terminal of the other fuse holder to the common (C) terminal on the capacitor. (Figure 51)
- 10. Tilt control panel back to original location, being careful not to pinch any wires. Align the control panel with the cover and screw panels into place with original screws. Replace escutcheon and control knobs.

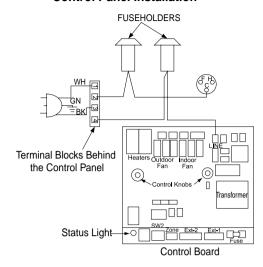
Fuse Holder Kit Installation (With Subbase)

See previous section for installation in the control panel.

- 1. Remove both knockouts at the fuse holder location. (Figure 52)
- Install the fuse holders using screws provided. The side connector tab on the fuse holders should be towards the left.
- Connect a stripped BK-9 wire to the center of the quickconnect tab of the fuse holders. Wire nut the other end of this wire to the black field connection wire (TB1). (Figure 53)
- Connect the other stripped BK-9 wire to the quick-connect tab on the side of the same fuse holder.
 Wire nut the other end to black subbase wire leading to receptacle. (Figure 53)

Figure 51 - Fuse Holder Diagram

Control Panel Installation



- 5. Connect the stripped RD-9 wire to the center quick-connect tab of the second fuse holder. Wire nut the other end to the red field connection wire (TB3). (Figure 53)
- Connect the other stripped RD-9 wire to the quick-connect tab on the side of the second fuse holder.
 Wire nut other end to red subbase wire which leads to receptacle. (Figure 53)
- 7. Insert time delay fuses into the fuse holders. Size all fuses by the Maximum Overcurrent Protection shown on the nameplate. Also refer to the serial plate on the unit.

Figure 52 - Subbase (Left Side)

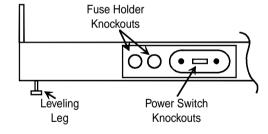
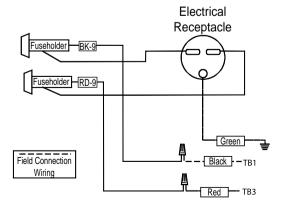


Figure 53 - Fuse Holder Diagram Subbase Installation



Remote Escutcheon Kit

Part No: AYRE110

Description

This kit provides an attractive replacement escutcheon (see Figure 54). The kit allows the removal of control knobs and graphics, which are not required when a wall thermostat is used to control the unit.

Receiving

Upon receipt of the product, inspect the shipping carton for signs of visible damage. Report any damage or shortage to the carrier and note it on the delivery receipt. The unit must be stored in its original shipping carton in a dry, secure place prior to its installation and use.

Installation

The installation and servicing of the equipment referred to in this booklet should be performed by qualified, experienced technicians.



Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/ tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

Important Note:

The unit OFF switch does not disconnect all electrical power to this unit.

Figure 51—Standard Escutcheon



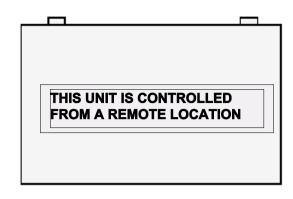
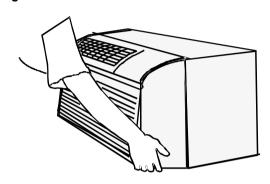
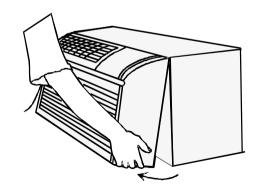


Figure 55



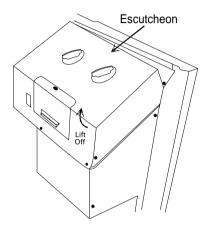
- 1. Grasp the cabinet front as shown in Figure 55.
- Pull the bottom of the cabinet front away from the chassis until the retaining clips disengage as in Figure 56.
- 3. Lift the cabinet front off the chassis.
- Lifting the front edge of the escutcheon, slide the tabs at the top of the escutcheon out of the retaining holes and remove the escutcheon. See Figure 57.

Figure 56



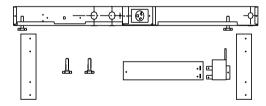
- Replace the escutcheon with the one from this kit by inserting the tabs at the top of the escutcheon into the retaining holes and laying the escutcheon flat on the control panel.
- 6. Replace the front by reversing steps 1 through 4.
- Store the control knobs and escutcheon just removed from the unit for possible reinstallation if the wall thermostat is no longer desired.

Figure 57



Subbase

Part No: AYSB3101 (265V 20A) AYSB4101 (265V 30A)



Description

The subbase may be installed on the wall sleeve before or after installing the wall sleeve. The subbase is prewired. Electrical connections can be made on the left side after the access cover is removed. A grounding screw is provided.

Receiving

Upon receipt of the product, inspect the shipping carton for signs of visible damage. Report any damage or shortage to the carrier and note it on the delivery receipt. The unit must be stored in its original shipping carton in a dry, secure place prior to its installation and use.

Installation

The installation and servicing of the equipment referred to in this booklet should be performed by qualified, experienced technicians.

⚠ WARNING

Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/ tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

Important Note:

The unit OFF switch does not disconnect all electrical power to this unit.

CAUTION

Use Copper Conductors Only!

Unit terminals are not designed to accept other types of conductors. Failure to use copper conductors may result in equipment damage.

Note:

When using a subbase, the wall sleeve must be installed a minimum of 3-1/4 inches (83 mm) above a finished floor and a minimum of 2-3/4 inches (70 mm) from a finished wall.

- Remove parts B and C (Figure 58, next page) from the subbase and join together using two metal screws provided.
 This assembly now becomes the right front cover (Part F) of the subbase. (Figure 58, next page)
- 2. Position subbase under the front of the wall sleeve.
- 3. Align the back edge of the flange on cover A (Figure 54, next page) to front of the wall sleeve flange. (Figure 60, next page)
- 4. Drill four 1/8 inch holes in wall sleeve to line up with holes in subbase. (Figure 58, Location D, next page) Mount subbase to wall sleeve with four sheet metal screws provided with kit. (Figure 58, Location D, next page)
- 5. Remove the left front cover from the subbase. (Figure 58, Part A, next page)
- Position skirting on each side of wall sleeve to prevent the entry of foreign materials. Trim skirting to desired length.
 Attach skirting with four sheet metal screws provided with kit. (Figure 58, Location E, next page)
- 7. Wire subbase for appropriate voltage (Figure 61, next page).

Note:

The proper subbase must be ordered to obtain the correct electrical receptacle. (Figure 62)

- 8. After wiring is complete, mount covers A and F to the subbase with provided screws. (Figure 59)
- 9. When installing optional accessories to the subbase, refer to each installation instruction for that accessory.

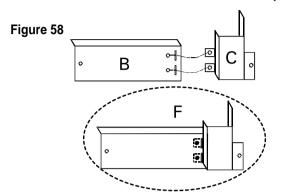


Figure 59 - Part/Location Identification

	Part/Location Identification
Α	Left Front Cover
В	Right Front Cover
С	Front Cord Panel
D	Wall Sleeve Hole Location
Е	Skirting Hole Location
F	Right Cover Assembly

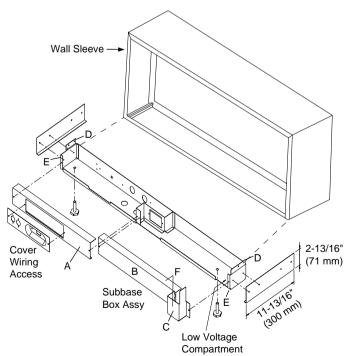


Figure 60 - Dimensions

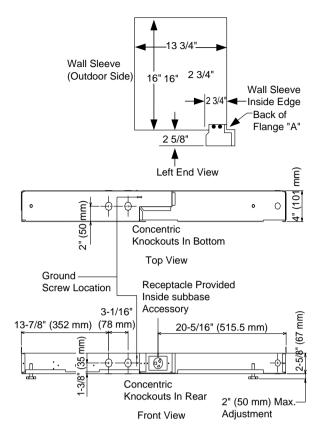


Figure 61 - Wiring Diagram

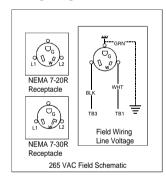


Figure 61 - NEMA Plug Configurations

Voltage	Unit Plug	Subbase Receptacle
265	NEMA7-20AMP	$ \begin{pmatrix} O_G \\ O_W \end{pmatrix} $ L2 NEMA7-20AMP
265	NEMA7-20AMP	NEMA7-20AMP
265	NEMA7-30AMP	NEMA7-30AMP

5. PERFORMANCE DATA

Air conditioner and Heat Pump Performance Data

	LP070CED1	LP090CED1	LP120CED1	LP150CED1	LP070HED1	LP150HED1	LP090HED1	LP120HED1
Voltage (V)	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60	1 / 265 / 60
Cooling Data								
Cooling Capacity (Btu/h)	7600	8900	11800	14000	7300	14400	9300	12000
Cooling Amps (A)	2.6	3.21	4.4	5.8	2.5/2.2	6.2/5.3	3.3	3.9
Cooling Power (W)	650	810	1105	1475	630/550	1565/1335	830	1155
EER (Btu/h.Watt)	11.7	11	10.7	9.5	11.6	9.2	11.2	10.4
Moisture Removal (Pts/h)	2	2.6	3.3	4.4	2	4.4	2.6	3.3
Heat Pump Heating Data								
Heating Capacity (Btu/h)	-	-	-	-	6200	13200	8000	10800
Heating Amps (A)	2.6	3.21	4.4	5.8	2.5/2.2	6.2/5.3	2.7	3.9
Heating Power (W)	650	810	1105	1475	630/550	1565/1335	690	990
COP (W/W)	-	-	-	-	3.3	2.9	3.4	3.2
Airflow								
Indoor CFM (Wet)@0.3ESP(Hi)	300	300	420	420	300	420	300	420
Indoor CFM (Wet)@0.3ESP(Lo)	255	255	355	355	255	355	255	355
Indoor CFM (Dry)@0.3ESP(Hi)	320	320	450	450	320	450	320	450
Indoor CFM (Dry)@0.3ESP(Lo)	275	275	385	385	275	385	275	385

Electric Heat Data

	LP070CED1	LP070HED1	LP090CED1	LP090HED1	LP120CED1	LP120HED1	LP150CED1	LP150HED1
Heater Size(kw)	2.0	2.0	3.7	3.7	3.7	3.7	3.7	3.7
Btu/Hr	6800	6800	11900	11900	11900	11900	11900	11900
Heating Watt	2040	2040	3740	3740	3740	3740	3740	3740
Heating Amps	7.6	7.6	14.0	14.0	14.0	14.0	14.0	14.0

Cooling Wattage-Air conditioners and Heat Pumps

Model		LP070	CED1	LP090	CED1	LP120	CED1	LP150	CED1	LP070	HED1	LP090	HED1	LP120	HED1	LP150)HED1
Temperature	Э																
Outdoor Air	Return Air	Total Wat	tage Input														
Dry Bulb	Wet Bulb	Min	Max														
Rating watt	age	620	680	780	840	1065	1145	1435	1515	600	660	800	860	1115	1195	1525	1605
	80	630	690	790	850	1075	1155	1445	1525	610	670	810	870	1125	1205	1535	1615
100	70	630	690	790	850	1075	1155	1445	1525	610	665	810	870	1125	1205	1535	1615
	60	625	685	785	845	1070	1150	1440	1520	605	660	805	865	1120	1200	1530	1610
	80	615	675	775	835	1060	1140	1430	1510	595	655	795	855	1110	1190	1520	1600
90	70	615	675	775	835	1060	1140	1430	1510	595	655	795	855	1110	1190	1520	1600
	60	610	670	770	830	1055	1135	1425	1505	590	650	790	850	1105	1185	1515	1595
	80	605	665	765	825	1050	1130	1420	1500	585	645	785	845	1100	1180	1510	1590
80	70	605	665	765	825	1050	1130	1420	1500	585	645	785	845	1100	1180	1510	1590
	60	600	660	760	820	1045	1125	1415	1495	580	640	780	840	1095	1175	1505	1585

Cooling Change of Temperature-Air conditioners and Heat Pumps

								Model									
Room Air	Room Air	LP070	CED1	LP090	CED1	LP120	CED1	LP150	CED1	LP070	HED1	LP090	HED1	LP120	HED1	LP150	HED1
Dry	Wet	Temperat	ure Across	Temperatu	ire Across	Temperatu	ure Across	Temperati	ire Across	Temperati	ure Across	Temperat	ure Across	Temperati	ire Across	Temperati	ure Across
Bulb	Bulb	Indoor C	Coil (△T)	Indoor C	oil (∆T)	Indoor C	coil (△T)	Indoor C	oil (∆T)	Indoor C	oil (∆T)	Indoor (Coil (<u>△</u> T)	Indoor C	oil (∆T)	Indoor C	Coil (△T)
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Rating Btu/	h	7450	7750	8750	9050	11650	11950	13850	14150	7150	7450	9150	9450	11850	12150	14250	14550
Rating CFM	1	185	225	230	260	300	330	315	355	185	225	230	260	300	330	315	355
	85	1	3	2	6	1	5	1	4	1	3	2	6	1	5	1	4
90	80	8	13	11	14	9	13	8	12	8	13	11	14	9	13	8	12
30	75	19	22	19	22	18	22	16	20	19	22	19	22	18	22	16	20
	70	30	33	28	30	26	30	25	27	30	33	28	30	26	30	25	27
	75	9	14	11	14	9	13	8	12	9	14	11	14	9	13	8	12
80	70	18	21	18	20	15	20	15	18	18	21	18	20	15	20	15	18
00	65	26	29	24	27	23	26	21	24	26	29	24	27	23	26	21	24
	60	35	36	32	33	29	33	29	30	35	36	32	33	29	33	29	30
	65	12	15	12	14	9	13	9	13	12	15	12	14	9	13	9	13
70	60	17	20	16	18	13	17	13	17	17	20	16	18	13	17	13	17
	55	22	24	20	22	18	21	17	21	22	24	20	22	18	21	17	21

Heating Change of Temperature - Heat Pumps

					Model					
Room Air	Room Air	LP070	HED1	LP090	HED1	LP120	HED1	LP150HED1		
Dry	Wet	Temperati	Temperature Across		ure Across	Temperati	ure Across	Temperature Across		
Bulb	Bulb	Indoor C	Coil (△T)	Indoor C	Coil (△T)	Indoor C	Coil (△T)	Indoor C	Coil (△T)	
		Min	Max	Min	Max	Min	Max	Min	Max	
Rating Btu/	h	6100	6300	7900	8100	10700	10900	13100	13300	
Rating CFN	1	220	250	260	290	330	360	350	390	
	85	22	24	24	27	27	30	28	30	
50	75	24	25	26	29	29	32	30	31	
	65	26	27	28	30	31	34	32	33	
	85	19	22	22	24	24	29	27	30	
45	75	21	24	24	26	26	30	29	31	
	65	23	25	25	28	28	32	31	33	
	85	17	20	20	22	23	27	27	30	
40	75	19	22	22	24	24	29	29	31	
	65	21	24	24	25	26	30	31	33	

Cooling Ampere Chart - Air conditioners and Heat Pumps

Cond Inlet Air	Мс	odel		del	Мс	odel	Мс	odel	Мс	del	Мс	del	Мо	del	Мс	del
Temperature	LP070	CED1	LP090	CED1	LP120	CED1	LP150	CED1	LP070	HED1	LP090)HED1	LP120	HED1	LP150	HED1
	Amp	erage	Ampe	erage	Amp	erage	Amp	erage	Amp	erage	Amp	erage	Ampe	erage	Amp	erage
	Min	Max														
Rating ampere	2.4	2.4	3.2	3.2	4.2	4.2	5.7	5.7	2.4	2.4	3.2	3.2	4.2	4.2	5.7	5.7
100	2.4	2.6	2.9	3.1	3.9	4.3	5.6	6.2	2.5	2.7	3	3.2	4.1	4.5	5.5	6.1
95	2.3	2.5	2.7	3	3.7	4.1	5.3	5.9	2.4	2.6	2.8	3.1	3.9	4.3	5.2	5.8
90	2.2	2.4	2.6	2.9	3.6	3.9	5.1	5.6	2.2	2.5	2.7	3	3.7	4.1	5	5.5
85	2.1	2.3	2.5	2.7	3.4	3.8	4.8	5.3	2.1	2.3	2.6	2.9	3.5	3.9	4.7	5.2
80	2	2.2	2.3	2.6	3.2	3.6	4.6	5.1	2.1	2.2	2.5	2.7	3.3	3.7	4.5	4.9

Heating Wattage - Heat Pumps

Temperature

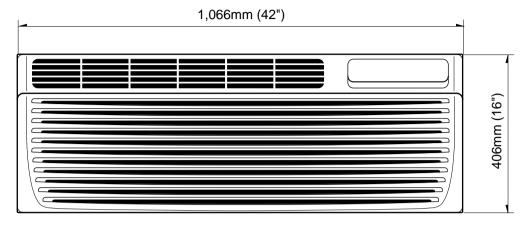
		LP070	HED1	LP090	HED1	LP120	HED1	LP150	HED1
Outside Air Dry Bulb	Room Air Dry Bulb	Total Wattage Input			Total Wattage Input		Vattage out	Total Wattage Input	
		Min	Max	Min	Max	Min	Max	Min	Max
Rating wattage		540	560	680	700	975	1005	1320	1350
	585	600	640	755	800	1065	1155	1405	1550
	80	585	620	735	785	1045	1135	1385	1525
50	75	570	610	720	770	1025	1115	1355	1500
	70	545	595	705	750	1005	1090	1335	1475
	65	530	580	685	730	980	1065	1310	1450
	85	585	620	720	770	1035	1120	1360	1490
	80	570	610	705	750	1010	1100	1335	1470
45	75	550	590	695	730	990	1090	1310	1445
	70	535	575	675	710	965	1060	1280	1420
	65	520	560	655	690	945	1040	1265	1395
	85	565	600	690	735	985	1080	1305	1435
	80	550	590	670	720	975	1060	1280	1415
40	75	535	575	650	700	955	1040	1255	1385
	70	520	555	640	685	930	1020	1230	1365
	65	500	540	620	660	910	995	1210	1335
	85	565	585	660	705	970	1050	1250	1385
	80	550	570	640	690	945	1025	1230	1355
35	75	540	555	620	675	925	1005	1200	1325
	70	520	540	610	660	900	980	1180	1295
	65	505	520	590	640	885	960	1150	1260

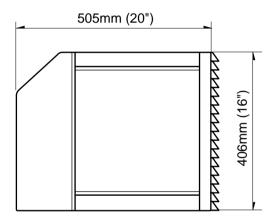
Heat Pump Reverse Cycle Heating Capacity

Model		LP070HED1	LP090HED1	LP120HED1	LP150HED1
Voltage		265	265	265	265
Amps		2.2	2.7	3.9	5.3
Watts		550	690	990	1335
Btu/h		6200	8000	10800	13200
COP		3.3	3.4	3.2	2.9
CFM(Dry)		300	300	420	420
Heating Btu/h					
Outdoor Ambient	62	7200	9700	13100	15700
	57	6900	9200	12400	14900
	52	6500	8600	11600	14100
Rating Point	47	6200	8000	10800	13200
	42	5900	7500	10100	12400
	37	5600	7000	9300	11600
	32	5300	6500	8500	10800
	27	5000	6000	7800	10000
	24	4800	5700	7400	9500
Watts					
Outdoor Ambient	62	580	745	1085	1425
	57	575	735	1055	1405
	52	555	715	1025	1370
Rating Point	47	550	690	990	1335
	42	540	670	955	1300
	37	525	650	925	1265
	32	515	635	875	1220
	27	510	605	835	1180
	24	505	590	810	1170

6. TROUBLESHOOTING GUIDE

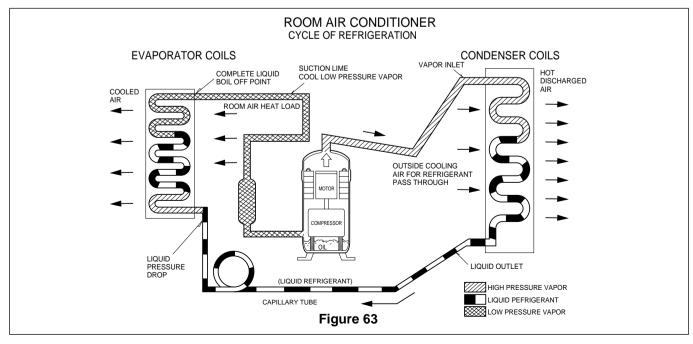
6.1 OUTSIDE DIMENSIONS





6.2 PIPING SYSTEM

Following is a brief description of the important components and their functions in the refrigeration system. Refer to Figure 63 to follow the refrigeration cycle and the flow of the refrigerant in the cooling cycle.

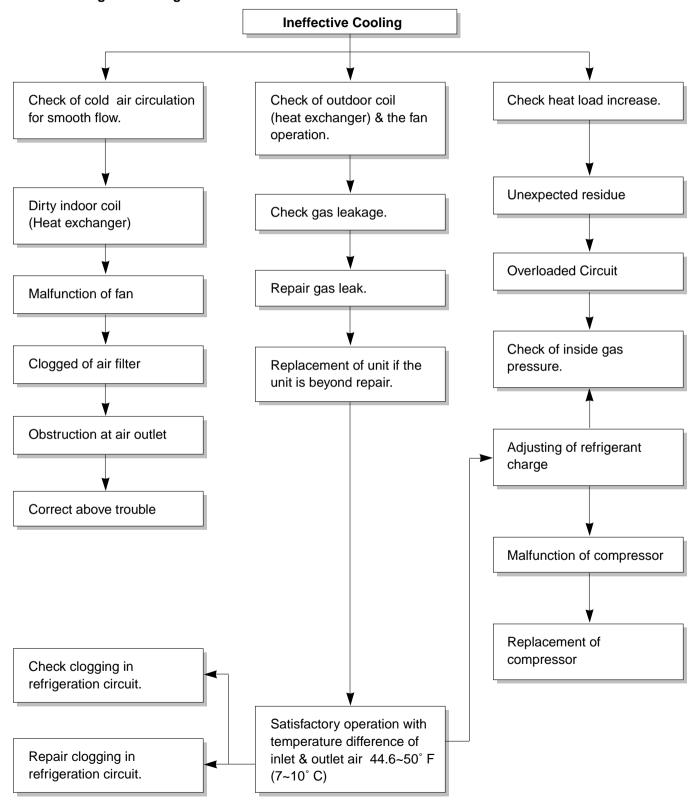


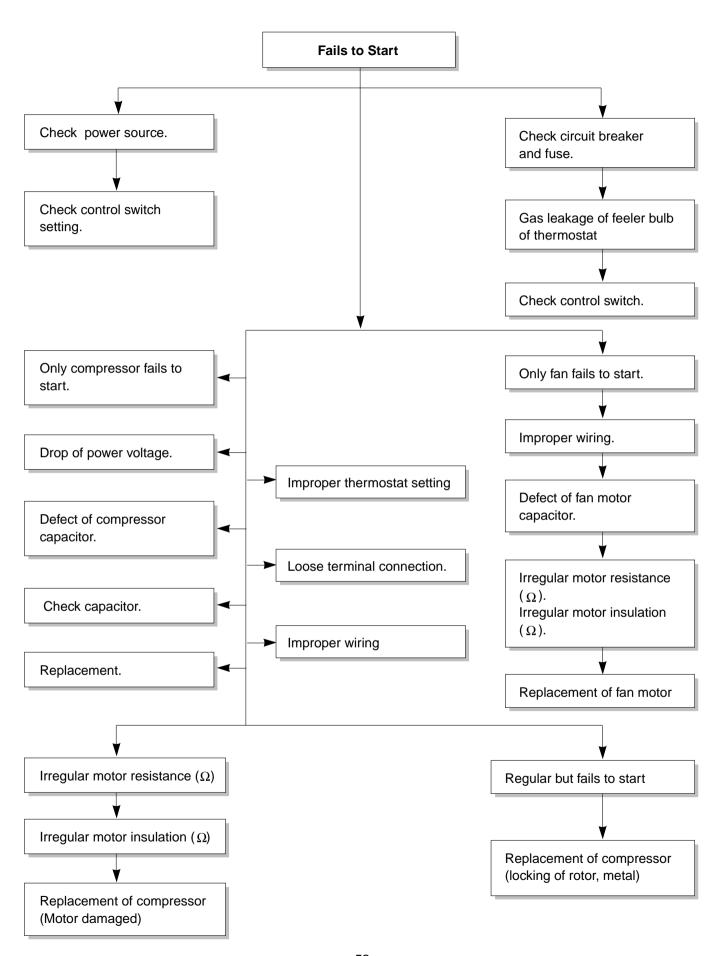
6.3 TROUBLESHOOTING GUIDE

In general, possible trouble is classified in two causes.

The one is Starting Failure which is caused from an electrical defect, and the other is Ineffective Air Conditioning caused by a defect in the refrigeration circuit and improper application.

Unit is running but cooling is ineffective





COMPLAINT	CAUSE	REMEDY					
Fan motor will not run.	No power	Check voltage at outlet. Correct if none.					
	Power supply cord	Check voltage to rotary switch. If none, check power supply cord. Replace cord if circuit is open.					
	Rotary switch	Check switch continuity. Refer to wiring diagram for terminal identification. Replace switch if defective.					
	Wire disconnected or connection loose	Connect wire. Refer to wiring diagram for terminal identification. Repair or replace loose terminal.					
	Capacitor (Discharge capacitor before testing.)	Test capacitor. Replace if not within ±10% of manufacturer's rating. Replace if shorted, open, or damaged.					
	Will not rotate	Fan blade hitting shroud or cross flow fan hitting scroll. Realign assembly.					
		Units using slinger ring condenser fans must have 1/4 to 5/16 inch clearance to the base. If it is hitting the base, shim up the bottom of the fan motor with mounting screw(s).					
		Check fan motor bearings; if motor shaft will not rotate, replace the motor.					
Fan motor runs intermittently	Revolves on overload.	Check voltage. See limits on this page. If not within limits, call an electrician.					
		Test capacitor. Check bearings. Does the fan blade rotate freely? If not, replace fan motor.					
		Pay attention to any change from high speed to low speed. If the speed does not change, replace the motor.					
Fan motor noise.	Grommets	Check grommets; if worn or missing, replace them.					
	Fan	If cracked, out of balance, or partially missing, replace it.					
	Turbo fan	If cracked, out of balance, or partially missing, replace it.					
	Loose set screw	Tighten it.					
	Worn bearings	If knocking sounds continue when running or loose, replace the motor. If the motor hums or noise appears to be internal while running, replace motor.					

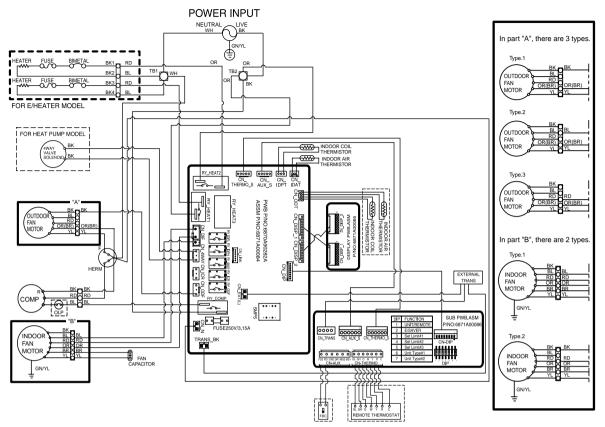
COMPLAINT	CAUSE	REMEDY
Compressor will not run, but fan motor runs.	Voltage	Check voltage. See the limits on the preceding. page. If not within limits, call an electrician.
	Wiring	Check the wire connections, if loose, repair or replace the terminal. If wires are off, refer to wiring diagram for identification, and replace. Check wire locations. If not per wiring diagram, correct.
	Rotary	Check for continuity, refer to the wiring diagram for terminal identification. Replace the switch if circuit is open.
	Thermostat	Check the position of knob If not at the coldest setting, advance the knob to this setting and restart unit. Check continuity of the thermostat. Replace thermostat if circuit is open.
	Capacitor (Discharge capacitor before servicing.)	Check the capacitor. Replace if not within ±10% of manufacturers rating. Replace if shorted, open, or damaged.
	Compressor	Check the compressor for open circuit or ground. If open or grounded, replace the compressor.
	Overload	Check the compressor overload, if externally mounted. Replace if open. (If the compressor temperature is high, remove the overload, cool it, and retest.)

ROOM AIR CONDITIONER VOLTAGE LIMITS

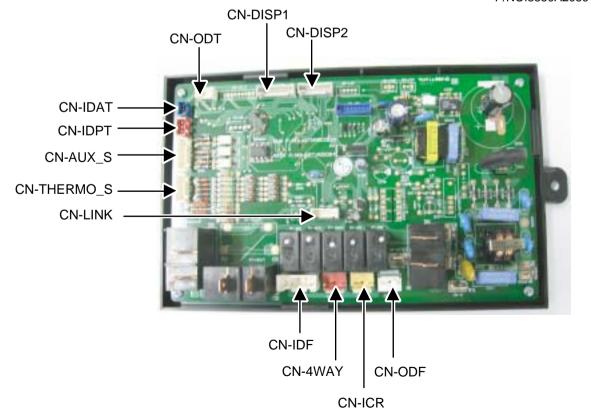
NAME PLATE RATING	MINIMUM	MAXIMUM
265V	239V	292V

COMPLAINT	CAUSE	REMEDY
Compressor cycles on overload.	Voltage	Check the voltage. See the limits on the preceding page. If not within limits, call an electrician.
	Overload	Check overload, if externally mounted. Replace if open. (If the compressor temperature is high, remove the overload, cool, and retest.)
	Fan motor	If not running, determine the cause. Replace if required.
	Condenser air flow restriction	Remove the cabinet. inspect the interior surface of the condenser; if restricted, clean carefully with a vacuum cleaner (do not damage fins) or brush. Clean the interior base before reassembling.
	Condenser fins (damaged)	If condenser fins are closed over a large area on the coil surface, head pressures will increase, causing the compressor to cycle. Straighten the fins or replace the coil.
	Capacitor	Test capacitor.
	Wiring	Check the terminals. If loose, repair or replace.
	Refrigerating system	Check the system for restriction.
Insufficient cooling or	Air filter	If restricted, clean of replace.
heating	Exhaust damper door	Close if open.
	Unit undersized	Determine if the unit is properly sized for the area to be cooled.
Excessive noise.	Cross flow fan	Check the set screw or clamp. If loose or missing, correct. If the blower or fan is hitting air guide, rearrange the air handling parts.
	Copper tubing	Carefully rearrange tubing not to contact, compressor, shroud, and barrier.

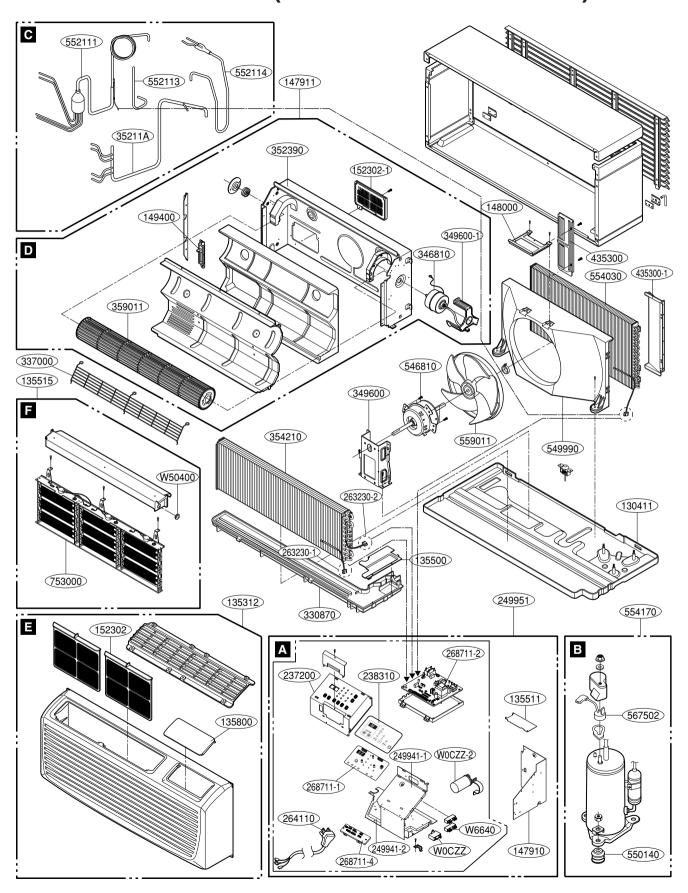
7. SCHEMATIC DIAGRAM



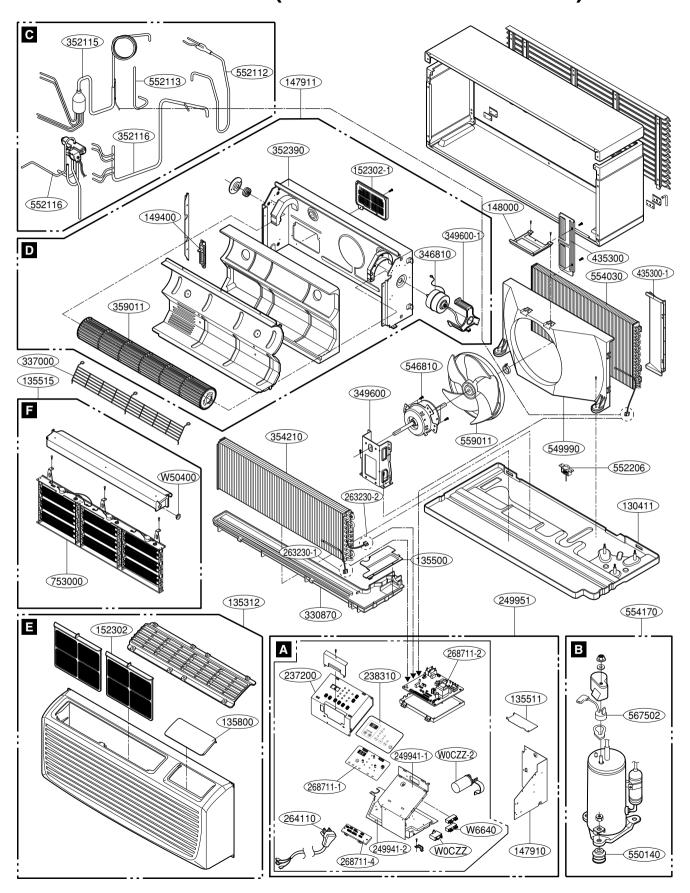
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8.1 EXPLODED VIEW(ELECTRICAL COOLING)



8.2 EXPLODED VIEW(ELECTRICAL HEATING)



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