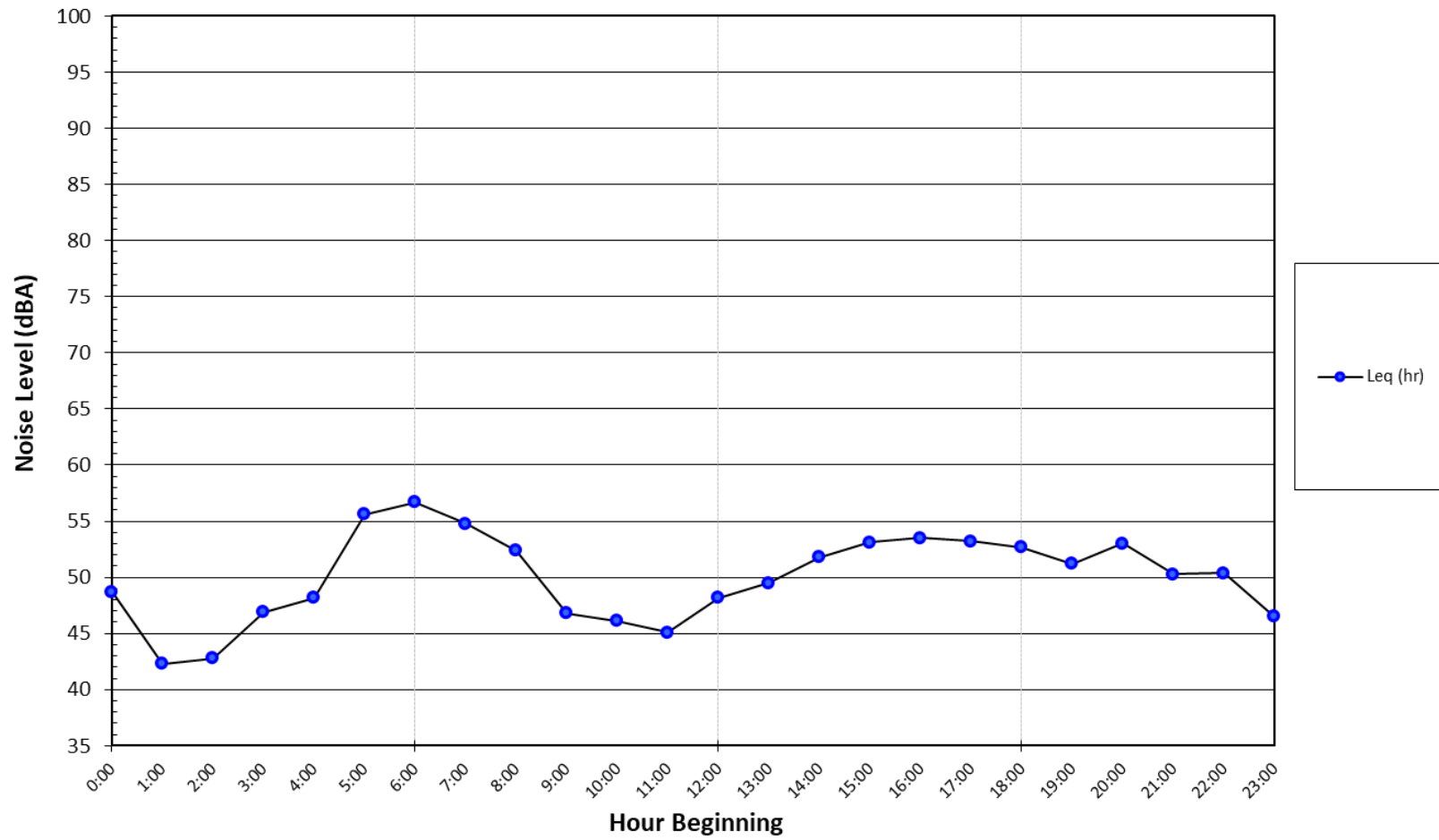


Appendix G

Noise Measurement Data and Noise Modeling Results

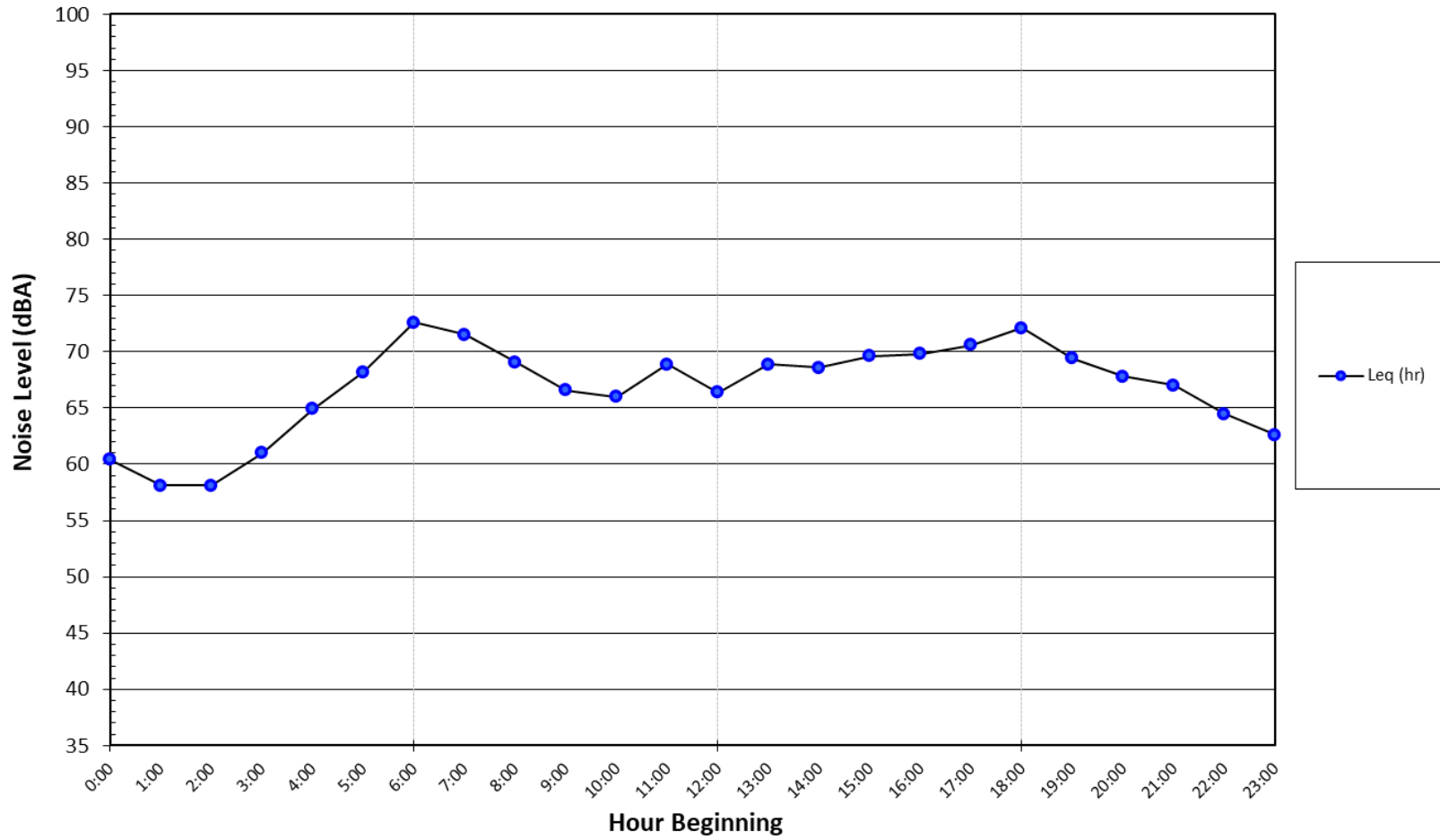
LT-1 CNEL

**Noise Levels at LT-1
Morgan Hill Annexation
Thursday, October 31, 2025**



LT-2 CNEL

**Noise Levels at LT-2
Morgan Hill Annexation
Thursday, October 31, 2025**



Appendix G

Roadway Construction Noise Model (RCNM) Results

Construction Noise

Condit		Noise Level @ 50 ft	Hampton Inn	16270 Murphy Avenue	16390 Murphy Avenue
Distance			190	305	390
Demolition		85	73.404	69.293	67.158
Site Preparation		83	71.404	67.293	65.158
Grading		84	72.404	68.293	66.158
Building Construction		79	67.404	63.293	61.158
Paving		78	66.404	62.293	60.158
Architectural Coating		74	62.404	58.293	56.158
Butterfield		Noise Level @ 50 ft	Maple Leaf RV Park	15520 Monterey Road	15570 Monterey Road
Distance			100	380	660
Demolition		85	78.98	67.38	62.59
Site Preparation		83	76.98	65.38	60.59
Grading		84	77.98	66.38	61.59
Building Construction		79	72.98	61.38	56.59
Paving		78	71.98	60.38	55.59
Architectural Coating		74	67.98	56.38	51.59
Rose Orchard		Noise Level @ 50 ft	SFR - 1092 Llagas	SFR - 18195 ROC	SFR - 18180 ROC
Distance			200	230	245
Demolition		85	72.96	71.74	71.20
Site Preparation		83	70.96	69.74	69.20
Grading		84	71.96	70.74	70.20
Building Construction		79	66.96	65.74	65.20
Paving		78	65.96	64.74	64.20
Architectural Coating		74	61.96	60.74	60.20

Construction Vibration

Condit	Vibration @ 25 ft	Single Family Res to the SW
Distance	130	
Vibratory Roller	0.21	0.018
Large Bulldozer	0.089	0.008
Loaded Trucks	0.076	0.006
Small Bulldozer	0.003	0.000
Butterfield	Vibration @ 25 ft	Single Family Res to the NE
Distance	26	
Vibratory Roller	0.21	0.198
Large Bulldozer	0.089	0.084
Loaded Trucks	0.076	0.072
Small Bulldozer	0.003	0.003
Rose Orchard	Vibration @ 25 ft	SFR to S
Distance	50	
Large Bulldozer	0.089	0.0315
Loaded Trucks	0.076	0.0269
Small Bulldozer	0.003	0.0011

Appendix G

Operational Equipment (HVAC) Specifications

*ENERGY-EFFICIENT VALUE
SPLIT SYSTEM AIR CONDITIONER
14.3 SEER2
1½ To 5 TONS*



Contents

Nomenclature..... 2
Product Specifications..... 3
Dimensions 4
Wiring Diagrams 5
Accessories 7

Standard Features

- Energy-Efficient Compressor
- Copper tube/ enhanced aluminum fin coil-5mm diameter on 1.5-4.0T
- Factory-installed filter drier
- Fully charged for 15' of tubing length
- Service valves with sweat connections and easy-to-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified
- ETL Listed

Cabinet Features

- Removable grille-style top design compliant with UL 60335-2-40
- Venturi for increased velocity of airflow
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Steel louver coil guard
- Rust-resistant coated screws
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	GSXN4 01810A*	GSXN4 02410A*	GSXN4 03010A*	GSXN4 03610A*	GSXN4 04210A*	GSXN4 04810A*	GSXN4 06010A*
CAPACITIES							
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels (dBA)	71.0	72.0	72.0	72.0	71.0	73.0	75.0
COMPRESSOR							
RLA	6.1	8.4	11.6	16	17.7	19.9	25.6
LRA	35.1	41.2	59	91.9	110.2	110	150
Stage	Single	Single	Single	Single	Single	Single	Single
Type	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR							
Motor Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
Horsepower	1/8	1/8	1/6	1/6	1/6	1/4	1/4
FLA	0.70	0.70	0.95	0.95	0.97	1.30	1.30
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{2,3}	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge ⁴	65	71	79	95	107	120	181
ELECTRICAL DATA							
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ⁵	8.3	11.2	15.5	21.0	23.1	26.2	33.3
Max. Overcurrent Protection ⁶	15	15	25	35	40	45	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)							
	118	138	156	188	226	226	260
SHIP WEIGHT (LBS)							
	136	153	180	210	248	248	282

¹ Line sizes denoted for 25' line sets, tested and rated in accordance with ARI Standard 210/240. For other line set lengths or sizes, refer to the Installation Instructions and/or the Long Line Set Applications guide.

² Installer will need to supply 3/8" to 3/8" adapters for suction line connections.

³ Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

⁴ Unit is factory charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per the Final Charge Adjustment procedure found in the Installation Instructions.

⁵ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

⁶ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.