



# SUBMITTAL DATA - MINI-SPLIT SYSTEMS

## (1) MS8-ZO-24P3 with (1) MS8-HI-09P1 + (1) MS8-HI-18P1

### Multi-Zone Heat Pump

Job: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Schedule No.: \_\_\_\_\_  
 System Designation: \_\_\_\_\_

Engineer: \_\_\_\_\_  
 Architect: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 For:  Reference  Approval  Review  Construction

#### FEATURES

- Variable Frequency Rotary Compressor (R-410A)
- DC Inverter Control
- Compressor Crankcase Heater
- High Pressure Discharge Temperature Protection
- Reversing Valve
- Defrost Control
- Low Voltage Protection
- Indoor Coil Freeze Protection
- Indoor Unit Microprocessor
- Oscillating Air Deflection Louvers
- Turbo Function Blower
- Wireless Remote Control

#### PRODUCT WARRANTY

Compressor - limited warranty for five years.  
 All other covered components - five years in residential installations and one year in non-residential installations.

#### OUTDOOR UNIT - MS8-ZO-24P3

Number of Zones	2
SEER/EER	16.00 / 8.20
HSPF - Region IV	8.20
AHRI Reference No.	5454433
Cooling Capacity (Btuh)	26,000
Heating Capacity (Btuh)	High 29,000 Low 17,000
Ambient Temp. Operating Range (°F)	Cooling 23 to 118 Heating 5 to 80
Connections	Liquid line o.d. - flare 1/4 (in.) Suction line o.d. - flare 3/8
Refrigerant (R-410A) furnished	4 lbs. 8 oz.
Outdoor Fan Motor	Diameter - in. 20-1/2 No. of blades 3 Cfm (High/Standard/Low) 3300/2900/2400 Rpm (High/Standard/Low) 690/600/500 Watts 60
Shipping Data - lbs.	148

#### ELECTRICAL DATA

Line voltage data - 60 hz - 1ph	208 / 230V
Maximum overcurrent protection (amps)	40
Minimum circuit ampacity	25
Compressor	Locked rotor amps 45 Rated load amps 13
Compressor	High 650 / 980
Power Input (W) Cooling/Heating	Standard 3050 / 2800 Low 4500 / 3950
Outdoor Fan Motor	Rated load amps 0.59 Output (W) 60

#### OPTIONAL ACCESSORIES - OUTDOOR

Description	Cat. No.
Condenser Pad (18 x 36 x 2)	48X92
Disconnects	30 amp, fused, 1 ph 27P37 60 amp, non-fused, 1 ph 27P39
Fuses	30A 83P75 60A 83P77
Line Sets	1/4 in. x 3/8 in. x 25 ft. 90X53 1/4 in. x 3/8 in. x 50 ft. X0258 1/4 in. x 1/2 in. x 25 ft. 90X52 1/4 in. x 1/2 in. x 50 ft. X0259
Male Flare Adaptor	5/16 in. quick connect x 1/4 in. MF Y0576
Wall Bracket	30 in. Y5020
Whips	10 Gauge - 1/2 in. x 6 ft. 29P54 8 Gauge - 3/4 in. x 6 ft. 27P44

<sup>1</sup> Two 3/8 to 1/2 in. refrigerant line adaptors are furnished with MS8-ZO-24P3 and MS8-ZO-30P4 outdoor units for the suction line connection to the outdoor unit when 1/4 in. x 1/2 in. line sets are used with MS8-HI-18P1 indoor units.

#### INDOOR UNIT - MS8-HI-09P1 / MSI-HI-18P1

Model No.	(1) MS8-HI-09P1	(1) MS8-HI-18P1
Connections (in.) o.d. flare	Liquid/Suction 1/4 / 3/8	1/4 / 1/2
Line Sets Required	(1) 1/4 in. x 3/8 in.	<sup>1</sup> (1) 1/4 in. x 1/2 in.
Indoor Blower	Maximum 305	500
Air Volume	High 275 Medium 255 Low 220	460 385 325
Indoor Blower	D x L (in.) 3.6 x 25.4	3.9 x 28.0
Shipping Data - lbs.	31	38

#### ELECTRICAL DATA

Line voltage data - 60 hz - 1ph	208/230V	208/230V
Rated Load Amps	0.20	0.32
Output (W)	20	20

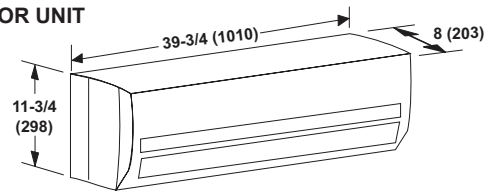
#### OPTIONAL ACCESSORIES - INDOOR

Condensate Pump		
3.70 US gph, 26 ft. lift - 115V	X8250	X8250
3.70 US gph, 26 ft. lift, 230V	X8251	X8251
7.9 US gph, 35 ft. lift - 120/240V	Y5170	Y5170
Indoor/Outdoor Wiring Cable		
14 Gauge, 4 conductor wire, THHN, 250 ft.	Y2067	Y2067
Wireless Remote Control Holder	Y5073	Y5073

#### SOUND DATA (Sound Rating Number dBA)

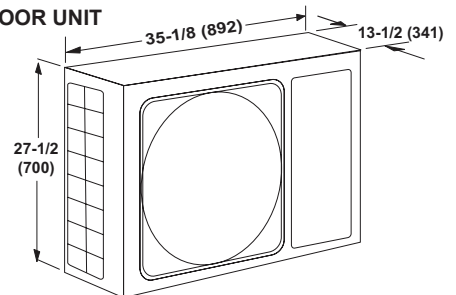
Outdoor Unit Pressure	59	
Indoor Unit Pressure	Low	32
	Medium	35
	High	38
	Maximum	42
		49

#### INDOOR UNIT



WIRELESS REMOTE CONTROL

#### OUTDOOR UNIT



Intertek

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.