

Submission Data: 18RLXFWH Inverter Driven Heat Pump **18,000 BTU Wall Mount**

Job Name: Bethany Louisos
 Location: 14 Grove Street
 Engineer: n/a
 Submitted to: City of Portland
 Submitted by: Hoggin Energy
 Reference: n/a

Date: 11-16-17
 Approval: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

General Features

- Wired or wireless remote
- Apple catechin filter
- Ion deodorizing filter
- Auto louver: up/down
- Auto louver: 4-way
- Low ambient cooling
- Cold prevention
- Sleep timer
- Base pan heater
- Blue fin coating
- Standard Warranty: 5 years parts, 7 years compressor. Applies to systems purchased before June 1st 2015*
- Extended Warranty: 10 years parts, 10 years compressor. Systems that have been installed on or after June 1st 2015 by licensed contractors and the online Product Registration has been submitted.**
- Elite Contractor Extended Warranty: 12 years parts, 12 years compressor. Systems that have been installed on or after June 1st 2015 by contractors who have met requirements and have been approved for elite contractor status plus, the online Product Registration has been submitted. ***

Model Information

Condenser.....	AOU18RLXFWH
Evaporator.....	ASU18RLF
Electric	208/230 V AC 1ph-60HZ
Available Voltage Range.....	187 - 253 V +/- 10%
Max Fuse Size.....	20 A
Max Operating Current (Evaporator).....	14.5 A
Starting Current (Condenser).....	8.0 A
Input Power (Rated)	
Cooling.....	1.35 kW
Heating.....	1.75 kW
Running Current	
Cooling.....	6.2 A
Heating.....	7.8 A

Capacity

Nominal Cooling.....	18,000 Btu/h
Min-Max Cooling.....	7,000 – 23,000 Btu/h
Nominal Heating.....	21,600 Btu/h
Min-Max Heating.....	7,000 – 29,000 Btu/h

Compressor

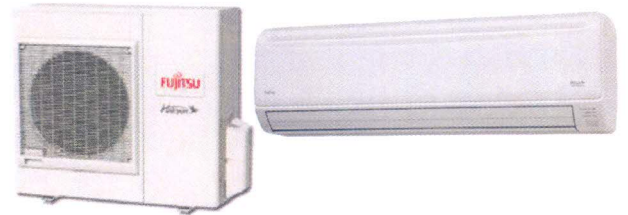
Motor Output.....	2,100 W
Refrigerant.....	R410a
Charge.....	4 lbs. 10.1 oz.
Oil.....	POE (RB68)

Fan Motor

Type: DC (condenser).....	Propeller x1
Type: DC (evaporator).....	Cross flow fan x1
Motor Output (condenser).....	100 W
Motor Output (evaporator).....	53 W

Heat Exchanger

Condenser	
(H x W x D) in. (mm).....	31-7/16 x 35-7/16 x 1-7/16 (798x900x36.4)
Fin Pitch.....	20 FPI
Rows x Stages.....	2 x 38
Pipe Type (Material).....	Copper
Fin Type (Material).....	Corrugate (Blue Fin) (Aluminum)



Operation Temperature Range

Cooling.....	-5°F to 115°F (-20°C - 46°C)
Heating.....	-15°F to 75°F (-26°C - 24°C)

Efficiency

SEER.....	20.0
EER (cooling).....	3.90 kW/kW
COP (heating).....	3.62 kW/kW
HSPF (heating).....	10.4 Btu/hW

Enclosure

Material	
Evaporator.....	Polystyrene
Condenser.....	Steel Sheet
Color	
Condenser.....	Beige (10 YR 7.5/1.0 NN)
Evaporator.....	White

Sound Pressure Level

Condenser (max).....	50 dB(A)
Evaporator (max).....	44 dB(A)

Dimensions

H x W x D	
Condenser in. (mm).....	32-11/16 x 35-7/16 x 13 (830x900x330)
Evaporator in. (mm).....	12-5/8 x 39-1/4 x 9 (320x998x228)

Connection Pipe

Liquid.....	Ø3/8 in. (Ø9.52 mm)
Gas.....	Ø5/8 in. (Ø15.88 mm)
Method (Liquid/Gas).....	Flare
Max Length {(Pre-charge)}.....	164 ft. (50 m) {(66 ft.) (20 m)}
Max Height Difference.....	98 ft. (30 m)

Weight

Condenser.....	135 lbs. (61 kg)
Evaporator.....	31 lbs. (14 kg)

Accessories

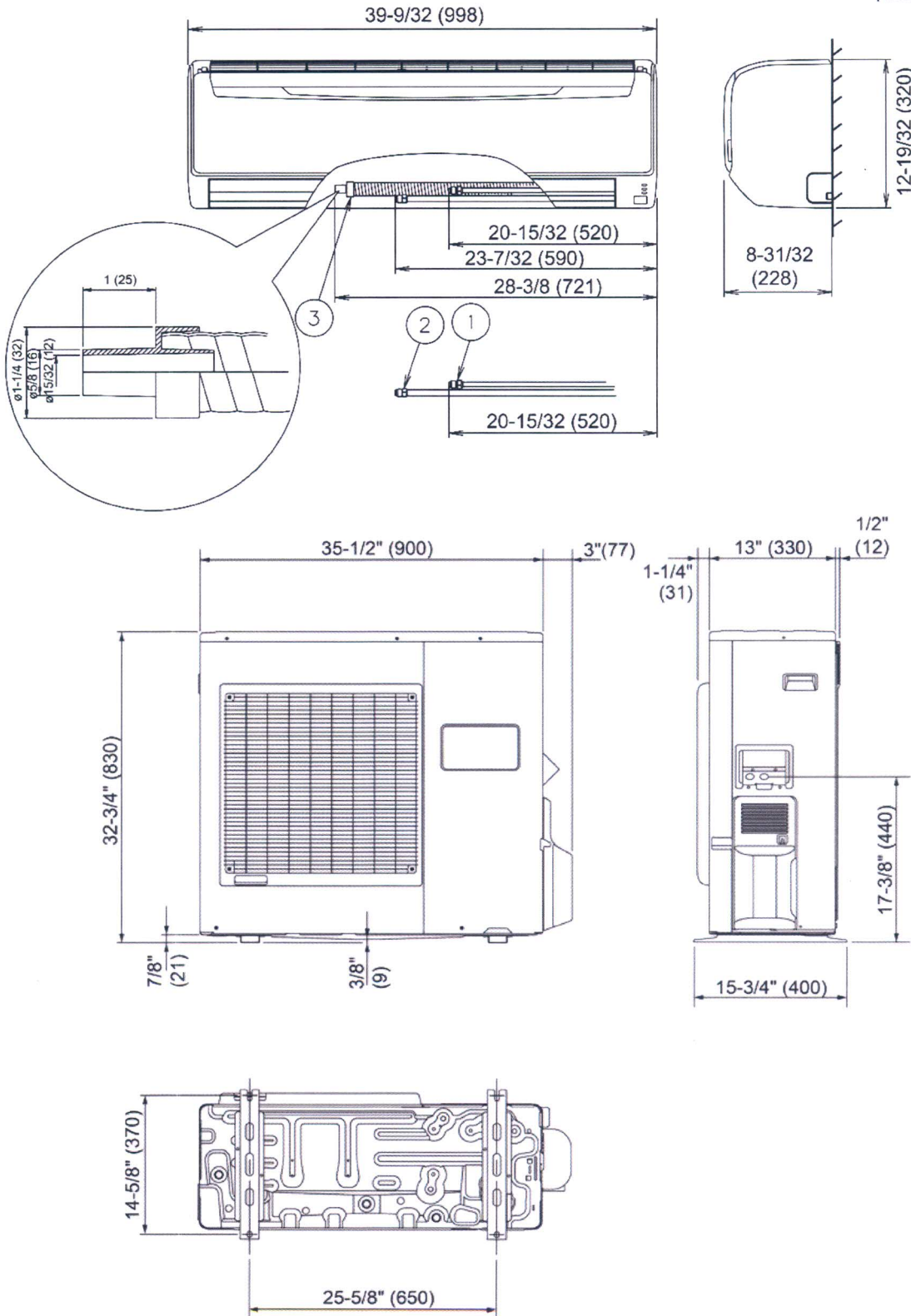
UTY-RNNUM.....	Wired remote control
UTY-RVNUM.....	Wired remote control
UTY-RSNUM.....	Wired remote control (simple)
UTY-XWZZ5.....	Dry contact wire kit

Note: Specifications are based on the following conditions.
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.44°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.
 Heating: Indoor temperature of 70°F (21.11°C) DB/59°F (15°C) WB, and outdoor temperature of 47°F (8.33°C) DB/43°F (6.11°C) WB.
 Pipe length: 24ft. 7in. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit)



Dimensions: 18RLXFWH

[Unit: in. (mm)]



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