Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/16/15

FUJITSU

Halcyon XLTH
Extra Low Temperature Heating

Submittal Data: 15RLS3H — **15,000 BTU Heat Pump System**
Inverter Driven Heat Pump

Job Name: PAPAGNI
Date: 4/20/2015
Location: 727 CONGRESS ST. #6
Approval:
Engineer:
Construction:
Submitted to:
Unit #:
Submitted by: MAIETTA/TITUS/BLASCHKE
Drawing #:
Reference:

General Features

- Refrigerant Type R410A.
- Human Sensor
- Wired and wireless remote controllers
- Double swing automatic
- Automatic airflow adjustment
- Low noise mode
- Powerful mode
- 5- Years Parts, 7-Years Compressor Warranty (See Warranty Statement for details)
- Program timer
- Weekly time

Model Information
Outdoor AOU15RLS3H
Indoor ASU15RLS3

Electrical ..... 208/230V AC 1ph-60Hz
Available Voltage Range ..... 208/230 +/- 10%
Minimum Circuit Ampacity ..... 18.2 A
Max Fuse Size 20A
Max Starting Current ..... 5.2 A

Input Power
Cooling ..... 1.04 kW
Heating ..... 1.15 kW

Running Current
Cooling ..... 4.8 A
Heating ..... 5.2 A

Capacity
Nominal Cooling ..... 15,000 Btu
Min-Max Cooling ..... 3,100–18,400 Btu/h
Nominal Heating ..... 18,000 Btu/h
Min-Max Heating ..... 3,100-23,900 Btu/h

Compressor ..... Rotary (inv x1)
Motor Output ..... 1,000 W
Refrigerant R410a
Charge ..... 3 lbs. 1 oz
Oil ..... FREOL α68SZ

Fan Motor
(Condenser) Type: DC ..... Propeller x 1
(Condenser) Motor Output ..... 49 W
(Evaporator) Type: DC ..... Cross flow fan x1
(Evaporator) Motor Output ..... 61 W

Heat Exchanger {Condenser (C) Evaporator (E)}
Dimensions (H x W x D)
Condenser ..... 23-1/8 x 34-11/16 x 1-7/16 in. (588x881x36.4 mm)
Evaporator ..... Main 15-1/8 x 28-3/8 x 1-3/16 in. (384x720x30) Sub 3-5/16 x 28-3/8 x ½ in. (84x720x13.3 mm) 4-15/16 x 28-3/8 x ½ in. (126x720x13.3 mm)
Fin Pitch ..... 20 FPI (C) Main 21 FPI Sub 18 FPI (E)
Rows x Stages ..... 2 x 28 (C) Main 3 x 24 Sub 1 x 10 (E)
Pipe Type (Material) ..... Copper (C) Copper (E)
Fin Type (Material) ..... Aluminum (C) Aluminum (E)

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)

Operation Temperature Range
Cooling ..... 14°F (-10°C) to 115°F (46°C)
Heating ..... -15°F (-26°C) to 75°F (24°C)

Efficiency
SEER 25.3
EER (cooling) ..... 4.09 kW/kW
COP (heating) ..... 4.59 kW/kW / 15.7 Btu/hW
HSPF (heating) ..... 13.4 Btu/hW

Enclosure (Condenser)
Material ..... Painted galvanized steel
Color ..... Beige (10 YR 7.5/1.0 NN)

Sound Pressure Level
Outdoor ..... 49 dB(A)
Indoor ..... 45 dB(A)

Dimensions
H x W x D
Outdoor in. (mm) ..... 24-1/2 (620) x 31-1/8 (790) x 11-7/16 (290)
Indoor in. (mm) ..... 11- 5/8 (295) x 37 (940) x 10-5/8 (270)

Connection Pipe
Liquid ..... 1/4" / 6.35 mm Flare
Gas ..... 1/2" / 12.7 mm Flare
Method (Liquid/Gas) ..... Brazing
Max Length (Pre-charge) ..... 66 ft.(20 m) / (49 ft. {15 m})
Max Height Difference ..... 49 ft. (15 m)

Weight
Outdoor ..... 88 lbs (40 kg)
Indoor ..... 31 lbs (14 kg)

Accessories
Wired Remote Controller ..... UTY-RVNUM
Wired Remote Controller ..... UTY-RNNUM
Simple Remote Controller ..... UTY-RSNUM
Communication Kit UTY-TWBXF1
External Connection Kit UTY-XWZXZ5

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