

SUBMITTAL AOUA72ULBV5

AIRSTAGE VU-V

1 X (AOUA72ULBV5)

14 to 126[-10 to 52] / 5 to 126[-15 to 52]

LonWorks (Fujitsu Pink Cable. See bulletin A20221205A)

-15 to 70[-26 to 21]

14 to 70[-10 to 21]

6 ton HP/HR Outdoor unit, 208/230 VAC, 3-phase, 60 Hz

Job Name	
Location	
Engineer	
Submitted To	
Submitted By	

Date Approval Construction Unit No **Drawing No**

Features

- Compact outdoor unit with single chassis up to 16 tons
- Extended heating capacity to -15 F and cooling to 126 F
- Heat pump and Heat Recovery options with same SKU
- Up to 64 indoor units connectable to 36 ton System
- High static pressure of 0.44 in. W.C on the outdoor fan
- · Base pan heater Standard

Reference

- · Intelligent refrigerant control and operation logic
- · Inverter driven scroll compressor and large accumulator
- · 10 year Extended Warranty on parts and compressor. See Warranty Statement.



CAPACITY	
Nominal Cooling Capacity - BTU/h [kW]	72,000 [21.1]
Nominal Heating Capacity - BTU/h [kW]	81,000 [23.7]
Nominal Tonage - Ton(s)	6
Maximum Connectable Indoor Units	16
Connectable Capacity	25% to 150%
Cooling Power Input (HR/HP) - kW	4.46/5.17
Heating Power Input (HR/HP) - kW	4.56/5.56
Unit Group	AOUA72ULBV5



EFFICIENCY	
EER Cooling (Non Ducted/Ducted)	12.3/14.9
High COP (Non Ducted/ Ducted)	3.77/4.42
Low COP (Non Ducted/ Ducted)	2.65/2.45
IEER (Non Ducted/ Ducted)	29.0/21.20
SCHE (Non Ducted/ Ducted)	34.60/26.50
WIRING	

OUTDOOR TEMPERATURE OPERATION RANGE Operating Temp. Cooling (HR/HP) - °F [°C]

Operating Temp. Cooling/Heating Simultaneous(HR) - °F [°C]

Operating Temp. Heating (HR/HP) - °F [°C]

Communication Cable

ELECTRICAL

Electrical Power Requirements	208/230 V ~ 60 Hz
Voltage Range	187-253
Maximum Circuit Breaker - A	40
Minimum Circuit Ampacity (MCA) - A	29.3
Cooling Power Input (HR/HP) - kW	4.46/5.17
Heating Power Input (HR/HP) - kW	4.95/5.56
Maximum Starting Current (MSC) - A	23
Compressor - Rated Load Amperage (RLA) - A	19.7
Fan Motor - Full Load Amperage (FLA) - A	3.3
COMPRESSOR	

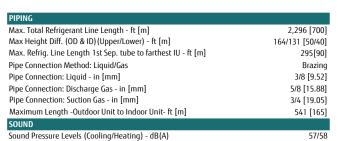
COMPRESSOR	
Compressor Type	Scroll (inv)
Refrigerant Type	R410A
Refrigerant Charge - lbs [kg]	25.79[11.7]
Compressor Crankcase Heater - W	2 X 35
Refrigerant Oil / Lubricant	PVE
Compressor Capacity Control - Steps/Range	106 stens/ 12.5 to 100%

Compressor Starting Current - SC (A)	. 23
FAN	
Fan Type	Proppeller fan x 1
Fan Aidlan, Data CFM [m2/h]	(522[11 100]

Fan Airflow Rate - CFM [m3/h]	6533[11,100]
Fan Power Output - W	740
Fan Motor - Full Load Amperage (FLA) - A	3.3
External Static Pressure (Max) - in.WG [Pa]	0.32[80]
Motor Output Direct-Drive Inverter - kW	0.74

HEAT EXCHANGER H. E. Pipe Type (Material)

H. E. Pipe Type (Material)	Grooved H-pin (Copper)
H. E. Fin Tube (Material)	Corrugate (Aluminum)
H. E. Fin Surface Treatment	Corrosion resistance (Blue fin)
H. E. Fin Pitch - FPI [mm]	18 [1.45]
H. E. Rows x Stages	3 x 60
H. E. Face Area - Ft ² [m ²]	24[2.2]
H. E. Length - in [mm]	69-5/16 [1760]



WEIGHT

Net Weight - lbs [kg]	569[258]
Gross Weight - lbs [kg]	635[288]

Dim.Net (HxWxD) - in [mm]	66-9/16 × 36-5/8 × 30-1/8 [1,690 × 930 × 765]
Dim.Gross (HxWxD) - in [mm]	73-1/4 × 40-3/16 × 35-3/8 [1,860 × 1,020 × 898]

CODE	
AHRI Certified	Standard 1230
ETL	220324027G7U-001

Note: Specifications are based on the following conditions: Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C)

Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB.

Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit).





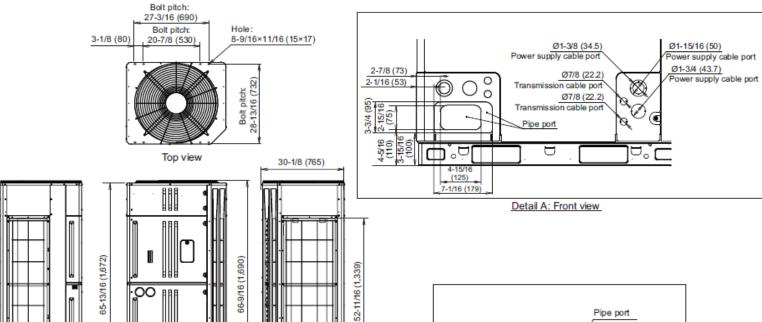


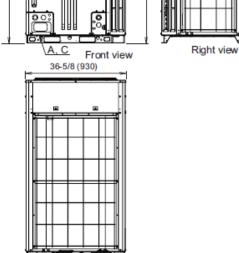


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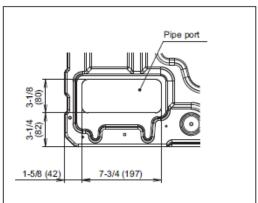
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DIMENSIONS Unit: in (mm)





Rear view



Detail B: Top view

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Left view

В