Hybrid Flex Submittal

Inspections Division
Date: 02/22/17

AOU24RLXFZ

Hybrid Flex Inverter System Heat Pump

Job Name:_____ Approval:_____

Location: _____ Date:_____

Engineer:_____ Construction: _____

Submitted to:_____ Unit #:_____

Submitted by:_____ Drawing #:_____

Reference:_____

		General Data (at 230V)
Power		208-230VAC-1ph-60Hz
Fuse Size, Max.		25A
Minimum Circuit Ampacity(MCA)		17A
Compressor		Inverter driven variable speed DC Twin Rotary
No. used		1
Output		1,100W
Lubrican Oil		POE
Fan type		Propeller
Motor Output		100W
CFM Cooling/Heating (High)		1,942 / 1,942
Refrigerant		410A
Outdoor unit charge		4lbs 14oz.(2,200g)
Contrlol		Electronic Expansion Valve
O.D. Discharge	(in)	1/4"x3(Flare)
O.D Suction	(in)	3/8"x2 + 1/2"x1(Flare)
Dimensions		H x W x D
Uncrated	(in)	27-9/16 x 35-7/16 x 13
	(mm)	(700 x 900 x 330)
Crated	(in)	32-7/8 x 41-11/32 x 17-17/32
	(mm)	(835 x 1,050 x 445)
Weight		Outdoor
Net		124lbs(56kg)
Gross Shipping		139lbs (63kg)
Cooling Capacity		22,000(6,100~27,000)BTU/h
Rated Power Input		1.9kW
Max. Power Input		2.72kW
Outdoor Sound Rating		51dB
Heating Capacity		22,000 (6,800-24,400)BTU/h
Rated Power Input		1.84kW
Max. Power Input		2.09kW
Outdoor Sound Rating		49dB
Piping Lengths		
Pre-charge length		98ft
Max. Piping Length (Total)		164ft
Max. length (each)		82ft
Min. length (total)		49ft
Min. length (each)		16ft
Max. Pipe Height Difference		
Between condenser and each indoor unit		49ft
Between indoor units		33ft
Connection method		(Flared)
Operating Range		
Cooling		14°F~115°F DB
Heating		5°F~75°F DB

Top view

Front view

Side view

	Non-Ducted	Ducted & Non-Ducted	Ducted
SEER	18	16.75	15.50
HSPF	9.50	9.25	9.0
EER	12.50	11.55	10.60

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Note: Specifications are based on the following conditions.
Power source of specifications : 230V
Cooling: Indoor temperature of 80°F(26.67°C)DB / 67°F(19.44°C)WB, and outdoor temperature of 95°F(35°C)DB/75°F(23.89°C)WB.
Heating: Indoor temperature of 70°F(21.11°C)DB / 60°F(15.56°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 : 0 ft.(0m) [Outdoor unit - Indoor unit]

7 Year Compressor 5 Year Parts WARRANTY