

# Hybrid Flex Submittal



## AOU18RLXFZ

### Hybrid Flex Inverter System Heat Pump

Job Name: \_\_\_\_\_

Approval: \_\_\_\_\_

Location: \_\_\_\_\_

Date: \_\_\_\_\_

Engineer: \_\_\_\_\_

Construction: \_\_\_\_\_

Submitted to: \_\_\_\_\_

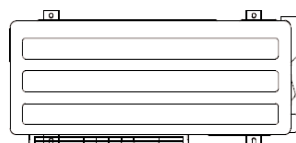
Unit #: \_\_\_\_\_

Submitted by: \_\_\_\_\_

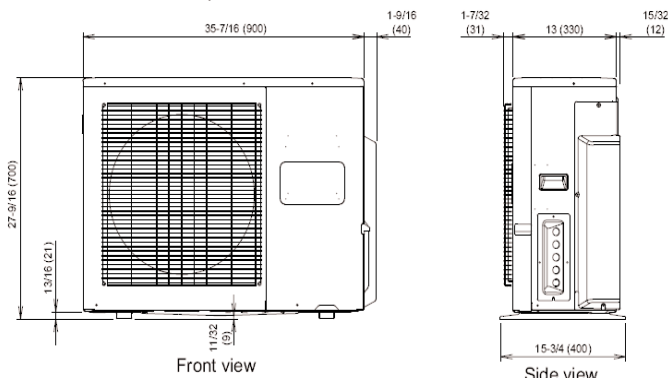
Drawing #: \_\_\_\_\_

Reference: \_\_\_\_\_

General Data (at 230V)	
<b>Power</b>	208-230VAC-1ph-60Hz
Fuse Size, Max.	25A
Minimum Circuit Ampacity(MCA)	10A
<b>Compressor</b>	Inverter driven variable speed DC Twin Rotary
No. used	1
Output	1,100W
Lubrican Oil	POE
<b>Fan type</b>	Propeller
Motor Output	100W
CFM Cooling/Heating (High)	1,795 / 1,619
<b>Refrigerant</b>	410A
Outdoor unit charge	4lbs 14oz.(2,200g)
Control	Electronic Expansion Valve
O.D. Discharge (in)	1/4"x2(Flare)
O.D Suction (in)	3/8"x2(Flare)
<b>Dimensions</b>	H x W x D
Uncrated (in)	27-9/16 x 35-7/16 x 13
(mm)	(700 x 900 x 330)
Crated (in)	38-3/16 x 41-11/32 x 17-17/32
(mm)	(970 x 1,050 x 445)
<b>Weight</b>	Outdoor
Net	119lbs(54kg)
Gross Shipping	134lbs (61kg)
<b>Cooling Capacity</b>	18,000(6,100~21,000)BTU/h
Rated Power Input	1.46kW
Max. Power Input	2.10kW
Outdoor Sound Rating	49dB
<b>Heating Capacity</b>	22,000 (6,800-24,400)BTU/h
Rated Power Input	1.84kW
Max. Power Input	2.09kW
Outdoor Sound Rating	49dB
<b>Piping Lengths</b>	
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)
<b>Operating Range</b>	
Cooling	14°F~115°F DB
Heating	5°F~75°F DB

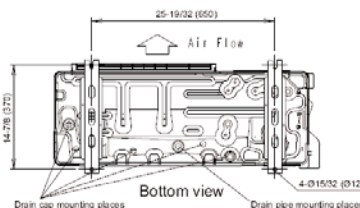


Top view

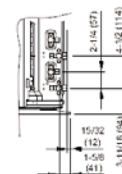


Front view

Side view



Bottom view



	Non-Ducted	Ducted & Non-Ducted	Ducted
SEER	18	17.0	16.0
HSPF	9.3	9.15	9.0
EER	12.5	12.3	12.1

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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]