SUBMITTAL - 36,000BTU OUTDOOR UNIT - M20

Job Name:
Location:
Engineer:
Submitted By:
Submitted To:

Submitted For: Approval ☐ Reference ☐ Construction ☐
Date:
Unit Tag:
Drawing No.:

WARRANTY
Standard 10 Years Parts & Compressor Terms & Conditions Apply.

TYPE	
Air Source Heat Pump	☐
Cold Climate Air Source Heat Pump	☑

MODELS	
Indoor[1]	Undetermined
Outdoor	DMA36HOS20230E7

Images for reference only.

CAPACITY RANGE[1, 2]			
Output (Btu/h)	Min.	Rated	Max.
Cooling	11700	35000	40000
Heating	9200	39000	45000

HEATING PERFORMANCE[1, 3]			
Output (Btu/h)	Min.	Rated	Max.
47°F (8.3°C)	9200	39000	45000
17°F (-8.3°C)	8900	33000	38000
5°F (-15°C)	8000	32000	32000
-22°F (-30°C)	8800		24000

OUTDOOR TEMPERATURE OPERATING RANGE		
Cooling	-15～50 °C	5～122 °F
Heating[4]	-30～24 °C	-22～75 °F

LINE SET & REFRIGERANT			
Liquid (in.)	3/8''	Gas (in.)	3/4''
Connection Type			Flared
Pre-Charge Length (ft)			25
Max. Length (ft)			213.25
Max. Height Difference (ft)			98.42
Refrigerant Type			R410A
Pre-Charge (oz)			165.7878
Additional Charge per Foot (oz)			0.69
Oil Type	VG74	Oil Volume (ml)	1460

CERTIFIED	
AHRI NO.	c UL us LISTED
Not Applicable	

EFFICIENCY RATINGS[1]				
SEER2				15.2
EER2				10
HSPF2 (4)				10
HSPF2 (5)				8
COP[3]	47°F (8.3°C)	17°F (-8.3°C)	5°F (-15°C)	-22°F (-30°C)
	3.18	2.4	2	1.42

ELECTRICAL[1]				
Power Supply		(V/Ph/Hz)		208-230/1/60
Voltage Range		(V)		187-253
MCA (A)	30	Max Fuse (ODU) (A)		50
Power Input (W)		Min.	Rated	Max.
Cooling		800	3500	5000
Heating		800	3600	5000
Current (A)		Min.	Rated	Max.
Cooling		3.5	14.8	21
Heating		3.5	15.65	21

1. All data related to capacity, performance, efficiency, and electrical power input and current draw is based on the listed outdoor unit in combination with a Moovair product. This data is not to be taken as a representation or guarantee of capacity, performance, efficiency, or electrical power input and current draw when the listed outdoor unit is combined with a 3rd party product. **2**. Cooling Capacity Conditions: Indoor Temperature @ 80°F (26.7°C) DB; 67°F (19.4°C) WB with Outdoor Temperature @ 95°F (35°C) DB; 75°F (23.9°C) WB. Heating Capacity Conditions: Indoor Temperature @ 70°F (21.1°C) DB; 60°F (15.6°C) WB with Outdoor Temperature @ 47°F (8.3°C) DB; 43°F (6.1°C) WB. Line Set @ 25ft (7.5m); Height Difference @ 0ft (0m). **3**. COP for all temperatures is @ rated output except when rated output is not given. In that case, COP is @ max. output. **4**. System continues to operate below rated outdoor temperature operating range, subject to varying conditions. System has no low temperature cutout. Capacity is not tested outside of the rated temperature range. |

DIMENSIONS & WEIGHTS			
Outdoor	Net (WxDxH; in.)	37.48x16.34x52.48	
	Gross (WxDxH; in.)	43.11x19.49x58.27	
	Net Weight lbs | kg	227.07	103
	Gross Weight lbs | kg	255.73	116

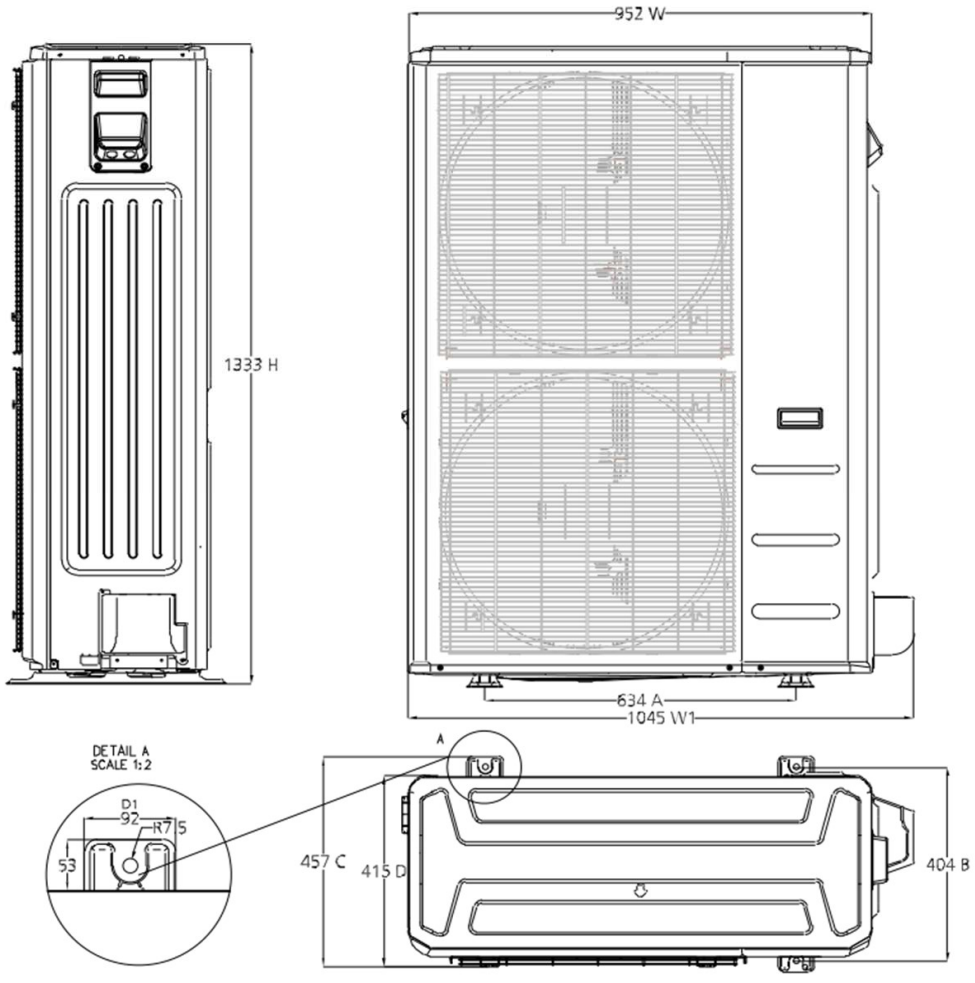
KEY FEATURES	
Rotary Inverter Compressor	☑
Twin Rotary Inverter Compressor	☐
Base Pan Heater	☑
Crankcase Heater	☑

FAN	
Outdoor Max. CFM	4500
Outdoor Max. dB(A)	61

OPTIONAL ACCESSORIES[5]	
	☐
	☐

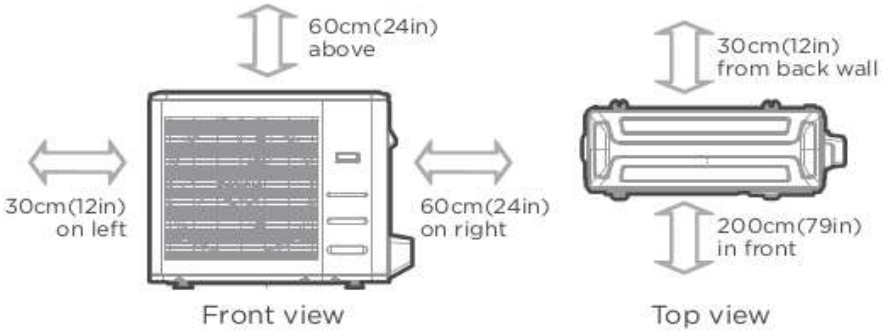
INCLUDED ACCESSORIES
Adaptor for welding(3/8")
Adaptor for welding(3/4")

OUTDOOR UNIT DRAWING



Drawing dimensions are nominal. Specifications subject to change without notice. **5**. Connection of these accessories may require secondary items not listed; refer to full product literature.

OUTDOOR UNIT CLEARANCES



Note: Outdoor units must be elevated 12-24in. (30.5-61cm) above the surface below in heating applications to allow for snow clearance and defrost runoff. Follow local best-practices and guidelines.

Diagrams for reference only.

NOTES