

SUBMITTAL - 12,000BTU FLOOR CONSOLE - E25 B

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

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

WARRANTY

1 Year Parts & 5 Years Compressor
 Terms & Conditions Apply.

TYPE

Air Source Heat Pump
 Cold Climate Air Source Heat Pump

MODELS

Indoor	DUB12HIFU230X5A
Outdoor	DEA12HOS25230E8

CAPACITY RANGE¹

Output (Btu/h)	Min.	Rated	Max.
Cooling	3400	12000	13800
Heating	3600	12000	14600

HEATING PERFORMANCE²

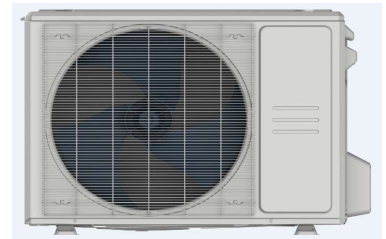
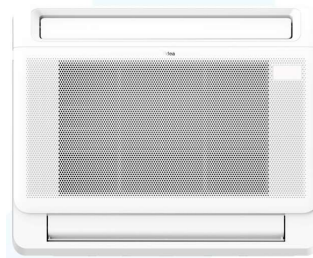
Output (Btu/h)	Min.	Rated	Max.
47°F (8.3°C)	3600	12000	14600
17°F (-8.3°C)	2300	9200	9600
5°F (-15°C)	1700	8400	8600
-13°F (-25°C)		5600	

OUTDOOR TEMPERATURE OPERATING RANGE

Cooling	-25 ~ 50 °C	-13 ~ 122 °F
Heating ³	-25 ~ 24 °C	-13 ~ 75 °F

LINE SET & REFRIGERANT

Liquid (in.)	1/4"	Gas (in.)	1/2"
Connection Type	Flare		
Pre-Charge Length (ft)	25		
Max. Length (ft)	82		
Max. Height Difference (ft)	32.8		
Refrigerant Type	R410A		
Pre-Charge (oz)	38.1		
Additional Charge per Foot (oz)	0.16		
Oil Type	VG74	Oil Volume (ml)	310
Drain Pipe O.D. (mm)	16		



Images for reference only.

CERTIFIED

AHRI NO.		
214844431		

EFFICIENCY RATINGS

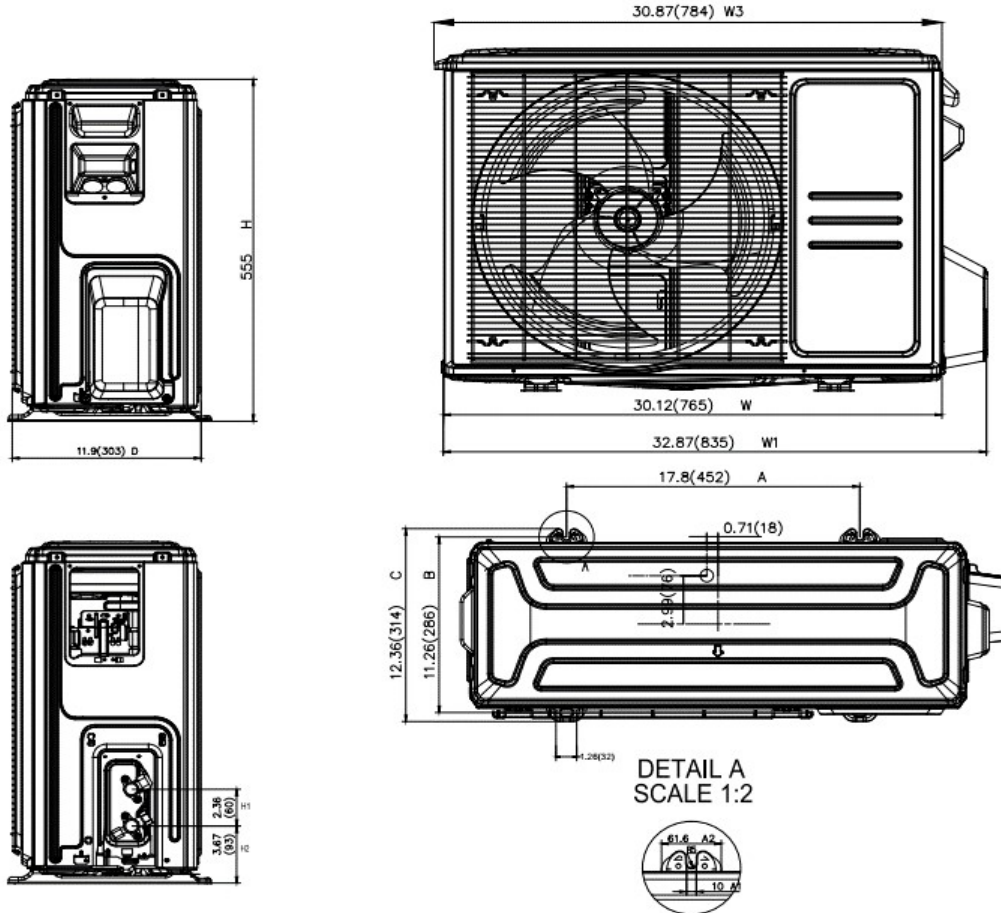
SEER2	25			
EER2	13			
HSPF2 (4)	11			
HSPF2 (5)	8.2			
COP ²	47°F (8.3°C)	17°F (-8.3°C)	5°F (-15°C)	-13°F (-25°C)
	3.91	2.43	2.39	1.56

ELECTRICAL

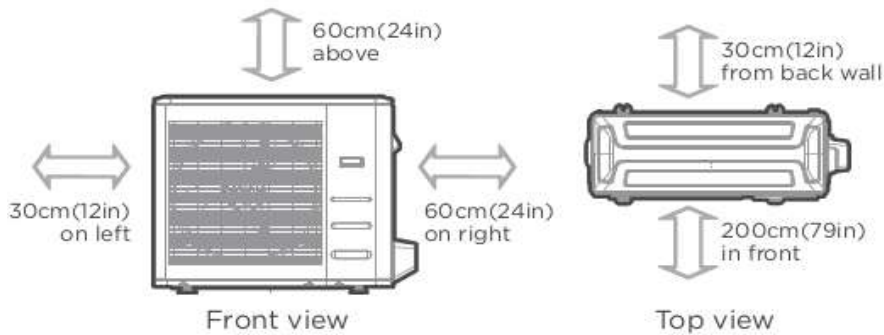
Power Supply	(V/Ph/Hz)	208-230/1/60		
Voltage Range	(V)	187-253		
MCA (A)	13	Max Fuse (ODU) (A)	15	
Power Input (W)	Min.	Rated	Max.	
	Cooling	797	923	1196
Heating	284	901	1203	
Current (A)	Min.	Rated	Max.	
	Cooling	3.65	4.22	5.36
Heating	2.21	4.23	5.39	

1. 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). 2. COP for all temperatures is @ rated output except when rated output is not given. In that case, COP is @ max. output. 3. 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. | Master Group is not responsible for the accuracy and validity of any changes made to this document without the written authorization of Master Group. Specifications subject to change without notice.

OUTDOOR UNIT DRAWING



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