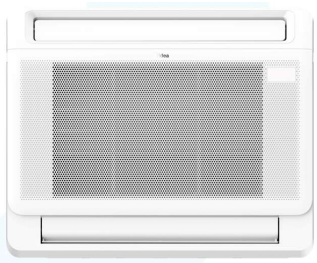
SUBMITTAL - 12,000BTU FLOOR CONSOLE - M25 B

Job Name:		**Submitted For:**	**Approval** ☐
Location:		**Reference** ☐	**Construction** ☐
Engineer:		**Date:**	
Submitted By:		**Unit Tag:**	
Submitted To:		**Drawing No.:**	

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

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

MODELS	
Indoor	DUB12HIFU230X5A
Outdoor	DMA12HOS25230E8



Images for reference only.

CAPACITY RANGE[1]			
Output (Btu/h)	Min.	Rated	Max.
Cooling	3400	12000	13800
Heating	3600	12000	14600

HEATING PERFORMANCE[2]			
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

CERTIFIED	
AHRI NO.	
212596839	c UL us LISTED; ENERGY STAR

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.

DIMENSIONS & WEIGHTS			
Indoor	Net (WxDxH; in.)	31.26x7.87x24.45	
	Gross (WxDxH; in.)	34.06x11.02x28.31	
	Net Weight lbs | kg	32.85	14.9
	Gross Weight lbs | kg	41.45	18.8
Outdoor	Net (WxDxH; in.)	30.12x11.93x21.85	
	Gross (WxDxH; in.)	34.92x13.27x24.02	
	Net Weight lbs | kg	63.71	28.9
	Gross Weight lbs | kg	69	31.3

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

INCLUDED ACCESSORIES
RG10L2(D2HS)/BGEFU1 - Remote Controller

FAN				
Indoor	Turbo	High	Med.	Low
CFM	441	376	323	264
dB(A)		40	37	26
Indoor ESP Range inWG				
Indoor Moisture Removal (l/h)				1.34
Outdoor Max. CFM				1294
Outdoor Max. dB(A)				54

OPTIONAL ACCESSORIES[4]	
17310900003167 - Wi-Fi Dongle	☐
KJR-120L(R1)/EFU1 - Wired Controller	☐
KJR-120N(X6)/BGEF - Wired Controller	☐
24VINTERFACEKITUNIVERSAL	☐
	☐
	☐
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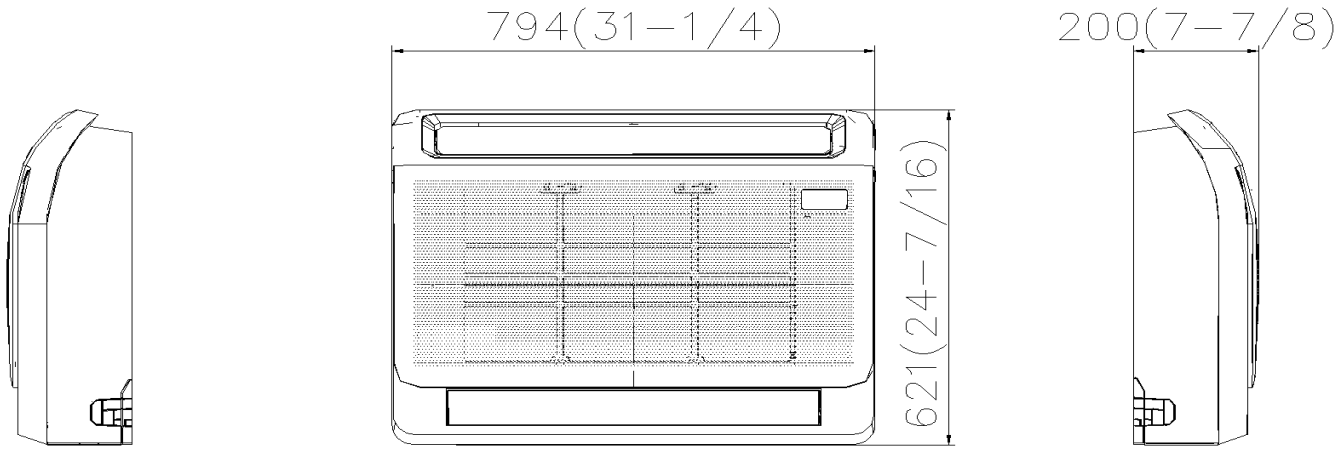
	☐

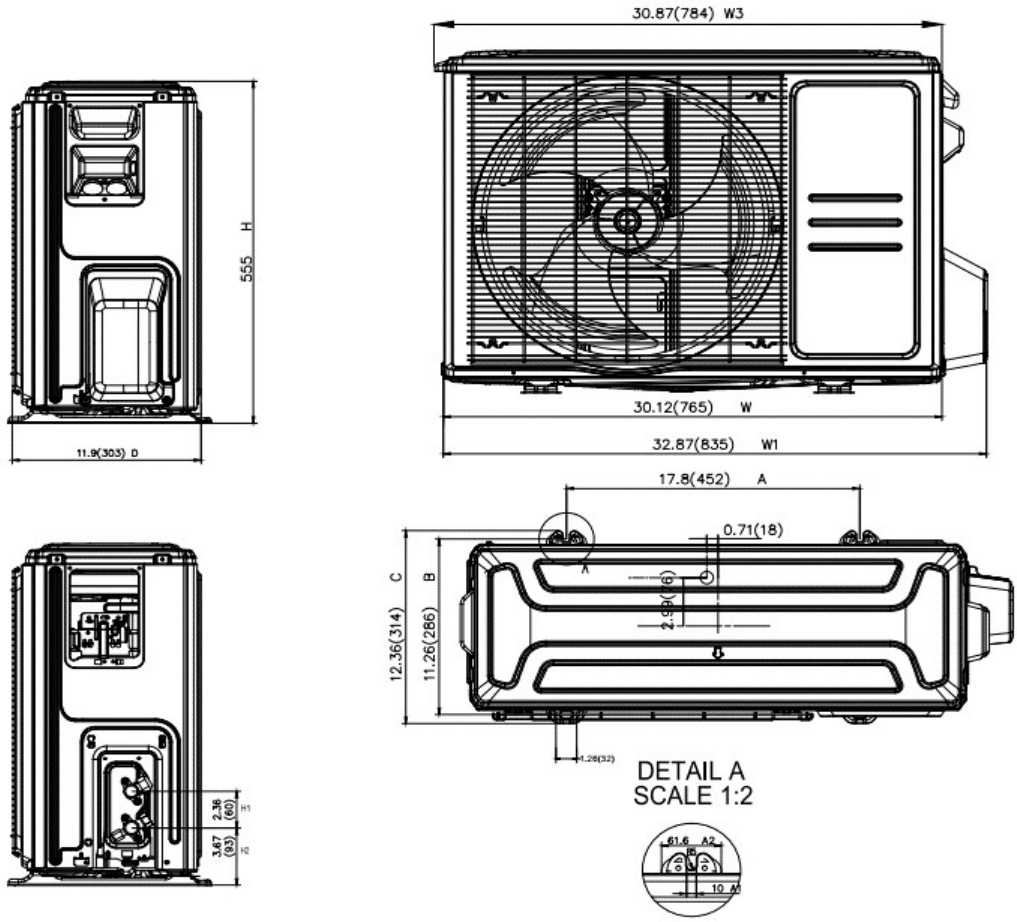
INDOOR UNIT DRAWING



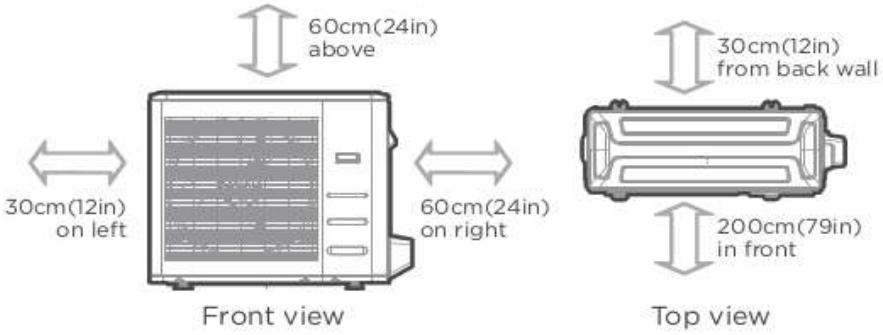
Tag									
inches									
mm									

Drawing dimensions are nominal. Specifications subject to change without notice. **4**. Connection of these accessories may require secondary items not listed; refer to full product literature.

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