



Approval

Construction

SUBMITTAL - 12,000BTU FLOOR CONSOLE - M28 B

Job Name:						
Location:						
Engineer:						
Submitted	Ву:					
Submitted	То:					
WARRANT	Y					
Standard 1	0 Years Part	s & Compre	ssor			
Terms & Condit	ions Apply.					
TYPE						
Air Source	Heat Pump					
Cold Climat	e Air Source	e Heat Pum _l	ρ 🗸			
MODELS						
Indoor		DUB12H	IFU230X5A			
Outdoor		DMA12H0	OS28230E8			
CAPACITY I	RANGE ¹					
Output (Bt	u/h)	Min.	Rated	Max.		
	Cooling	3600	12000	14400		
	Heating	3600	12000	16000		
HEATING P	ERFORMAN	ICE ²				
Output (Bt	u/h)	Min.	Rated	Max.		
	17°F (8.3°C)	3600	12000	16000		
1	7°F (-8.3°C)	2300	10200	12800		
	5°F (-15°C)	1700	11900	12300		
-2	2°F (-30°C)	500	6000	6000		
OUTDOOR	TEMPERAT	URE OPERA	TING RANG	E		
Cooling	-30 ~ 50	°C	-22 ~ 122	2 ~ 122 °F		
Heating ³	-30 ~ 24	°C	-22 ~ 75	°F		
LINE SET &	REFRIGERA	NT				
Liquid (in.)	1/4"		Gas (in.)	1/2"		
Connection	Flared					
Pre-Charge	25					
Max. Lengt	82					
Max. Heigh	32.8					
Refrigerant	R410A					
Pre-Charge	41.62					
Additional	0.16					
Oil Type	350					
Drain Pipe	O.D. (mm)			16		



Date:
Unit Tag:
Drawing No.:

Submitted For: Reference



Images for reference only.

			illiages it	or reference only.		
CERTIFIED						
AHRI NO.		(ii				
21259	96840	C U	L) US TED	ENERGY STAR		
EFFICIENCY	RATINGS					
SEER2				24.2		
EER2				13.3		
HSPF2 (4)				10.7		
HSPF2 (5)				8.7		
COP ²	47°F	17°F	5°F	-22°F		
	(8.3°C)	(-8.3°C)	(-15°C)	(-30°C)		
	4.04	2.72	1.99	1.16		
ELECTRICA	L					
Power Supply		(V/Ph/Hz)	208	8-230/1/60		
Voltage Range		(V)		187-253		
MCA (A)	15	Max Fuse	e (ODU) (A)	15		
Power Inpu	it (W)	Min.	Rated	Max.		
	Cooling	170	902	1230		
	Heating	342	857	1450		
Current (A)		Min.	Rated	Max.		
	Cooling	1.42	4.13	5.51		
	Heating	1.81	4.12	6.64		

^{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.



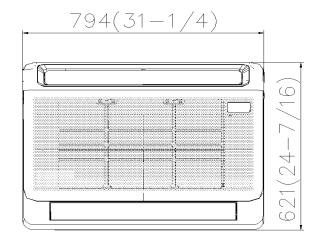


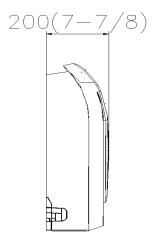
DIMENSIONS & WEIGHTS						
Indoor	Net (WxDxH; in.)	31.26x7.87x24.45				
	Gross (WxDxH; in.)	34.06x1	1.02x28.31			
	Net Weight lbs kg	32.85	14.9			
	Gross Weight Ibs kg 41.45		18.8			
Outdoor	Net (WxDxH; in.)	31.69x1	69x12.99x21.81			
	Gross (WxDxH; in.)	36.02x1	4.57x24.21			
	Net Weight lbs kg	73.63	33.4			
	Gross Weight lbs kg	79.37	36			
KEY FEATURES						
Rotary Inverter Compressor						
Twin Rotary Inverter Compressor						
Base Pan F	✓					
Crankcase	✓					
INCLUDED ACCESSORIES						
RG10L2(D2HS)/BGEFU1 - Remote Controller						

FAN					
Indoor	Turbo	High	Med.	Low	
CFM		376	323	264	
dB(A)		42	39	25	
Indoor ESP					
Indoor Moi	1.4				
Outdoor M	1324				
Outdoor M	56				
OPTIONAL ACCESSORIES ⁴					
173109000					
KJR-120L(R					
KJR-120N(X					
24VINTERF					

INDOOR UNIT DRAWING







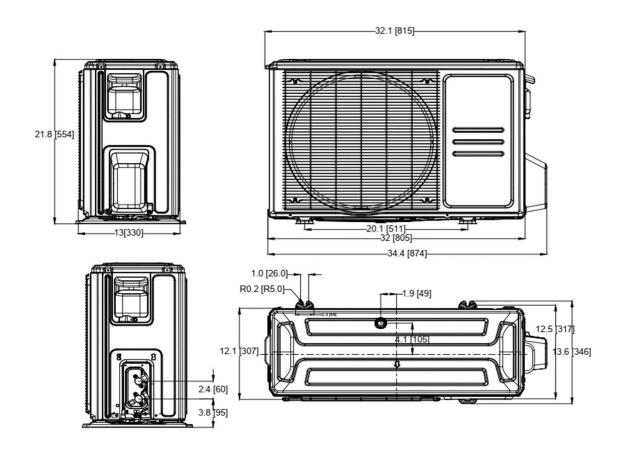
Tag					
inches					
mm					

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.

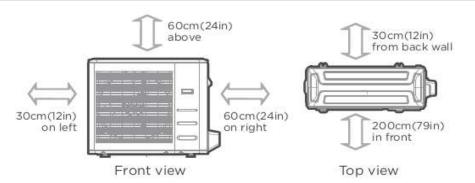




OUTDOOR UNIT DRAWING



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