



# SUBMITTAL - 12,000BTU WALL-MOUNT - M25

Job Name:					Submitte	d For:	Approval	
Location:					Reference	e	Constructio	n
Engineer:					Date:			
Submitted	•				Unit Tag:			
Submitted					Drawing	No.:		
WARRANT								
Standard 10	0 Years Part	s & Compre	ssor				1	-
Terms & Condit	ions Apply.						~	
ТҮРЕ								
Air Source I	•							
	e Air Source	e Heat Pum	р 🗸					
MODELS							-er	
Indoor		DMA12HI	W25230E8					
Outdoor		DMA12H0	OS25230E8					
CAPACITY F	RANGE <sup>1</sup>							
Output (Btu	u/h)	Min.	Rated	Max.	CERTIFIE	0		
	Cooling	3859	12000	14102	AHRI NO.			2
	Heating	3962	12000	13941	207	742491	C	IJ
<b>HEATING P</b>	ERFORMAN	ICE <sup>2</sup>			207	/+2+31	LIST	ED
Output (Btu	u/h)	Min.	Rated	Max.	EFFICIEN	CY RATINGS		
Cooling 3859 120   Heating 3962 120   HEATING PERFORMANCE <sup>2</sup> Output (Btu/h) Min. Rat   47°F (8.3°C) 3962 120								
4	17°F (8.3°C)	3962	12000	13941	SEER2			
	17°F (8.3°C) 7°F (-8.3°C)	3962 2959	12000 9000	13941 9921	SEER2 EER2			
17								
1	7°F (-8.3°C)	2959	9000	9921	EER2			
-1	7°F (-8.3°C) 5°F (-15°C)	2959 2305	9000 8000	9921 8981	EER2 HSPF2 (4)		17°F	
-1	7°F (-8.3°C) 5°F (-15°C) .3°F (-25°C)	2959 2305 <b>URE OPERA</b>	9000 8000	9921 8981	EER2 HSPF2 (4) HSPF2 (5)		17°F (-8.3°C)	
-1 OUTDOOR	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b>	2959 2305 URE OPERA °C	9000 8000 TING RANG	9921 8981 i <b>E</b>	EER2 HSPF2 (4) HSPF2 (5)	47°F		
-1 OUTDOOR Cooling Heating <sup>3</sup>	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25 <b>~</b> 50	2959 2305 <b>URE OPERA</b> °C °C	9000 8000 <b>TING RANG</b> -13 <b>~</b> 122	9921 8981 i <b>E</b>	EER2 HSPF2 (4) HSPF2 (5)	47°F (8.3°C) 3.7	(-8.3°C)	
-1 OUTDOOR Cooling Heating <sup>3</sup>	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25~50 -25~24	2959 2305 <b>URE OPERA</b> °C °C	9000 8000 <b>TING RANG</b> -13 <b>~</b> 122	9921 8981 i <b>E</b>	EER2 HSPF2 (4) HSPF2 (5) COP <sup>2</sup>	47°F (8.3°C) 3.7 AL	(-8.3°C)	
-1 OUTDOOR Cooling Heating <sup>3</sup> LINE SET &	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25~50 -25~24 <b>REFRIGERA</b> 1/4"	2959 2305 <b>URE OPERA</b> °C °C	9000 8000 TING RANG -13~122 -13~75	9921 8981 °F °F	EER2 HSPF2 (4) HSPF2 (5) COP <sup>2</sup> ELECTRIC	47°F (8.3°C) 3.7 AL pply	(-8.3°C) 2.69	
-1 OUTDOOR Cooling Heating <sup>3</sup> LINE SET & Liquid (in.)	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25~50 -25~24 <b>REFRIGERA</b> 1/4"	2959 2305 <b>URE OPERA</b> °C °C	9000 8000 TING RANG -13~122 -13~75	9921 8981 °F °F 1/2"	EER2 HSPF2 (4) HSPF2 (5) COP <sup>2</sup> ELECTRIC Power Su	47°F (8.3°C) 3.7 AL pply	(-8.3°C) 2.69 (V/Ph/Hz)	
-1 OUTDOOR Cooling Heating <sup>3</sup> LINE SET & Liquid (in.) Connection	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25~50 -25~24 <b>REFRIGERA</b> 1/4" Type Length (ft)	2959 2305 <b>URE OPERA</b> °C °C	9000 8000 TING RANG -13~122 -13~75	9921 8981 °F °F 1/2" Flared	EER2 HSPF2 (4) HSPF2 (5) COP <sup>2</sup> ELECTRIC Power Su Voltage R	47°F (8.3°C) 3.7 AL pply ange 13	(-8.3°C) 2.69 (V/Ph/Hz) (V)	÷ ((
-1 OUTDOOR Cooling Heating <sup>3</sup> LINE SET & Liquid (in.) Connection Pre-Charge Max. Lengt	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25~50 -25~24 <b>REFRIGERA</b> 1/4" Type Length (ft)	2959 2305 °C °C .NT	9000 8000 TING RANG -13~122 -13~75	9921 8981 °F °F 1/2" Flared 25	EER2 HSPF2 (4) HSPF2 (5) COP <sup>2</sup> ELECTRIC Power Su Voltage R MCA (A)	47°F (8.3°C) 3.7 AL pply ange 13	(-8.3°C) 2.69 (V/Ph/Hz) (V) Max Fuse	÷ (C
-1 OUTDOOR Cooling Heating <sup>3</sup> LINE SET & Liquid (in.) Connection Pre-Charge Max. Lengt	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25~50 -25~24 <b>REFRIGERA</b> 1/4" Type Length (ft) h (ft) t Difference	2959 2305 °C °C .NT	9000 8000 TING RANG -13~122 -13~75	9921 8981 °F °F 1/2" Flared 25 82	EER2 HSPF2 (4) HSPF2 (5) COP <sup>2</sup> ELECTRIC Power Su Voltage R MCA (A)	47°F (8.3°C) 3.7 AL pply ange 13 put (W)	(-8.3°C) 2.69 (V/Ph/Hz) (V) Max Fuse Min.	> (C
-1 OUTDOOR Cooling Heating <sup>3</sup> LINE SET & Liquid (in.) Connection Pre-Charge Max. Lengt Max. Heigh	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25~50 -25~24 <b>REFRIGERA</b> 1/4" Type Length (ft) h (ft) t Difference	2959 2305 °C °C .NT	9000 8000 TING RANG -13~122 -13~75	9921 8981 °F °F 1/2" Flared 25 82 32.8	EER2 HSPF2 (4) HSPF2 (5) COP <sup>2</sup> ELECTRIC Power Su Voltage R MCA (A)	47°F (8.3°C) 3.7 AL pply ange 13 put (W) Cooling Heating	(-8.3°C) 2.69 (V/Ph/Hz) (V) Max Fuse Min. 198	2 (C
-1 OUTDOOR Cooling Heating <sup>3</sup> LINE SET & Liquid (in.) Connection Pre-Charge Max. Lengt Max. Heigh Refrigerant Pre-Charge	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25~50 -25~24 <b>REFRIGERA</b> 1/4" Type Length (ft) h (ft) t Difference	2959 2305 °C °C .NT	9000 8000 TING RANG -13~122 -13~75	9921 8981 °F °F 1/2" Flared 25 82 32.8 R410A	EER2 HSPF2 (4) HSPF2 (5) COP <sup>2</sup> ELECTRIC Power Su Voltage R MCA (A) Power Inp	47°F (8.3°C) 3.7 AL pply ange 13 put (W) Cooling Heating	(-8.3°C) 2.69 (V/Ph/Hz) (V) Max Fuse Min. 198 278	2 (C
-1 OUTDOOR Cooling Heating <sup>3</sup> LINE SET & Liquid (in.) Connection Pre-Charge Max. Lengt Max. Heigh Refrigerant Pre-Charge	7°F (-8.3°C) 5°F (-15°C) 3°F (-25°C) <b>TEMPERAT</b> -25~50 -25~24 <b>REFRIGERA</b> 1/4" Type Length (ft) h (ft) t Difference Type (oz)	2959 2305 <b>URE OPERA</b> °C °C <b>NT</b> • (ft)	9000 8000 TING RANG -13~122 -13~75	9921 8981 °F °F 1/2" Flared 25 82 32.8 R410A 38.1	EER2 HSPF2 (4) HSPF2 (5) COP <sup>2</sup> ELECTRIC Power Su Voltage R MCA (A) Power Inp	47°F (8.3°C) 3.7 AL pply ange 13 put (W) Cooling Heating A)	(-8.3°C) 2.69 (V/Ph/Hz) (V) Max Fuse Min. 198 278 Min.	≥ (C



		or reference only.						
CERTIFIED								
AHRI NO.								
20774	42491		energy Star					
EFFICIENCY RATINGS								
SEER2				24.6				
EER2				13.7				
HSPF2 (4)				10.7				
HSPF2 (5)				8.1				
COP <sup>2</sup>	47°F	17°F	5°F	-13°F				
	(8.3°C)	(-8.3°C)	(-15°C)	(-25°C)				
	3.7	2.69	2.39					
ELECTRICA	L							
Power Sup	ply	(V/Ph/Hz)	208	3-230/1/60				
Voltage Rai	nge	(V)	187-25					
MCA (A)	13	Max Fuse	Max Fuse (ODU) (A)					
Power Input (W)		Min.	Rated	Max.				
	Cooling	198	880	1200				
	Heating	278	945	1400				
Current (A)		Min.	Rated	Max.				
	Cooling	0.86	3.82	5.21				
	Heating	1.2	4.1	6.08				

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.

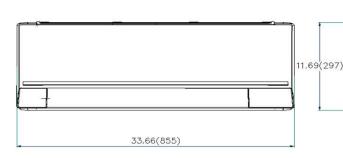




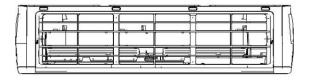
Indoor			FAN					
	Net (WxDxH; in.) 33.66x		9.09x11.69	Indoor	Turbo	High	Med.	Low
	Gross (WxDxH; in.)	36.22x12.20x14.57		CFM	382	335	229	176
	Net Weight lbs   kg	22.93	10.4	dB(A)		36	33.5	22.5
	Gross Weight lbs   kg	28.88	13.1	Indoor ESP Range inWG				
Outdoor	Net (WxDxH; in.) 30.12x11.93x21.8			Indoor Moisture Removal (I/h)				1.23
	Gross (WxDxH; in.) 34.92x13.27x2			Outdoor M	1294			
	Net Weight lbs   kg	63.71	28.9	Outdoor M	53.5			
	Gross Weight lbs   kg	69	31.3	<b>OPTIONAL</b>				
<b>KEY FEATUR</b>	RES			17310900003167 - Wi-Fi Dongle				
Rotary Inve	erter Compressor		$\checkmark$	KJR-120L(R	KJR-120L(R1)/EFU1 - Wired Controller			
Twin Rotary Inverter Compressor				KJR-120N(X6)/BGEF - Wired Controller				
Base Pan Heater			KJR-120N1(X4)/BGEF - Wired Controller					
Crankcase Heater			24VINTERF	24VINTERFACEKITUNIVERSAL				
INCLUDED /	ACCESSORIES							
RG10L2(D2HS)/BGEFU1 - Remote Controller								

#### **INDOOR UNIT DRAWING**









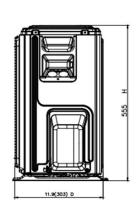
Тад					
inches					
mm					

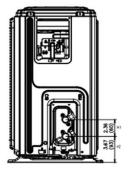
Drawing dimensions are nominal. Specifications subject to change without notice. 4. Connection of these accessories may require secondary items not listed; refer to full product literature.

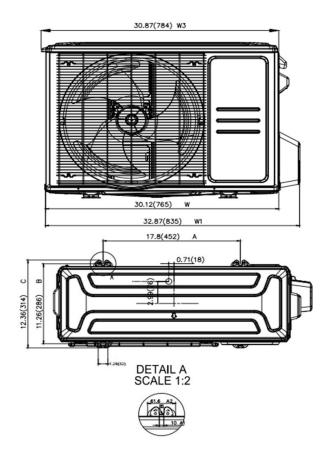




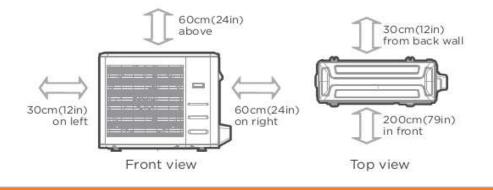
### **OUTDOOR UNIT DRAWING**







## **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 bestpractices and guidelines.

#### **NOTES**

Specifications subject to change without notice.

SUB\_M\_S12HIW\_0\_M25 Sept-24

2022016016322

Diagrams for reference only.

Page 3 of 3