



SUBMITTAL - 36,000BTU CEILING CASSETTE - M28

Job Name:

Location:

Engineer:

Submitted By:

Submitted To:

WARRANTY

Standard 10 Years Parts & Compressor

Terms & Conditions Apply.

Liquid (in.)

Connection Type

Max. Length (ft)

Refrigerant Type

Pre-Charge (oz)

Drain Pipe O.D. (mm)

Oil Type

Pre-Charge Length (ft)

Max. Height Difference (ft)

Additional Charge per Foot (oz)

VG74

TYPE Air Source Heat Pump

Cold Climate Air Source Heat Pump	\checkmark
MODELS	

Indoor DUA36HICU230X5 Outdoor DMA36HOS28230E8

\checkmark	

outdoor		DIVINGOIN	002020000		
CAPACITY	RANGE ¹				
Output (Bt	u/h)	Min.	Rated	Max.	
	Cooling	9800	36000	39500	
	Heating	12000	40000	49000	
HEATING P	HEATING PERFORMANCE ²				
Output (Bt	u/h)	Min.	Rated	Max.	
4	47°F (8.3°C)	12000	40000	49000	
1	7°F (-8.3°C)	8100	33000	40500	
	5°F (-15°C)	6300	40000	41000	
-2	2°F (-30°C)	2700		23000	
OUTDOOR	OUTDOOR TEMPERATURE OPERATING RANGE				
Cooling	-15~50	°C	5 ~ 122	°F	
Heating ³	-30~24	°C	-22~75	°F	
LINE SET & REFRIGERANT					

Submitted For:

Reference

- Approval Construction
- Date:
- Unit Tag:

Drawing No.:





s for reference only

		Images for reference only.		
CERTIFIED				
AHRI NO.				\frown
207742512			D US TED	Energy STAR
EFFICIENCY	RATINGS			
SEER2				19.4
EER2				9.5
HSPF2 (4)				10.5
HSPF2 (5)				8.5
COP ²	47°F	17°F	5°F	-22°F
	(8.3°C)	(-8.3°C)	(-15°C)	(-30°C)
	3.05	2.4	1.85	1.41
ELECTRICA	L			
Power Sup	ply	(V/Ph/Hz)	208-230/1/60	
Voltage Ra	nge	(V)	187-253	
MCA (A)	40	Max Fuse	e (ODU) (A)	50
Power Input (W)		Min.	Rated	Max.
	Cooling	1100	4000	4400
	Heating	2150	3850	4750
Current (A)		Min.	Rated	Max.
	Cooling	5.5	17.6	19.5
	Heating	10	17.1	20.9

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.

5/8"

Flared 25

213.2 98.4

R410A

148.4

0.32

25

1460±15

Gas (in.)

Oil Volume (ml)

3/8"

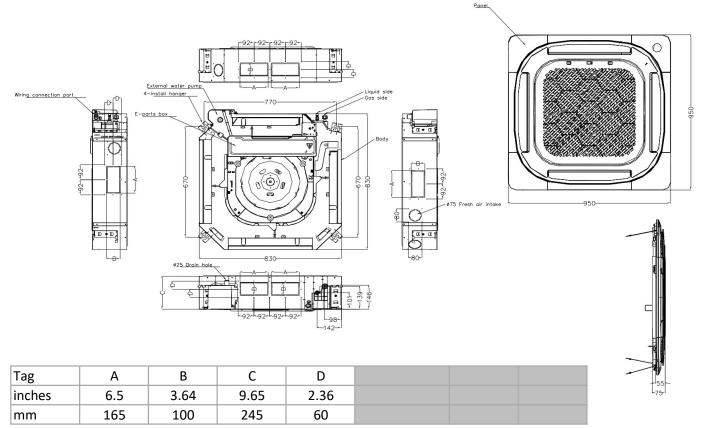




DIMENSIONS & WEIGHTS			
Indoor	Net (WxDxH; in.)	32.68x32.68x9.6	
	Gross (WxDxH; in.)	35.83x35.83x11.4	
	Net Weight Ibs kg 59.97		27.2
	Gross Weight lbs kg	69	31.3
Outdoor	Net (WxDxH; in.)	37.48x16.34x52	
	Gross (WxDxH; in.)	43.11x19.49x58.2	
	Net Weight lbs kg	220.24	99.9
	Gross Weight lbs kg	248.02	112.5
KEY FEAT	JRES		
Rotary Inv	erter Compressor		
Twin Rotary Inverter Compressor			
Base Pan Heater			√
Crankcase Heater			
INCLUDED ACCESSORIES			
RG10A(D2S)/BGEFU1 - Remote Controller			

FAN				
Indoor	Turbo	High	Med.	Low
CFM	1041	947	852	752
dB(A)		52.5	50	46.5
Indoor ESP	Range inW0	G		
Indoor Moi	sture Remo	val (l/h)		4.54
Outdoor M	ax. CFM			4500
Outdoor M	ax. dB(A)			63.5
OPTIONAL ACCESSORIES ⁴				
CASSETTEGRILL2448A - Required				
WF-60A1-F - Smart Port				
KJR-120L(R1)/EFU1 - Wired Controller				
KJR-120N(X6)/BGEF - Wired Controller				
KJR-120N(X6W)/BGEF - Wired Controller				
24VINTERFACEKITUNIVERSAL				

INDOOR UNIT DRAWING

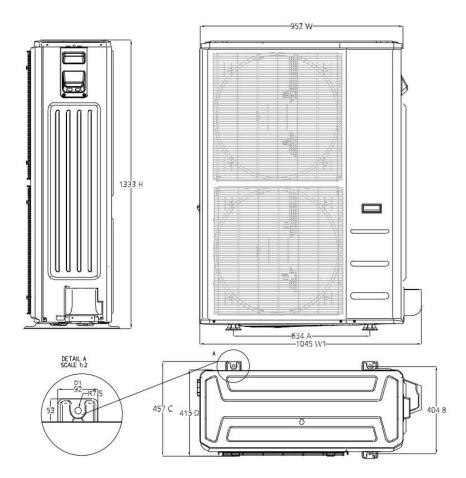


Drawing dimensions are nominal. Specifications subject to change without notice. 4. Connection of these accessories may require secondary items not listed; refer to full product literature.

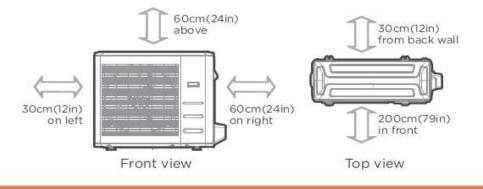




OUTDOOR UNIT DRAWING



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.

Diagrams for reference only.