



A Brand of Heatcraft Refrigeration Products
 2175 West Park Place Boulevard
 Stone Mountain, GA 30087
 800.537.7775
 www.thecoldstandard.com

BLV2500M6C
Discus™
Air-cooled

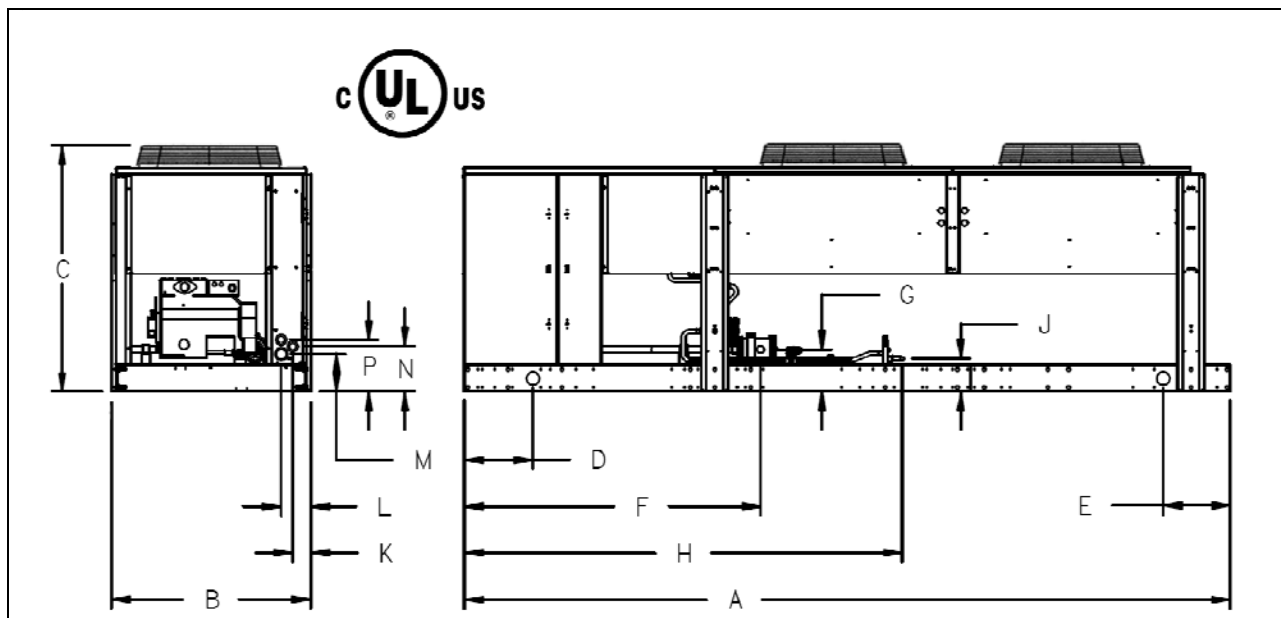
Project:	QUOTATION: Air Cooled submittals Item No: 17
Location: ,	Submitted by: Tim Blackmore
Customer:	DATE: 8/21/2015
Identity #:	<input checked="" type="checkbox"/> For Record By: _____
Tag:	<input type="checkbox"/> For Approval Date: _____

PHYSICAL & ELECTRICAL DATA

REFRIGERANT	COMPRESSOR		CONNECTIONS (inches)		RECEIVER CAPACITY (90%)	NET WEIGHT	SOUND DATA	ALTITUDE	AMBIENT TEMP
	Model No.	HP	Liquid	Suction					
R404A/R507	4DHNR22ME	25	1 1/8	2 1/8	123	1630	71	0 ft.	95°F

POWER SUPPLY	COMPRESSOR		FAN MOTOR			MCA†		MOP‡		Evap. Fan	Defrost Heater
	RLA	LRA	QTY	HP	FLA	Air	Elec.	Air	Elec.	Amps	Amps
208-230/3/60	66.8	428	2		8	100	N/A	150	N/A	N/A	N/A

†MCA=Minimum Circuit Ampacity
 ‡MOP = Maximum Overcurrent Protection





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DIMENSIONS (inches)								
A	B	C	D	E	F	G	H	J
144	44 3/8	54 7/8	15	15	66 7/8	9 1/2	97 5/8	7 3/8

DIMENSIONS (inches)						
K	L	M	N	P	R	S
4	6 5/8	8 7/16	10 1/8	11 5/8		

CAPACITY (BTUH)						
40 °F SST	35°F SST	30 °F SST	25 °F SST	20 °F SST	15 °F SST	10°F SST
0	0	0	185400	169500	154000	141000

CAPACITY (BTUH)						
5 °F SST	0 °F SST	-5 °F SST	-10 °F SST	-15 °F SST	-20 °F SST	-25 °F SST
128100	115200	104200	94700	0	0	0

CAPACITY (BTUH)						
-30 °F SST	-35 °F SST	-40 °F SST				
0	0	0				

SST = Saturated Suction Temperature

STANDARD FEATURES

- | | |
|---|---|
| <p>Cabinet & Construction:</p> <ul style="list-style-type: none"> • Prepainted galvanized steel cabinets • Convenient access panels for easy servicing to internal components. • Electrical controls, including compressor contactor and optional defrost control, are located in easily accessible control box with a hinged cover • Fixed high pressure switch • Piping is pre-bent to eliminate leaks • All sweat type connections, no flare joints to leak • Head pressure valve • Separate subcooling circuit in condenser • Receivers are sized for sufficient pumpdown capacity with inlet | <p>Compressor:</p> <ul style="list-style-type: none"> • Discus™ or Bitzer semi-hermetic compressors with POE oil. • R-22 and R-404A/507 available for both medium and low temperature applications • Spring mounting compressors • Suction and discharge vibration eliminators • Crankcase heater • Sentronic™ Electronic oil safety control • Service Mate™ module for 230 V control circuits to assist in diagnostics and troubleshooting • Pumpdown Switch. |
|---|---|



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- and outlet service valves
- Pressure relief valve on receiver
- Sealed liquid line filter drier and sight glass

Coil:

- Floating Tube™ coil design
- (5 yr. Warranty against internal coil leaks)
- Completely leak tested in a helium environment
- Refrigeration-duty, rifled copper condenser tubing

Fan Motors:

- Rated for 50 and 60 cycle application
- Thermally protected, permanently lubricated ball bearing condenser fan motors.
- Standard PSC

OPTIONS

Mounted Options:

<input checked="" type="checkbox"/> Power Switch: Fused Disconnect 230	<input checked="" type="checkbox"/> Suction Filter: Replaceable Core Suction Filter
<input checked="" type="checkbox"/> Liquid Filter Drier: Replaceable Core Liquid Filter	<input checked="" type="checkbox"/> Fan Cycling: Fan Cycling Control
<input checked="" type="checkbox"/> Misc:Suction Accumulator	<input checked="" type="checkbox"/> Misc:Insulated and Heated Receiver

Ship Loose Options:

None	
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MINIMUM UNIT CLEARANCES

