



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

BZT045M6C
Scroll
Air-cooled

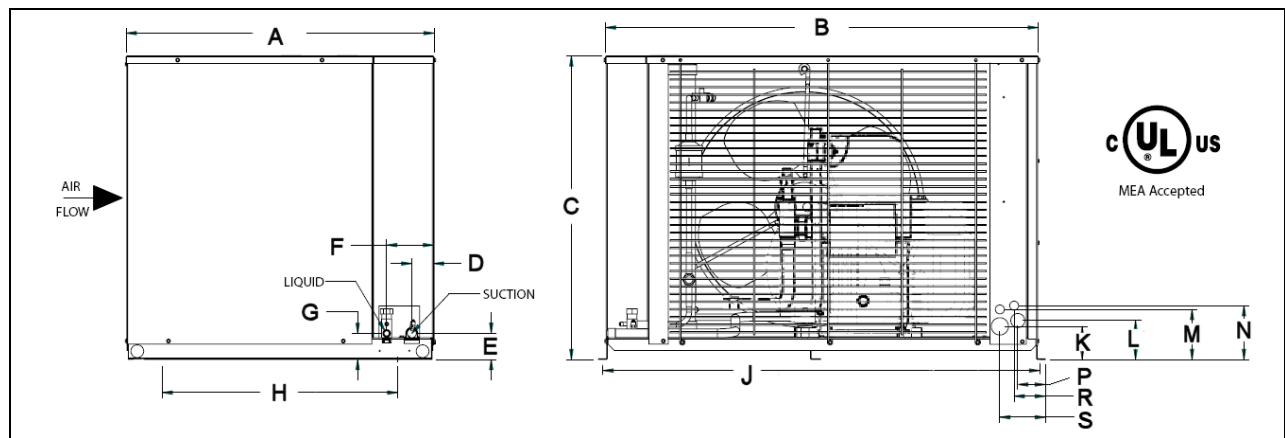
Project:	QUOTATION: Air Cooled submittals Item No: 1
Location: ,	Submitted by: Tim Blackmore
Customer:	DATE: 8/21/2015
Identity #:	<input checked="" type="checkbox"/> For Record By: _____
Tag:	<input type="checkbox"/> For Approval Date: _____

PHYSICAL & ELECTRICAL DATA

REFRIGERANT	COMPRESSOR		CONNECTIONS (inches)		RECEIVER CAPACITY (90%)	NET WEIGHT	SOUND DATA	ALTITUDE	AMBIENT TEMP
	Model No.	HP	Liquid	Suction					
R404A/R507	ZS29KAE	4	1/2	1 1/8	20	360	73	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	18.4	114	1	1/3	3.5	27	44	40	50	12	35

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



DIMENSIONS (inches)								
A	B	C	D	E	F	G	H	J
30 1/4	42 1/2	29 3/4	2 1/16	2 5/8	4 9/16	2 9/16	23 1/8	43

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K	L	M	N	P	R	S
3 1/4	3 13/16	4 15/16	5 1/4	1 15/16	2 1/4	3 11/16

CAPACITY (BTUH)						
40 °F SST	35°F SST	30 °F SST	25 °F SST	20 °F SST	15 °F SST	10°F SST
47860	44180	40620	37280	34020	30950	28160

CAPACITY (BTUH)						
5 °F SST	0 °F SST	-5 °F SST	-10 °F SST	-15 °F SST	-20 °F SST	-25 °F SST
25480	23020	20760	18680	16770	15010	13380

CAPACITY (BTUH)						
-30 °F SST	-35 °F SST	-40 °F SST				
11880	0	0				

SST = Saturated Suction Temperature

STANDARD FEATURES

- Cabinet & Construction
 - Painted steel cabinets
 - Heavy duty steel raised base with 1-1/2" legs
 - Suction service valves for hermetic and scroll compressors located outside the cabinet
 - Semi-hermetic compressor models have a suction valve on the compressor and an access fitting on the suction line entering the cabinet
 - Receiver with fusible plug, liquid shutoff valve and charging port
 - Large electrical panel
 - Prefabricated wiring harnesses
 - Piping is pre-bent to eliminate leaks
- Coil:
 - Microchannel coil technology (not including 1-1/2 through 3 HP semi-hermetic models but including 29M2 models)
- Compressor
 - Hermetic, semi-hermetic and scroll. R-22, R-404A/507, and R-407A/407C available for both medium and low temperature applications
 - Spring-mounted compressors with vibration eliminators on all 1-1/2 to 6 HP semi-hermetic compressors; 1/2 to 1 HP compressors are rigid mounted and have a discharge loop
 - Discharge service valves
 - Bump tested and allowed to cycle off on the high and low pressure control
 - Encapsulated, auto-reset, high and low pressure controls (adjustable low pressure control on low temperature models)
- Fan Motors:
 - Rated for 50 and 60 cycle application
 - Standard PSC or optional Variable Speed EC (VSEC) with Orbus™ Controller
 - Fan guards and wiring conduit on indoor models
 - Specifically matched fans with motor and coil



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- Completely leak tested in a helium environment
- Liquid Drier/Sight Glass on 005-025/027-060 L6, ZF Scroll

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: Liquid Drier and Sight Glass	<input checked="" type="checkbox"/> Low Pressure Switch: Dual Pressure Control w/superhose
<input checked="" type="checkbox"/> Misc:Suction Accumulator	<input checked="" type="checkbox"/> Misc:Insulated and Heated Receiver
<input checked="" type="checkbox"/> Misc:Oversize Receiver	

Ship Loose Options:

None	
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MINIMUM UNIT CLEARANCES

