

**Product Specifications for H23A623DBE**

		<b>Technical Specifications</b>			
Measurement System: Metric	Revision: 4	Voltage	Phase	Frequency	Evaporator Temperature Range
Refrigerant: R22	Series Family: A	380/415	3	50	-30°C to 10°C

<b>Performance</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
	ARI	ARI	ASRET	B-POINT	CHEER	HEATPUMP
	(380v)	(415v)	(380v)	(380v)	(380v)	(380v)
Capacity (Watts)	15 200		15 600	17 800	19 500	12 500
Motor Input (Watt)	5 030		5 000	4 500	4 160	3 970
Current (Amp)	8.2	0.0	8.2	7.5	7.1	6.8
COP	3.0	NaN	3.1	3.9	4.7	3.2
Efficiency (%)						
Evaporating Temp.°C	7.2	7.2	7.2	7.2	7.2	-1.1
Condensing Temp.°C	54.4	54.4	54.4	43.3	37.8	43.3
Ambient Temp.°C	35	35	35	35	35	35
Liquid Temp.°C	46.1	46.1	46.1	35	29.4	35
Return Gas Temp.°C	18.3	18.3	35	18.3	18.3	10

Nominal Performance Data @ 50 Hz (±5) based upon 72hr run-in

**Mechanical Data**

Bore X Stroke	5.080 X 2.550 cm	Speed	2950 rpm
Displacement	18.3 m <sup>3</sup> /hr	IPRV Setting	28 - 34 ΔP(bar)
Displacement	103.4 cc/rev	Refrigerant Charge Limit	2 kg

**Electrical Data**

RLA: 8.2	LRA: 62	MCC: 16.0
Voltage Range: 342 - 457	Protection Type: Internal Line Break	
U.L. File: SA5470	CE Approval: Yes	CCC Approval: Yes
Motor Res. in Ohms (Ω) ± 5%		
T1-T3 (C-R)	T1-T2 (C-S)	T2-T3 (S-R)
2.790	2.790	5.580
2.770	2.770	

**Electrical Accessories**

Start Relay: ()	
Start Cap: N/A μF/volts	
Run Cap: N/A μF/volts	(Parenthesis Denote Med.Torque Components)
PTCR Start Device: Ceramite P/N: N/A	PTCR Start Device: AC Ohms: N/A
Crankcase Heater Vendor P/N: Sensata 8HT5	
Type-Watts: PCTR - 30	

**Other Technical Info**

Oil Name: 3GS Mineral Oil	Oil Charge	Internal Free Volume	9 308 cc
Oil Spec: 581003	Initial Charge: 1627 cc	Recharge: 1538 cc	Max. Compressor Height
Viscosity: 29.5 cSt @ 40°C			40.958 cm
		Weight Net	37.7 kg
		Weight Shipped	39.7 kg

H23A623DBE Copyright © 2015Bristol Compressors International, Inc. All rights reserved.