

Product Specifications for H2EB24SABC

Refrigerant: R22 Series Family: B

Technical Specifications:

Voltage Phase Frequency Evaporator Temperature Range
 230/208 1 60 -20°F to 55°F

Performance	1	2	3	4	5	6
	ARI	ARI	ASRET	B-POINT	CHEER	HEATPUMP
	(230v)	(208v)	(230v)	(230v)	(230v)	(230v)
Capacity (Btu/hr)	23 600	23 600	24 300	28 600	30 900	19 000
Motor Input (Watt)	2 510	2 440	2 510	2 360	2 270	2 030
Current (Amp)	12.5	12.4	12.5	11.9	11.5	10.7
EER (Btu/W-hr)	9.4	9.7	9.7	12.1	13.6	9.4
Efficiency (%)	56.8	58.0	58.0	52.4	48.5	53.0
Evaporating Temp. °F	45	45	45	45	45	30
Condensing Temp. °F	130	130	130	110	100	110
Ambient Temp. °F	95	95	95	95	95	95
Liquid Temp. °F	115	115	115	95	85	95
Return Gas Temp. °F	65	65	95	65	65	50

Nominal Performance Data @ 60 Hz (±5%) based upon 72hr run-in

Mechanical Data

Bore X Stroke	1.730 X 0.606 in	Speed	3500 rpm
Displacement	346.2 ft ³ /hr	IPRV Setting	450 - 550 ΔP(psi)
Displacement	2.849 in ³ /rev	Refrigerant Charge Limit	6 lb

Electrical Data

RLA: 13.0	LRA: 73	MCC: 20.5
Voltage Range: 198 - 253	Protection Type: Internal Line Break	
U.L. File: SA5470	CE Approval: No	CCC Approval: No

Motor Res. in Ohms (?) ± 5%

T1-T3 (C-R)	T1-T2 (C-S)	T2-T3 (S-R)
0.870	3.417	4.287

Electrical Accessories

Start Relay: 3ARR3*10W* ()

Start Cap: 145-175/250 μF/volts

Run Cap: 30/370μF/volts

PTCR Start Device: Ceramite P/N: 305C20

Crankcase Heater Vendor P/N: Sensata 8HT5

Type-Watts: PTCR - 30

(Parenthesis Denote Med.Torque Components)

PTCR Start Device: AC Ohms: 25

Other Technical Info

Oil Name: 3GS Mineral Oil

Oil Spec: 581003

Viscosity: 29.5 cSt @ 40°C

Internal Free Volume: 365 in³

Max. Compressor Height: 13.156 in

Oil Charge

Initial Charge: 30 oz

Recharge: 27 oz

Weight Net: 53.5 lb