

System : English Refrigerant : R22 Series Family : B
Compressor Model : H29B24UABH Revision : 0 BOM ID : -

Techninal Specifications

Voltage	Phase	Frequency
240-220	1	50

Application	H	Evaporator temperature Range	-20 °F to 55 °F
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Nominal Performance Data @50Hz

Performance	ARI	ASRET	13 SEER B	ARI (45/100)	HEATPUMP
	265	265	265	265	265
Capacity (Btu/hr.)	27800	23600	36900	32000	18100
Motor Input (Watt)	1980	1870	1430	1450	1450
Current (Amp)	8.93	8.48	6.6	6.69	6.7
EER (Btu/W-hr.)	11.7	10.8	21.3	18.5	11
Efficiency (%)					
Evaporating Temp.°F	50	45	50	45	30
Condensing Temp.°F	130	130	100	100	110
Ambient Temp.°F	95	95	95	95	95
Liquid Temp.°F	115	115	85	85	95
Return Gas Temp.°F	65	95	65	65	50

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

Mechanical Data

Bore X Stroke (in)	1.73 x 0.574	Speed (rpm)	2950
Displacement (in ³ /rev)	-	IPRV Setting ΔP(psi)	450/550
Displacement (ft ³ /hr.)	-	Refrigerant Charge Limit (lbs)	6

Electrical Data

RLA :	9.40	UL Approval :	SA5470	Motor Res. In Ohms (Ω)±5%		
LRA :	56.00	CE Approval :	Yes	T1-T3 (C-R)	T1-T3 (C-S)	T2-T3 (S-R)
MCC :	13.6	CCC Approval	No	2.62	1.18	3.8
Voltage Range :	198/264					
Protection Type :	Internal Line Break					

Electrical Accessories Components

Start Relay :	GE 3ARR3 *10S*	
Start Cap (μFd/volts) :	145-175/250	
Run Cap (μFd/volts) :	40/370	(Parenthesis Denote Med. Torque Components)
PTCR Start Device : Ceramite P/N :	305C19	PTCR Start Device : AC Ohms : 20
Crankcase Heater Vendor P/N :	Sensata 8HT5	
Type-watts :	PCTR - 30	

Misc. Technical Info

Oil Name :	3GS Mineral Oil	Polyolester 32BCE			
Oil Spec :	581003	CE Approval :	Recharge :		
Viscosity : (cSt @40°C)	29.5	35	32		
				Weight Net	
Sound Power (dBA) :	Internal Free Volume (in ³)	Max. Compressor Height (in)	Net (lbs)	Ship (lbs)	
	340	13.75	66	69.5	

Certificate Marks