

System : English Refrigerant : R22 Series Family : B
Compressor Model : H29B28UABH 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.)	32700	28500	41600	37300	22900
Motor Input (Watt)	2280	2190	1800	1780	1720
Current (Amp)	11	10.56	8.71	8.71	8.58
EER (Btu/W-hr.)	11.9	10.8	20.1	17.8	10.9
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 0.65	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 :	10.50	UL Approval :	SA5470	Motor Res. In Ohms (Ω)±5%		
LRA :	69.00	CE Approval :	Yes	T1-T3 (C-R)	T1-T3 (C-S)	T2-T3 (S-R)
MCC :	17.2	CCC Approval	No	2.43	0.96	3.39
Voltage Range :	198/264					
Protection Type :	Internal Line Break					

Electrical Accessories Components

Start Relay :	GE 3ARR3 *3L*				
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	65.5	69

Certificate Marks