

System : English Refrigerant : R22 Series Family : B
Compressor Model : H29B35UABH 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.)	39700	35500	49600	44900	28700
Motor Input (Watt)	2970	2830	2350	2300	2190
Current (Amp)	14.58	13.94	11.84	11.67	11.2
EER (Btu/W-hr.)	11.5	10.6	18.6	16.9	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 0.786	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 :	13.40	UL Approval :	SA5470	Motor Res. In Ohms (Ω)±5%		
LRA :	85.00	CE Approval :	Yes	T1-T3 (C-R)	T1-T3 (C-S)	T2-T3 (S-R)
MCC :	23	CCC Approval	No	2.58	2.58	5.16
Voltage Range :	198/264					
Protection Type :	Internal Line Break					

Electrical Accessories Components

Start Relay :	GE 3ARR3*10S*	
Start Cap (μF/d/volts) :	88-108/250	
Run Cap (μF/d/volts) :	45/370	(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)
	348	14.25	70	73.5

Certificate Marks