

System : English Refrigerant : R22 Series Family : B  
Compressor Model : H29B18UABH 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.)	20500	18100	27100	24300	14400
Motor Input (Watt)	1490	1450	1160	1160	1160
Current (Amp)	6.88	6.74	5.23	5.3	5.46
EER (Btu/W-hr.)	11.7	10.6	19.8	17.7	10.7
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 0.455	Speed (rpm)	2950
Displacement (in <sup>3</sup> /rev)	-	IPRV Setting ΔP(psi)	450/550
Displacement (ft <sup>3</sup> /hr.)	-	Refrigerant Charge Limit (lbs)	6

**Electrical Data**

RLA :	6.70	UL Approval :	SA5470	Motor Res. In Ohms (Ω)±5%		
LRA :	42.00	CE Approval :	Yes	T1-T3 (C-R)	T1-T3 (C-S)	T2-T3 (S-R)
MCC :	12	CCC Approval	No	4.18	1.7	5.88
Voltage Range :	198/264					
Protection Type :	Internal Line Break					

**Electrical Accessories Components**

Start Relay :	GE 3ARR3*10S* ()	
Start Cap (μF/d/volts) :	145-175/250v	(Parenthesis Denote Med. Torque Components)
Run Cap (μF/d/volts) :	30/370	
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	30	27	
			Weight Net	
Sound Power (dBA) :	Internal Free Volume (in <sup>3</sup> )	Max. Compressor Height (in)	Net (lbs)	Ship (lbs)
	327	13.25	61.5	64

Certificate Marks