

System : English Refrigerant : R407C Series Family : A  
Compressor Model : H73A383DBE Revision : 0 BOM ID : -

**Techninal Specifications**

Voltage	Phase	Frequency
415-380	3	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
	460	460	460	460	460
Capacity (Btu/hr.)	40700	36100	55700	48900	29000
Motor Input (Watt)	2890	2770	2440	2330	2100
Current (Amp)	4.73	4.56	4.03	3.93	3.69
EER (Btu/W-hr.)	11.1	10.3	18	16.5	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)	2 x 0.66	Speed (rpm)	2950
Displacement (in <sup>3</sup> /rev)	-	IPRV Setting ΔP(psi)	400/500
Displacement (ft <sup>3</sup> /hr.)	-	Refrigerant Charge Limit (lbs)	6

**Electrical Data**

RLA :	5.20	UL Approval :	SA5470	Motor Res. In Ohms (Ω)±5%		
LRA :	39.00	CE Approval :	Yes	T1-T3 (C-R)	T1-T3 (C-S)	T2-T3 (S-R)
MCC :	9.5	CCC Approval	No	4.08	4.08	4.08
Voltage Range :	342/457					
Protection Type :	Internal Line Break					

**Electrical Accessories Components**

Start Relay :	0					
Start Cap (μF/d/volts) :						
Run Cap (μF/d/volts) :	(Parenthesis Denote Med. Torque Components)					
PTCR Start Device : Ceramite P/N :	PTCR Start Device : AC Ohms :					
Crankcase Heater Vendor P/N :	Sensata 8HT5					
Type-watts :	PCTR - 30					

**Misc. Technical Info**

Oil Name :	Polyolester 32BCE		Polyolester 32BCE		
Oil Spec :	581857	CE Approval :	Recharge :		
Viscosity : (cSt @40°C)	30	50	47		
	Weight Net				
Sound Power (dBA) :	Internal Free Volume (in <sup>3</sup> )	Max. Compressor Height (in)	Net (lbs)	Ship (lbs)	
	552	14.625	74	78.5	

Certificate Marks