บริษัท กุลธรเคอร์บี้ จำกัด (มหาชน)
KULTHORN KIRBY PUBLIC COMPANY LIMITED

BRISTOL COMPRESSORS™

System :	English	**Refrigerant :**	R407C	**Series Family :**	A
Compressor Model :	H79A563DBV	**Revision :**	0	**BOM ID :**	-

Techninal Specifications

Voltage	Phase	Frequency
415-380	3	50

Application	H	Evaporator temperature Range	-20 °F to 55 °F

Nominal Performance Data @50Hz

Performance	ARI	ASRET	13 SEER B	ARI (45/100)	HEATPUMP
	460	460	460	460	460
Capacity (Btu/hr.)	59400	53300	73500	65900	42900
Motor Input (Watt)	3970	3810	3000	2960	2970
Current (Amp)	6.74	6.48	5.47	5.41	5.39
EER (Btu/W-hr.)	12.5	11.6	20.8	18.7	11.8
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 0.907	Speed (rpm)	2950
Displacement (in^3/rev)	-	IPRV Setting ΔP(psi)	400/500
Displacement (ft^3/hr.)	-	Refrigerant Charge Limit (lbs)	10

Electrical Data

RLA :	7.00	UL Approval :	SA5470	Motor Res. In Ohms (Ω)±5%		
LRA :	79.00	CE Approval :	Yes	T1-T3 (C-R)	T1-T3 (C-S)	T2-T3 (S-R)
MCC :	15.5	CCC Approval	No	1.768	1.768	1.768
Voltage Range :	342/457					
Protection Type :	Internal Line Break					

Electrical Accessories Components

Start Relay : ()

Start Cap (µFd/volts) :

Run Cap (µFd/volts) : (Parenthesis Denote Med. Torque Components)

PTCR Start Device : Ceramite P/N :

Crankcase Heater Vendor P/N : Sensata 9HT5 — PTCR Start Device : AC Ohms :

Type-watts : PCTR - 47

Misc. Technical Info

Oil Name :	Polyolester 32BCE	Polyolester 32BCE		
Oil Spec :	581857	CE Approval :	Recharge :	
Viscosity : (cSt @40°C)	30	65	62	
			Weight Net	
Sound Power (dBA) :	Internal Free Volume (in^3)	Max. Compressor Height (in)	Net (lbs)	Ship (lbs)
	680	17.375	105.5	109.5

Certificate Marks

REV. DATE 22-10-2020 **C/N No. 0004/20**