

3DGHF40KE-TFC

HFC, R-404A, 60 Hz, 3 -Phase, 208/230 V
 Low Temp, Low Condensing (Discus)



Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	105	105
Capacity (Btu/hr)	40200	25200
Power (W):	7600	5850
Current (Amps):	24.60	20.80
EER (Btu/Wh):	5.30	4.30
Mass Flow (lbs/hr):	720	447
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		4.8 Max
Record Date:	2005-10-27	

Mechanical

Displacment(in ³ /Rev):	31.49
Displacment(ft ³ /hr):	1913.20
Overall Length (in):	26.78
Overall Width (in):	15.06
Overall Height (in):	21.31
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	22.34 *
Suction Size (in),Type:	1 3/8 Sweat
Discharge Size (in),Type:	1 1/8 Sweat
Initial Oil Charge (oz):	125
Oil Recharge (oz):	115
Net Weight (lbs):	385.0
Internal Free Volume (in ³):	
Horse Power:	6.00

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*(Amp):	215.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	51.8
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	37.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	33.2
RPM:	
UL File No:	SA-2337
UL File Date:	1985-07-26

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	200/220	3	50	Low Temp, Low Condensing
R-507 HFC	200/220	3	50	Low Temp, Low Condensing
R-507 HFC	208/230	3	60	Low Temp, Low Condensing