

# CRT5-0450-TFD

HCFC, R-22, 60Hz, 3- Phase, 380/460 V

Air Conditioning



**Production Status:** This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

## Performance

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	54800	69200
Power (Watts):	5320	4220
Current (Amps):	7.60	6.20
EER (Btu/Wh):	10.30	16.40
Mass Flow (lbs/hr):	805	890
Sound Power (dBA):	78 Avg	83 Max
Vibration (mils(peak-peak)):	1.8 Avg	2.8 Max
Record Date:	1997-09-12	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	5.59
Bore Size(in):	1.96	Displ(ft <sup>3</sup> /hr):	679.06
Stroke(in):	0.93		
Overall Length (in):	11.38	Mounting Length (in):	7.50
Overall Width (in):	9.38	Mounting Width (in):	7.50
Overall Height (in):	15.88	Mounting Height (in):	6.25 *
Suction Size (in):	7/8 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	66		
Initial Oil Charge (oz):	70		
Net Weight (lbs):	84		
Internal Free Volume (in <sup>3</sup> ):	547.0		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	55.0	MCC (Amps):	14.6	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):			10.4		
RLA(=MCC/1.56;use for breaker & wire size selection):			9.4		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	60	3	380/460	High Temp
R-22 HCFC	50	3	380/420	Air Conditioning
R-22 HCFC	50	3	380/420	High Temp
R-22 HCFC	50	3	380/420	
R-22 HCFC	60	3	380/460	