

# 2DB3R61K0-TFC

CFC, R-12, 60 Hz, 3 -Phase, 208/230 V  
Medium Temperature



**Production Status:** This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

## Performance

Evaporator Temp. (°F)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	39700	26000
Power (W):	4620	3600
Current (Amps):	15.20	12.90
EER (Btu/Wh):	8.60	7.20
Mass Flow (lbs/hr):	790	489
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		5.9 Max
Record Date:	2005-10-27	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	19.59
Displacment(ft <sup>3</sup> /hr):	1190.39
Overall Length (in):	23.63
Overall Width (in):	15.37
Overall Height (in):	18.55
Mounting Length (in):	11.62
Mounting Width (in):	11.00
Mounting Height (in):	20.05 *
Suction Size (in),Type:	1 3/8 Sweat
Discharge Size (in),Type:	7/8 Sweat
Initial Oil Charge (oz):	80
Oil Recharge (oz):	72
Net Weight (lbs):	254.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	5.00

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

## Electrical

LRA-High*(Amp):	120.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	26.8
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	19.1
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	17.2
RPM:	
UL File No:	SA-2337
UL File Date:	1988-07-13

\*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-12 CFC	200/220	3	50	Medium Temperature