

# 4DK3R16ME-TSK

HFC, R-134a, 60Hz, 3- Phase, 460 V

High Temp



**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

Evap(°F)/Cond(°F)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	156000	95500
Power (Watts):	15300	11300
Current (Amps):	23.20	18.60
EER (Btu/Wh):	10.20	8.50
Mass Flow (lbs/hr):	2710	1530
Sound Power (dBA):		
Vibration (mils(peak-peak)):		2.33 Max
Record Date:	2005-11-01	

## Mechanical

Number of Cylinders:	4	Displ(in <sup>3</sup> /Rev):	49.67
Bore Size(in):	2.69	Displ(ft <sup>3</sup> /hr):	3017.79
Stroke(in):	2.19		
Overall Length (in):	25.41	Mounting Length (in):	15.00
Overall Width (in):	20.50	Mounting Width (in):	12.00
Overall Height (in):	18.78	Mounting Height (in):	19.97 *
Suction Size (in):		1 5/8 Sweat	
Discharge Size (in):		1 1/8 Sweat	
Oil Recharge (oz):		125	
Initial Oil Charge (oz):		135	
Net Weight (lbs):		450	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:		15	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	139.0	MCC (Amps):	40.5	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	07-Apr-1971
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		28.9			
RLA(=MCC/1.56;use for breaker & wire size selection):		26			
*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-134a HFC	50	3	380/400	High Temp
R-134a HFC	50	3	200	
R-134a HFC	50	3	200	
R-134a HFC	60	3	460	
R-134a HFC	60	3	208/230	High Temp
R-134a HFC	60	3	208/230	
R-134a HFC	50	3	380/400	High Temp
R-134a HFC	50	3	380/400	