

# ZP36K3E-TF5

HFC, R-410A, 60Hz, 3- Phase, 200/230 V

Air Conditioning



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

## Performance

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	36200	45100
Power (Watts):	3620	2370
Current (Amps):	10.90	8.10
EER (Btu/Wh):	10.00	19.00
Mass Flow (lbs/hr):	535	560
Sound Power (dBA):	70 Avg	75 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2001-10-31	

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	2.13
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	258.49
Stroke(in):	0.00		
Overall Length (in):	9.57	Mounting Length (in):	7.50
Overall Width (in):	9.57	Mounting Width (in):	7.50
Overall Height (in):	16.14	Mounting Height (in):	16.50 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		38	
Initial Oil Charge (oz):		42	
Net Weight (lbs):		66.5	
Internal Free Volume (in <sup>3</sup> ):		215.0	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	88.0	MCC (Amps):	21.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	14-Jun-1994
LRA Low*:		Max Operating Current:	22.0		
RLA(=MCC/1.4;use for contactor selection):		15			
RLA(=MCC/1.56;use for breaker & wire size selection):		13.5			
*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-410A HFC	50	3	200/220	Air Conditioning