

**YP20K1T-PFV**

HFC, R-32, 60 Hz, 1 - Phase, 208/230 V

**Air Conditioning**

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

Performance			Mechanical				
Evaporator Temp. (°F)	45.00	50	Displacement (in <sup>3</sup> /Rev):		1.10		
Condensing Temp. (°F)	130.00	100	Displacement (ft <sup>3</sup> /Hr):				
Return Gas Temp. (°F)	65.00	70	Overall Length (in):				9.69
Liquid Temp. (°F)	115.00	85	Overall Width (in):				9.69
Capacity (BTU/hr)	20400	26700	Overall Height (in):				14.94
Power (W):	1985	1235	Mounting Length (in):				7.50
Current (Amps):	8.8	5.5	Mounting Width (in):				7.50
EER(BTU/Wh):	10.25	21.65	Mounting Height (in):				15.70
Mass Flow (lbs/hr):	195	224	Suction Size (in),Type:		3 / 4 Stub		
Sound Data @ 50 / 115			Discharge Size (in),Type:		1 / 2 Stub		
Sound Power (dBA):	66 Avg	71 Max	Initial Oil Charge (oz):		21		
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):		17		
Record Date:	2024-07-17		Oil Type:		4MA		
			Net Weight (lbs):		132.0		
			Internal Free Volume (in <sup>3</sup> ):				
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.				

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volt s	User Description
LRA High* (Amps):	59.3						
LRA Low*(Amps):		Run Capacitor	014-0064-06	30.0	0.0	370	
LRA Half Winding (Amps):		Start Capacitor	014-0061-27	88.0	106.0	330	
MCC (Amps):	16						
Max Operating Current (Amps):	13.0						
RLA, MCC/1.4(use for contactor selection)(Amps):	11.4						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	10.3						
RPM:	3500						
Box IP :	21						
UL File No:	SA2337-20200323						
UL File Date:	2020-03-23						

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

## Alternate Applications

Refrigerant

Voltage

Phase

Frequency

Application