ZPS26K5E-PFV

HFC, R-410A, 60 Hz, 1 - Phase, 208/230 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.

Summary

Performance		
Evaporator Temp. (°F)	45	50
Condensing Temp. (°F)	130	115
Return Gas Temp. (°F)	65	70
Liquid Temp. (°F)	115	100
Capacity (BTU/hr)	26400	32600
Power (W):	2580	2120
Current (Amps):	11.35	9.3
EER(BTU/Wh):	10.2	15.4
Mass Flow (lbs/hr):	389	434
Sound Data @ 45 / 130		
Sound Power (dBA):	66 Avg	71 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2017-03-22	

Mechanical	
Displacement (in^3/Rev):	1.54
Displacement (ft^3/Hr):	186.5
Overall Length (in):	9.56
Overall Width (in):	9.56
Overall Height (in):	15.27
Mounting Length (in):	7.50
Mounting Width (in):	7.50

Mounting Height (in):	16.03
Suction Size (in),Type:	3 / 4 Stub
Discharge Size (in),Type:	1 / 2 Stub
Initial Oil Charge (oz):	25
Oil Recharge (oz):	21
Net Weight (lbs):	47.3
Internal Free Volume (in^3):	126
Horse Power:	

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

Electrical

LRA High* (Amps):	73.0
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	20.4
Max Operating Current (Amps):	20.0
RLA, MCC/1.4(use for contactor selection)(Amps):	14.6
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	13.1
RPM:	3500
Box IP :	21
UL File No:	SA2337
UL File Date:	2003-12-16

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

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Run Capacitor	014-0064-08	40.0	0.0	370	
Start Capacitor	014-0061-27	88.0	106.0	330	

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-410A HFC	208/230	1	60	A/C, 67% Load Of Compressor Model

Service Parts

Service Parts

Reference	Component	Quantity	Description	Comment
1	914-0037-12	1	RUN CAP KIT W/CLAMP	
2	914-0036-03	1	CAP START KIT	
3	940-0001-79	1	RELAY-POTENTIAL KIT	
4	527-0044-15	1	SPACER - MOUNTING ASSM	
5	918-0052-00	1	CRANKCASE HEATER KIT	240V 40W WRAP AROUND
5	918-0052-01	1	CRANKCASE HEATER KIT	120V 40W WRAP AROUND
5	918-0052-03	1	STAR CCH KIT	480V 40W WRAP AROUND
6	529-0060-24	1	POWER CABLE-MOLDED PLUG	3-PIN MOLDED PLUG
6	529-0138-01	1	CABLE-POWER ASSM	2-PIN MODULATION PLUG
99	998-0069-01	1	ADAPTER & SEAL KIT	

Accessories

Accessories

Category	Part Number	Description
Crankcase Heaters	018-0094-00	Crankcase Heater, 240V, 40W
Crankcase Heaters	018-0094-01	Crankcase Heater, 120V, 40W
Crankcase Heaters	018-0094-03	Crankcase Heater, 480V, 40W, 21.25" Lead Length
Crankcase Heaters	018-0094-04	Crankcase Heater, 575V, 40W, 21.25" Lead Length
Crankcase Heaters	018-0094-00	Crankcase Heater, 240V, 40W

Electrical Components

Electrical Components

Part No: 071-0512-24

Usage Description: Internal Protector

Vendor Part Number

15HM2450

Vendor Name

SENSATA

Part No: 071-0642-03

Usage Description: Internal Protector

Vendor Part Number

UP14HY5215C

Vendor Name

UBUKATA

Stator

Part No: 546-5016-05

Usage Description: Stator

Resistance: +/-7%

Start Wdg: 1.91

Run Wdg: 1.02

Stator

Part No: 846-5016-05

Usage Description: Stator

Resistance: +/-7%

Start Wdg: 1.91

Run Wdg: 1.02

Potential

Part No: 040-0166-37

Usage Description: Potential Relay

Vendor Part Number

RVA2AE6D-946

Vendor Name

ELECTRICA

Start Capacitor

Part No: 014-0061-27

Low MFD: 88.0

Type:Start Capacitor

High MFD: 106.0

Usage Description: Start Capacitor

Volts: 330

Run Capacitor

Part No: 014-0064-08

Low MFD: 40.0

Type:Run Capacitor

High MFD: 0.0

Usage Description: Run Capacitor

Volts: 370

Nomenclature

ZPS26K5E-PFV

Family Series

Z: Scroll

Application Range

P: A/C - R-410A/B

Modulation

S: Two Step

Capacity

26K: Capacity Multiplier-1000

Oil Type

E: Polyol Ester

Motor Type

P: 1 Phase/Capacitor Run, Permanent Split Capacitor

Motor Protection

F: Internal Inherent Protection

Voltage

V: 60Hz (208/230-1) 50Hz (-)

Miscellaneous

Alternate Application

Refrigerant	Freq	Phase	Voltage	Application
HFC R-410A	60	1 Ø	208/230 V	R1 A6

Nomenclature

ZPS26K5E-PFV

Date	Data Group	Field	Old Data	New Data
06-May-2011	Status	Status	P	A
06-May-2011	Status	Status	P	A
06-May-2011	Sound	Sound Ave	70	66
06-May-2011	Sound	Sound Ave	70	66
06-May-2011	Sound	Sound Max	75	71
06-May-2011	Sound	Sound Max	75	71
21-Jun-2012	RatingRefNo	RatingRefNo	11-55	12-768
21-Jun-2012	RatingRefNo	RatingRefNo	11-56	12-767
20-Jun-2012	Rating	PubCode		Y
24-Jan-2011	Rating	PubCode		PRE