

APPROVAL SHEET

SPECIFICATIONS OF EATERON R134a COMPRESSOR

MODEL NO. : PE375HAS

PRINTED DATE: July 21, 2021

SHENZHEN EATERON COMPANY LIMITED

SPECIFICATION

● CUSTOMER:

● MODEL NO. : PE375HAS

● RATED VOLTAGE & FREQUENCY: 220~240V/50Hz

● SPEC. NO.:

● PARTS LIST

PREPARED	CHECKED	APPROVED
Pan Cunping	Cheng Minzhuang	Li Liang

PART LIST		HUAYI SUPPLY	PART NO.	QTY	SPECIFICATION
COMPRESSOR	PERFORMANCE				
	WIRING DIAGRAM				
	EXPLODED VIEW				
ELECTRICAL PARTS	OLP			1	DRB34V61A1 (091)
	STARTING DEVICE			1	QP2-15 (054)
	Combination Capacitor			1	61μ F+10μ F
	TERMINAL COVER +SPRING TAPS			1	PC, SPRING STEEL
	EARTH BOLT			3	
MOUNTING PARTS	Capacitor Bracket			1	
	SEAT RUBBER			4	
	MOUNTING SLEEVE			4	
	FLAT WASHER			4	
	Mounting Bolt			4	
	Mounting Nut			4	

CUSTOMER' S MEMO

CUSTOMER' S APPROVAL

Checked by:

Approved by:

Performance & Dimension

Application

Type	LMBP
Evaporating Temp. Range...	-35°C to 0°C (-31°F to 32°F)
Refrigerant	R134a
Refrigerant control	Capillary tube
Compressor cooling	Fan Cooling

Normal Performance (ASHRAE) 50Hz

		-23.3°C (-10°F)	-6.7°C (20°F)
Capacity	Watt ±5%	375	802
	Kcal/h ±5%	320.5	685.5
	BTU/h ±5%	1279.5	2736.4
Power consumption	W+15%	246.7	395
C. O. P.	W/W ±5%	1.52	2.03
EER	BTU/(W. h) ±5%	5.2	6.95
NOISE	dB(A)	≤50	≤50

Testing condition

Evaporation Temp.	-23.3°C (-10°F)	-6.7°C (20°F)
Condensing Temp.	54.4°C (130°F)	54.4°C (130°F)
Ambient Temp.	32.2°C (90°F)	35°C (95°F)
Return Gas Temp.	32.2°C (90°F)	35°C (95°F)
Liquid Temp.	32.2°C (90°F)	35°C (95°F)

Compressor Date

Design	Reciprocating
Displacement	11.8cm ³

Suction Tube I.D	I. D6.45-6.55mm
Process Tube I.D	I. D6.45-6.55mm
Discharge Tube I.D	I. D4.90-5.00mm

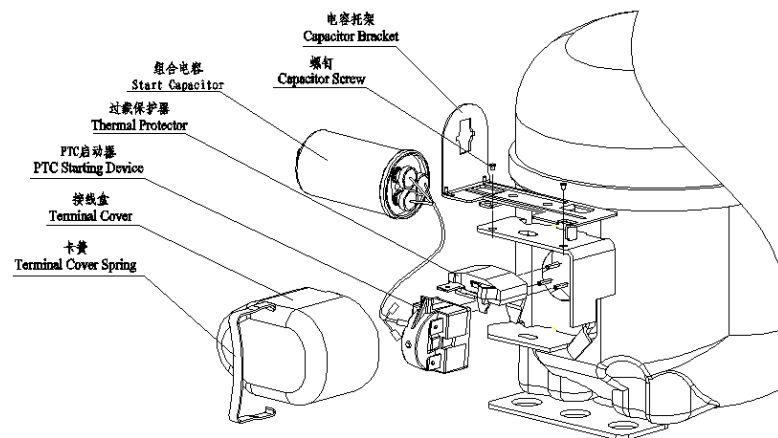
Weight(with oil charge)	10.0±0.15Kg
-------------------------------	-------------

Motor Date

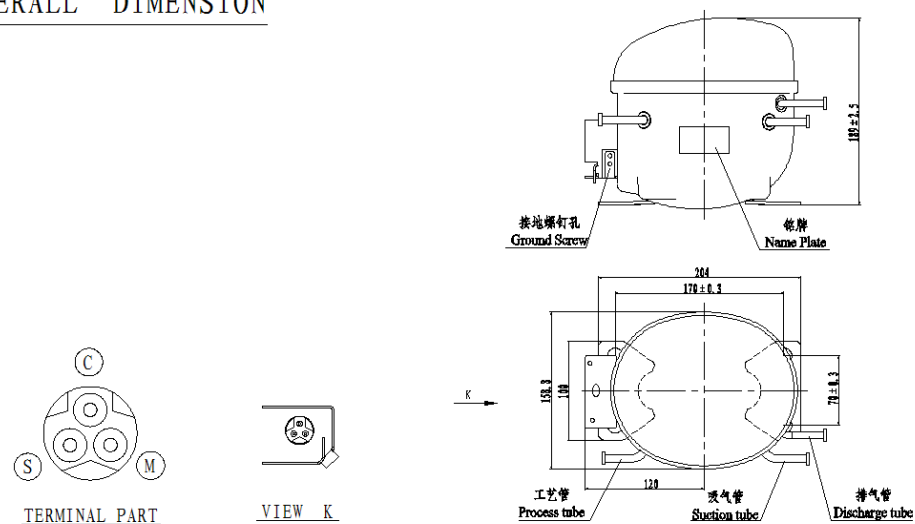
Motor type	CSCR
Motor protection	External protection
Winding Insulation Class	E Class

20210721-PE375HAS

EXPLODED VIEW



OVERALL DIMENSION



Electrical components

Overload protector	DRB34V61A1
Ultimate Trip current (at 70℃)...	3.2~4.0A
Opening temperature.....	150±5℃
Closing temperature.....	61±9℃
Manufacture.....	Star Shuaier

Starting Device	QP2-15
Manufacture	Star Shuaier
Running Capacitor Capacity	10μ F
Voltage.....	450V
Starting Capacitor Capacity.....	61μ F
Voltage.....	330V

Lubricant

Lubricant type.....	Polyol Ester (POE)
Lubricant Viscosity at 40℃	
Domestic.....	RL32H/RZ-32HY
Export.....	RL32H/RZ-32HY
Initial charge	250±10ml
Recharge	85%

Tray Holder N. A.

Earth plate..... N. A.

Approved Certification..... N. A.

Wire Drawing

CSR CONNECTION(PTC)

