

SECOP MADE IN SLOVAKIA

220-240 V ~ 50 Hz SUCTION >, 9 052,1234567 0

HXK87AA KAPPA LBP Compressor Superior Efficiency R600a 220-240V 50Hz

General

Code number	CDO00103
Approvals	EN 60335-2-34 w. Annex AA
Compressors on pallet	100

Application

Application	LBP			
Frequency	Hz	50	60	
Evaporating temperature	°C	-35 to -5	_	
Voltage range	V	187 to 264	_	
Max. condensing temperature continuous (short)	°C	60 (70)	_	
Max. winding temperature continuous (short)	°C	130 (130)	_	

Cooling requirements

Frequency	Hz		50			60	
Application		LBP	MBP	HBP	LBP	MBP	HBP
32°C		S	_	_	_	_	_
38°C		S	_	_	_	_	_
43°C		S	_	_	_	_	_
Remarks on application:							

S = Static cooling normally sufficient

Variant code

Manufacturer/version code serial number | check digit

Suction connector indication,

O = Oil cooling

F₁ = Fan cooling 1.5 m/s (compressor compartment temperature equal to ambient temperature)

Date code (YYWW)
White background

F₂ = Fan cooling 3.0 m/s necessary

SG = Suction gas cooling normally sufficent

= not applicable in this area

Motor

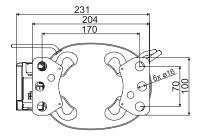
Motor type		RS	CR
LRA (rated after 4 sec. UL984), HST LST	Α	_	3.8
Cut in Current, HST LST	Α	_	11.6
Resistance, main start winding (25°C)	Ω	22.8	15.60

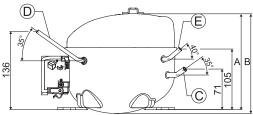
Design

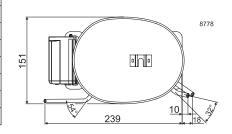
Displacement	cm ³	8.8
Oil quantity (type)	cm ³	165 (mineral)
Maximum refrigerant charge	g	150
Free gas volume in compressor	cm ³	1560
Weight without electrical equipment	kg	8.6

Dimensions

Dillielisions			
Height	mm	Α	167.0
		В	173.5
Suction connector	location/I.D. mm angle	С	6.15 35°
	material comment		Copper Rubber plug
Process connector	location/O.D. mm angle	D	6.00 35°
	material comment		Copper Rubber plug
Discharge connector	location/I.D. mm angle	Е	5.15 40°
	material comment		Copper Rubber plug
Oil cooler connector	location/I.D. mm angle	F	_
	material comment		_
Connector tolerance	I.D. mm		±0.05
Remarks:			

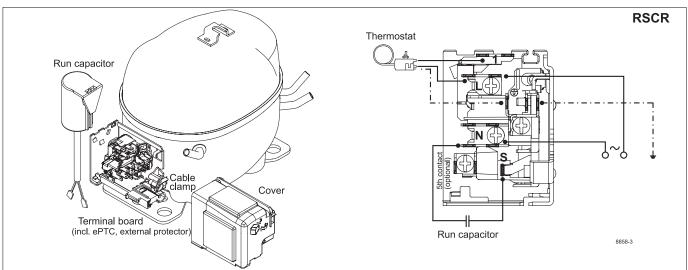


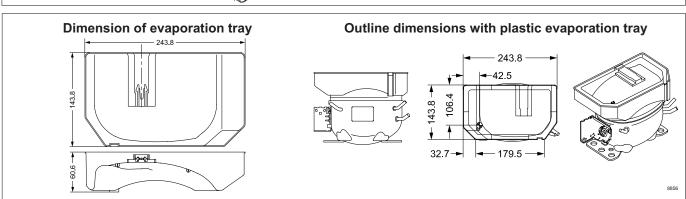




EN 12900 Househo		220V,	220V, 50Hz, RC 4μF, ePTC consumption incl., static cooling (alternative use of PTC +2W)														
Evap. temp. in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W			64.9	87.1	115	126	149	189	235	268	286						
Power cons. in W			56.2	66.8	77.6	81.3	88.5	99.4	110	117	121						
Current cons. in A			0.28	0.32	0.35	0.36	0.39	0.43	0.48	0.51	0.53						
COP in W/W			1.15	1.30	1.48	1.55	1.69	1.90	2.13	2.29	2.37						

ASHRAE LBP	SHRAE LBP 220V, 50Hz, RC 4µF, ePTC consumption incl., static cooling (alternative use of PTC +2W)																
Evap. temp. in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W			79.2	106	140	154	182	230	286	326	348						
Power cons. in W			56.2	66.7	77.4	81.0	88.1	98.9	110	117	120						
Current cons. in A			0.28	0.32	0.35	0.36	0.39	0.43	0.47	0.51	0.53						
COP in W/W			1.41	1.59	1.82	1.90	2.06	2.33	2.61	2.80	2.90						





Accessories for HXK87	AA	Code number
Run capacitor (compulsory) 4.8 mm	or 6.3 mm spade connectors	4 μF
Terminal board (incl. ePTC and external protector)	4.8 mm spade connectors	ZX F5
Terminal board	6.3 mm spade connectors	DA F5
(incl. PTC and external protector)	4.8 mm spade connectors	ZA F5
Motor Protector	AE18 FU x	F5
Evaporation tray (optional)		16299100
All-in-one equipment, e.g. 4ZN		Code number
Cover / cable clamp + screws / earth	ning screw	16168000

Test conditions	EN 12900 Household	ASHRAE LBP
Condensing temperature	55°C	54.4°C
Ambient temperature	32°C	32.2°C
Suction gas temperature	32°C	32.2°C
Liquid temperature	no subcooling	32.2°C

Mounting accessories	Code number						
on request, various options available							

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