Single
Packs

SECOP

Single Pack HXK95AA 220-240V 50Hz RSCR

Single pack code number: **195B4609**

Position	Title	Code	Amount
1	Compressor HXK95AA	16348100	1
2	Terminal board 4.8mm	15163500	1
3	Run capacitor (4µF 420V, 4.8mm)	11261700	1
4	Screw for cable clamp	10636000	1
5	Screw for cable clamp	10636200	1
6	Cable clamp	11341000	1
7	Cover	10636401	1
8	Earth screw	10641201	1
9	Sleeve	10640100	4
10	Rubber grommet 16.5mm	10639900	4

Secop GmbH • Lise-Meitner-Straße 29 • 24941 Flensburg, Germany • Tel: +49 461 4941 0 • **www.secop.com**

Secop accepts no responsibility for possible errors in catalogs, brochures, and other printed material. Secop reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary to specifications already agreed. All trademarks in this material are the property of the respective companies. Secop and the Secop logotype are trademarks of Secop GmbH. All rights reserved.

Model
HXK95AA

Sales code:
16348100

Compressor Data

Refrigerant(s)	**R600a**
Refr. charge - tech. limit	**150g / 5.29oz**
Weight	**9.30 kg / 20.50lbs**
Displacement	**9.60 cm3 / 0.59cu.in**
Compressors on pallet	**100**

General – Configurations With HXK95AA

–	**Conf. 1**
Motor configuration	RSCR
Power supply (nominal)	220-240 V/50 Hz
Number of phases	1
Voltage range	187-264 V
Approvals	VDE
Starting torque	LST
Refrigerant	R600a
Application	LBP

Application Notes

- Various options of connectors are possible - please contact SECOP-Sales.
- Provision for PE Grounding is located at the PE Stamp on the compressor
- Housing with dip-tray fixture (omega bracket).
- Various options of connectors are possible - please contact SECOP-Sales.

Model
HXK95AA

Sales code:
16348100

Compressor Design

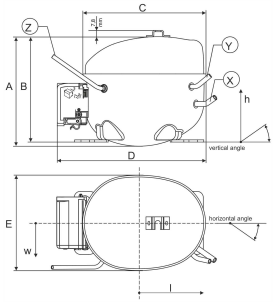
Oil type	**Mineral**	Winding resistance main	**22.4 Ohm**
Oil viscosity	**5cSt**	Winding resistance aux	**15.3 Ohm**
Oil quantity	**165 / 5.58fl.oz**	Max. winding temp.	**130 °C**
Free gas volume comp.	**1,560 cm3 / 52.75fl.oz**	Max. discharge temp.	**130°C / 266°F**
Motor protection	**external**		

Compressor Dimensions

Housing

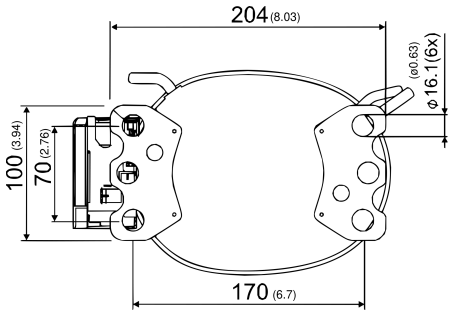
A Height	**174mm / 6.85in**
B Height	**167mm / 6.57in**
C Length shell	**194mm / 7.64in**
D Length w. cover	**238mm / 9.37in**
E Width	**151mm / 5.94in**

Find 3D Model here



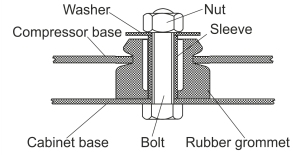
Connectors	Suction X	Discharge Y	Process Z
Diameter [mm]	øi 6.1–6.2 / 0.24–0.24in	øi 5.1–5.2 / 0.20–0.20in	øi 4.3–4.6 / 0.17–0.18in
Material	CU	CU	CU
Horizontal angle ±2°	45°	13°	0°
Vertical angle ±2°	35°	40°	145°
Position l/h/w [mm]	120/71.5/62 / 4.72/2.81/2.44in	112/105.5/62 / 4.41/4.15/2.44in	-140/136/70 / -5.51/5.35/2.76in
Straight tube l. [mm]	13.5 / 0.53in	13.5 / 0.53in	12 / 0.47in

Mounting Accessories

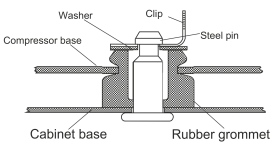


Dimensions in mm [in]

Bolt joint



Snap-on



	one comp.	multi pack
'4ZN' with rubber grommet	–	772N
'4ZN' with rubber grommet and sleeve for M6	–	768N
Bolt joint kit	–	4ZN + 118-1917 (18)
'4ZN' with Snap on kit	–	776N

Model
HXK95AA Configuration 1

Sales code:
16348100

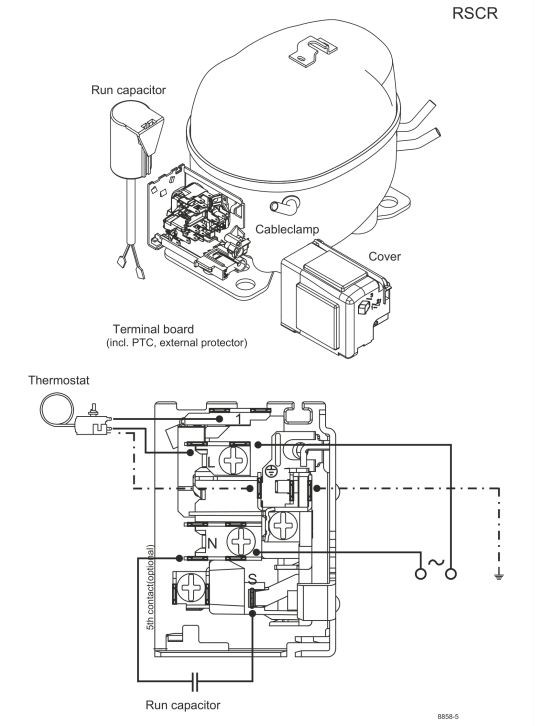
Configuration

Motor configuration	**RSCR**
Power supply (nominal)	**220-240 V/50 Hz 1~**
Refrigerant	**R600a**
Application	**LBP**
Voltage range	**187-264 V**
Starting torque	**LST**
Approvals	**VDE**
Starting device type	**PTC**
Run capacitor	**4 µF**
Start capacitor	**-/-**
RLA (rated load amps / 1s/ U(N))	**-/-A**

Ambient/ machine room temperatures minimum /maximum
Ambient temperature range: 10 - 43°C / 50 - 109°F
Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling
static

Electrical Accessories / Wiring Diagram

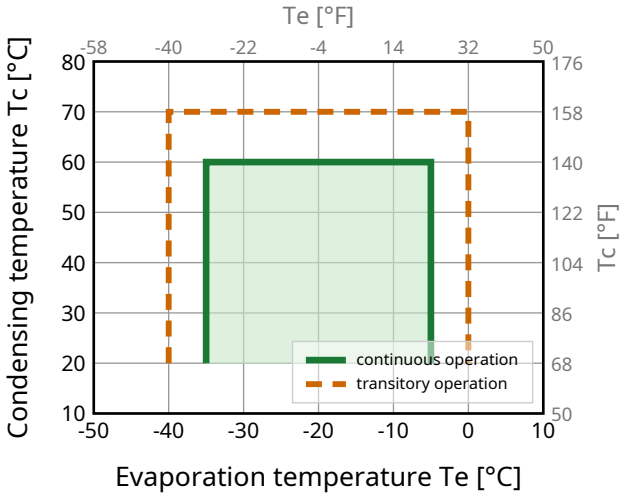


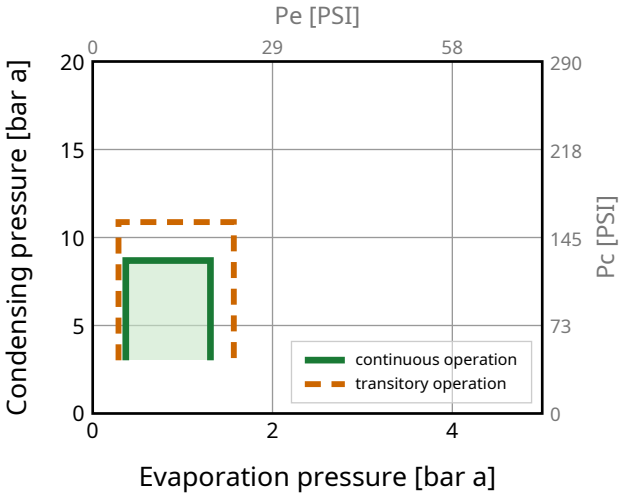
View full size

Components
. terminal board (PTC, 4.8mm) 15163500
. run capacitor (4µF, 4.8mm) 11261700
b cover terminal board 10636401
. cable clamp 16058100
. screw - uni6954 10636000
. screw - uni6954 10636200

Alternative components
. terminal board (PTC, 6.3mm) 15279300
. run capacitor (4µF, 6.3mm) 15186801
. screw uni en iso 4757 10641201

Operation Pressure Range





Model
HXK95AA Configuration 1

Sales code:
16348100

Standard Conditions

R600a, 220 V/50 Hz, RSCR, static

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	ṁ	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	**171**	583	147	**1.91**	6.51	90	0.40	1.84	**ASHRAE LBP**
-25 -13	55 131	32 89.6	55 131	**129**	439	111	**1.50**	5.12	86	0.39	1.68	**CECOMAF LBP**
-35 -31	40 104	20 68	40 104	**88**	300	76	**1.43**	4.86	62	0.31	1.07	**EN12900 LBP**
-23.3 -10	48.8 119.8	4.4 39.9	48.8 119.8	**140**	476	120	**1.59**	5.43	88	0.39	2.04	**ARI540 LBP**
-23.3 -10	40.6 105.1	32.2 90	32.2 90	**184**	629	158	**2.16**	7.36	86	0.38	1.98	**AHAM LBP**
-35 -31	45 113	32 89.6	45 113	**84**	288	73	**1.36**	4.63	62	0.31	1.00	**opt LBP**

Performance Tables

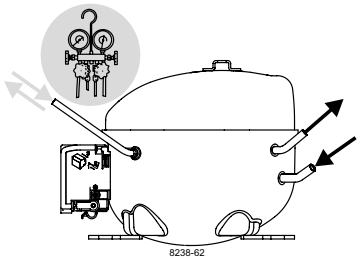
R600a, 220 V/50 Hz, RSCR, static

pc= 45/113 | RGT= 32/89.6 | Tliq= 45/113 | °C/°F

pe		Cooling capacity			COP	EER	P	I	ṁ
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-35	-31	**84**	288	73	**1.36**	4.63	62	0.31	1.00
-30	-22	**114**	389	98	**1.58**	5.39	72	0.34	1.35
-25	-13	**149**	509	128	**1.80**	6.15	83	0.37	1.78
-20	-4	**190**	648	163	**2.02**	6.90	94	0.41	2.27
-15	5	**236**	807	203	**2.24**	7.65	106	0.44	2.82
-10	14	**288**	983	248	**2.46**	8.41	117	0.49	3.45
-5	23	**345**	1178	297	**2.70**	9.21	128	0.55	4.15

pc= 55/131 | RGT= 32/89.6 | Tliq= 55/131 | °C/°F

-35	-31	**73**	249	63	**1.14**	3.89	64	0.32	0.95
-30	-22	**98**	333	84	**1.32**	4.50	74	0.35	1.27
-25	-13	**129**	439	111	**1.50**	5.12	86	0.39	1.68
-20	-4	**166**	565	142	**1.69**	5.75	98	0.43	2.16
-15	5	**208**	711	179	**1.86**	6.36	112	0.47	2.73
-10	14	**257**	878	221	**2.04**	6.97	126	0.53	3.37
-5	23	**312**	1063	268	**2.22**	7.58	140	0.59	4.10



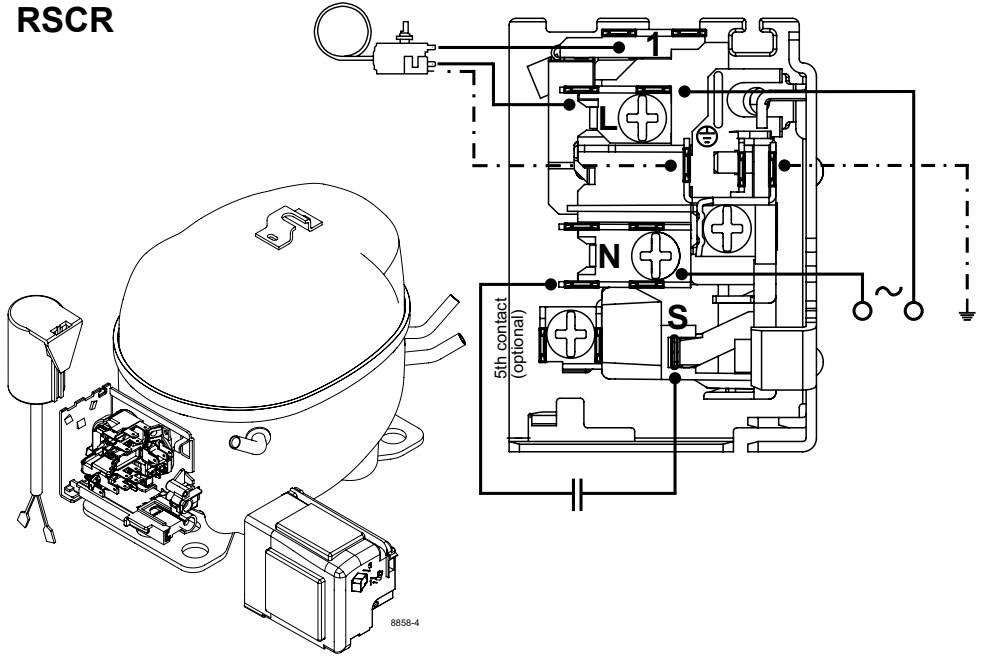
K-Series Compressors
GTK, HKK, HMK, HTK, HXK, HZK

SECOP

Keep electrical equipment clear from oil, chemicals, and water

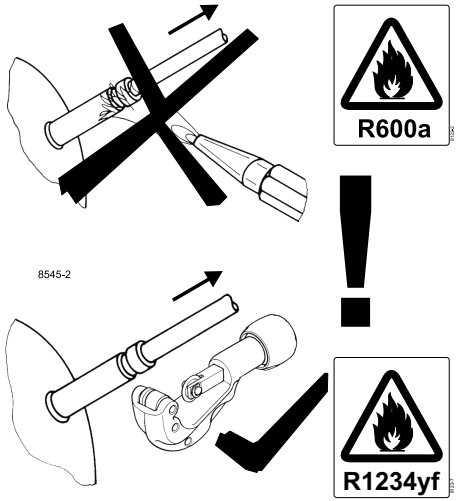
When operated with a flammable refrigerant, only spark-proof starting equipment is allowed.

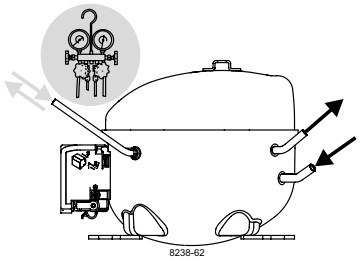
RSCR



Service/Repair – R600a, R1234yf

(applies to all flammable refrigerants)





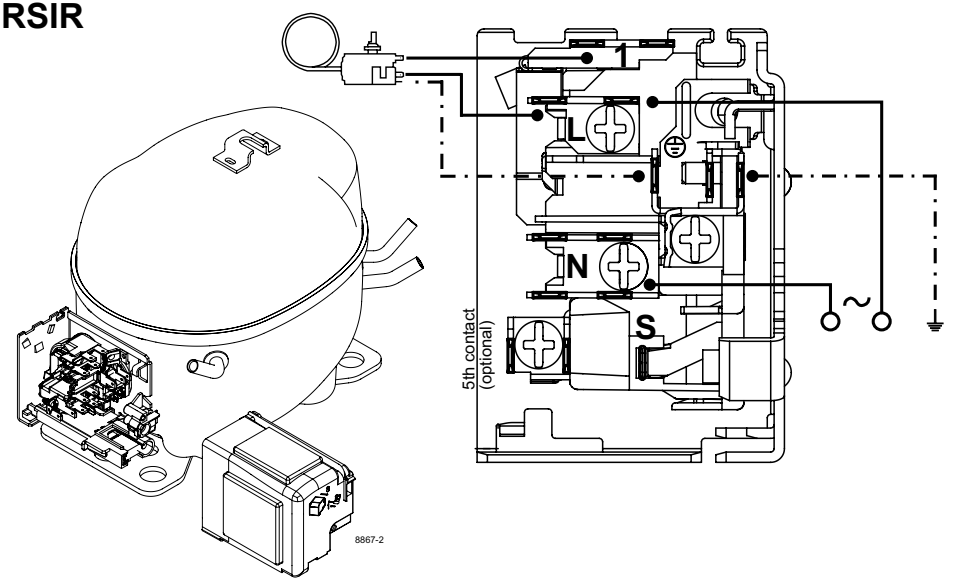
K-Series Compressors
GTK, HKK, HMK, HTK, HXK, HZK

SECOP

Keep electrical equipment clear from oil, chemicals, and water

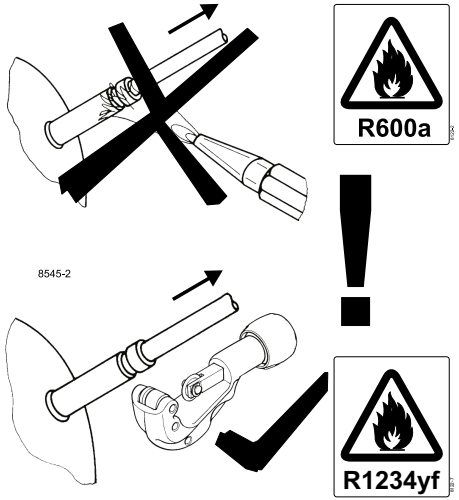
When operated with a flammable refrigerant, only spark-proof starting equipment is allowed.

RSIR



Service/Repair – R600a, R1234yf

(applies to all flammable refrigerants)



Dismantling, recycling, disposal: At the end of a compressor's lifecycle, proceed by separating and storing components according to their environmental impact. Parts that may cause pollution must be clearly identified and handled separately, ensuring appropriate disposal. Refrigerant gas must not be released into the environment and should be recovered by qualified operators. Compressor oil must also be collected separately. The compressor should be disposed of at specialized disposal centers in accordance with the applicable regulations. **Subject to modifications/alterations. www.secop.com**