

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

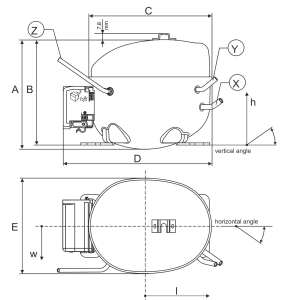
Oil type	Mineral	Winding resistance main	22.4 Ohm
Oil viscosity	5cSt	Winding resistance aux	15.3 Ohm
Oil quantity	165 / 5.58fl.oz	Max. winding temp.	130 °C
Free gas volume comp.	1,560 cm ³ / 52.75fl.oz	Max. discharge temp.	130°C / 266°F
Motor protection	external		

Compressor Dimensions

Housing

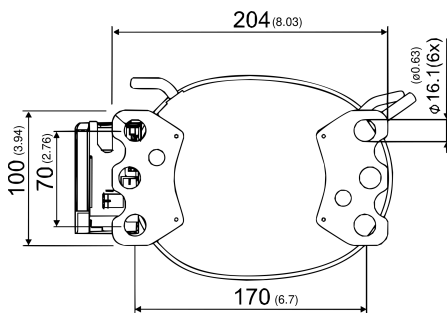
A Height	174mm / 6.85in
B Height	167mm / 6.57in
C Length shell	194mm / 7.64in
D Length w. cover	238mm / 9.37in
E Width	151mm / 5.94in

[Find 3D Model here](#)



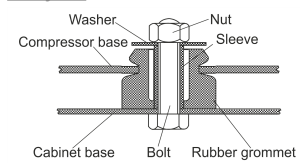
Connectors	Suction X	Discharge Y	Process Z
Diameter [mm]	øi 6.1–6.2 / 0.24–0.24in	øi 5.1–5.2 / 0.20–0.20in	øi 4.3–4.6 / 0.17–0.18in
Material	CU	CU	CU
Horizontal angle ±2°	45°	13°	0°
Vertical angle ±2°	35°	40°	145°
Position l/h/w [mm]	120/71.5/62 / 4.72/2.81/2.44in	112/105.5/62 / 4.41/4.15/2.44in	-140/136/70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

Mounting Accessories

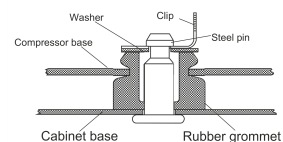


Dimensions in mm [in]

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

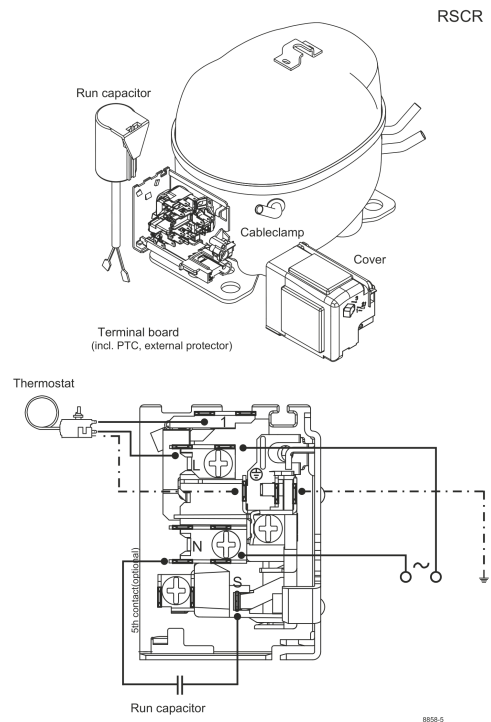
Ambient temperature range: 10 - 43°C / 50 - 109°F

Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling

static

Electrical Accessories / Wiring Diagram



[View full size](#)

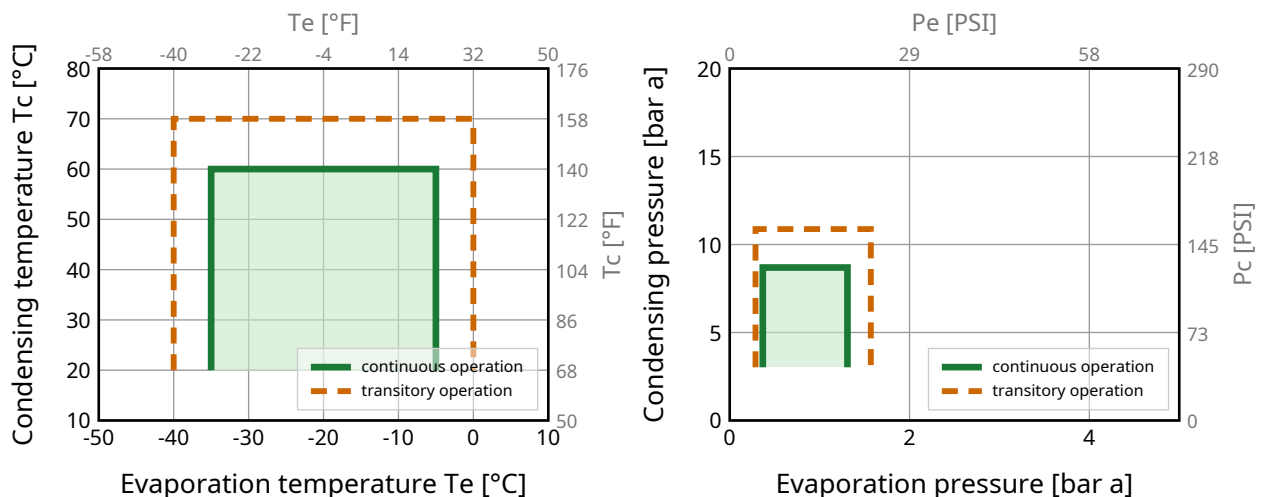
Components

- . terminal board (PTC, 4.8mm) 15163500
- . run capacitor (4 μ F, 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 (4 μ F, 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	m	
[°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	m
[°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