

R134a · 200–240 V | 50 Hz

TOP PERFORMANCE UNDER TOUGH CONDITIONS

SECCP



K-Series Tropical



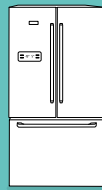
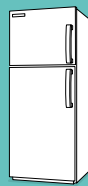
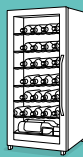
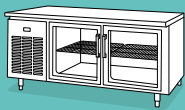
TOP EFFICIENCY

170–264 V

WIDE OPERATING
VOLTAGE RANGE



RESIDENTIAL
APPLICATIONS



- Masters voltage fluctuations
- Starts under low voltage conditions without reverse rotation and without stalling
- Highly efficient cabinets possible
- Less noise, less vibrations and high reliability
- Assembly on the production lines in far less time with easily accessible start equipment
- Worldwide approved by large OEMs because of competitive cost structure
- Interim solution to R600a refrigerant – simple later application update with K-Series R600a compressors

The **K-Series** (formerly KAPPA) is one of Secop's core product families in the residential market, with more than 50 million units produced.

Recognized for outstanding energy efficiency levels, low noise, strong reliability and a competitive cost structure, the K-Series ensures a unique combination of short-term savings, fast-moving production and long term sustainability.

The K-Series for tropical conditions is designed to support regions which experience harsh and challenging environments and where voltage fluctuations as well as high ambient temperatures need to be taken into account.

The ability to start under low voltage conditions without reverse rotation and without stalling presents an outstanding solution for those harsh environments.

GENERAL	GTK55AT	GTK70AT	GTK80AT
Compressor	CDO00153	CDO00154	CDO00155
Approvals	EN 60335-2-34 with Annex AA		

APPLICATION	R134a		
Application	LBP	LBP	LBP
Evaporating temperature	°C	-35 to -10	-35 to -10
Voltage range / frequency	V/Hz	170-264/50	170-264/50

PERFORMANCE DATA ASHRAE LBP [200 V, 50 Hz • PTC • static cooling]			
Evaporating temperature	°C	-23.3	-23.3
Cooling capacity	W	170	205
Power consumption	W	115	135
COP	W/W	1.48	1.52
Test conditions	Condensing temperature: 54.4 °C Suction gas temperature: 32.2 °C Ambient temperature: 32.2 °C Liquid temperature: 32.2 °C		

PERFORMANCE DATA ASHRAE LBP [200 V, 50 Hz • run capacitor • PTC • static cooling]			
Evaporating temperature	°C	-23.3	-23.3
Cooling capacity	W	170	205
Power consumption	W	110	128
COP	W/W	1.55	1.60
Test conditions	Condensing temperature: 54.4 °C Suction gas temperature: 32.2 °C Ambient temperature: 32.2 °C Liquid temperature: 32.2 °C		

PERFORMANCE DATA EN12900 HOUSEHOLD [200 V, 50 Hz • run capacitor • PTC • static cooling]			
Evaporating temperature	°C	-25	-25
Cooling capacity	W	128	154
Power consumption	W	106	123
COP	W/W	1.21	1.25
Test conditions	Condensing temperature: 55 °C Suction gas temperature: 32 °C Ambient temperature: 32 °C Liquid temperature: 55 °C		

DIMENSIONS			
Height	mm	A	167
Suction connector	location/I.D. mm angle material seal	C	6.15 35° Copper plated steel Rubber plug
Process connector	location/O.D. mm angle material seal	D	6.00 35° Copper Rubber plug
Discharge connector	location/I.D. mm angle material seal	E	5.15 40° Copper plated steel Rubber plug

