

R134a · R513A · 115–127V | 60Hz

PREMIUM ROBUSTNESS SOLUTION FOR HIGH EFFICIENT CABINETS

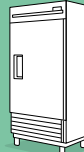
SECCP



KLE-GFMX/GFHX/CFHX



Commercial
Applications



Hot Gas
Defrost



Broad Application
Range (LBP/MBP)



High Overload
Robustness



Reduced Noise
and Vibration



Excellent
Efficiency

→ Premium Robustness

KLE compressors feature the tried and trusted quality of our K-Series compressors optimized for light commercial applications

→ Robust Solution for Food Retail and Food Service Applications

Dedicated reliable design for bottle coolers, glass door merchandisers, ice cream freezers and suitable for food service applications (LBP and MBP applications)

→ Excellent Efficiency

High COP and top efficiency for light commercial applications

→ Optimized Refrigerant Intake

The new muffler feature minimizes the risk of compressor or system damage due to extreme liquid return conditions

→ Easier Application Assembly

New terminal board design for additional interconnections

→ Reduced Noise Level

Improved noise and reduced vibration

Secop's new **KLE-GFMX/GFHX/CFHX** compressors are based on the very successful K-Series, Secop's core product for residential applications, with more than 50 million units installed.

The KL-Series was developed to offer a reliable, top performing, and cost-effective solution for the next generation of light commercial cabinets offering high energy efficiency.

Secop has developed a robust series for commercial refrigeration, which integrates various technical innovations, such as a noise-reducing shell, robust suspension, a robust internal discharge tube, improved valves, optimized motors, and a new muffler for lower noise levels.

KLE-GFMX/GFHX/CFHX compressors have an optimized muffler system specially developed for applications with rapid load changes and extreme liquid return conditions. It increases the robustness and reliability of the cooling system against this type of overload.

These compressors are designed to operate also with hot gas defrosting.

General	KLE4.0GFMX	KLE4.8GFHX	KLE5.6GFHX	KLE6.6GFHX	KLE7.7CFHX
Compressor	106G6403	106G6503	106G6603	106G6703	106G6803
Compressor with pre-assembled start equipment	106G6413	106G6513	106G6613	106G6713	106G6813
Approvals	UL, CB	UL	UL	UL	UL

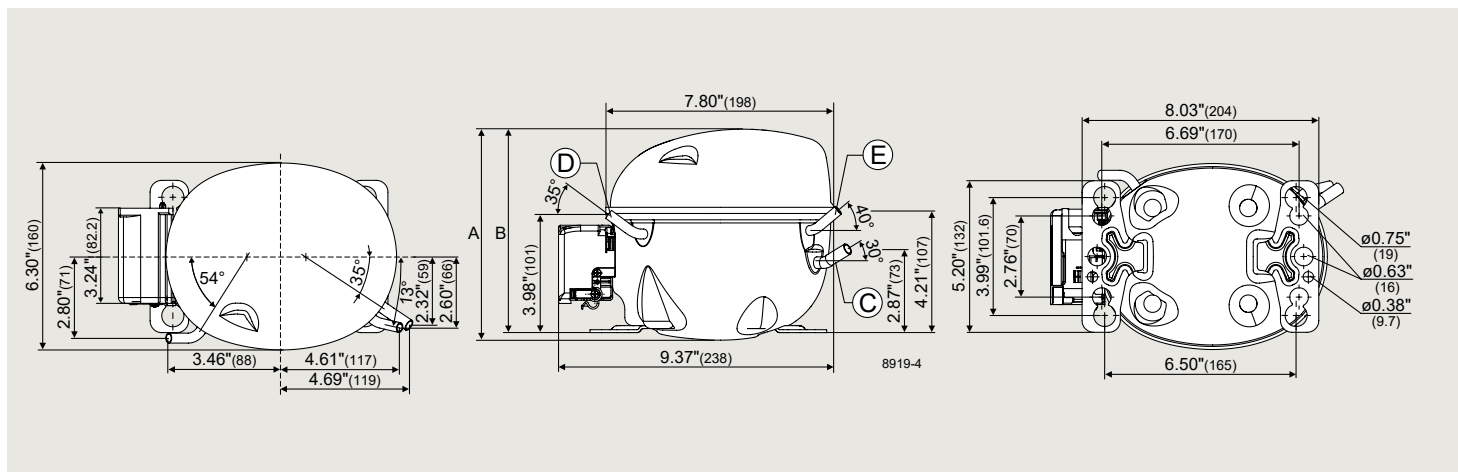
Application	R134a				
Application	LBP/MBP/HBP	LBP/MBP/HBP	LBP/MBP/HBP	LBP/MBP/HBP	LBP/MBP
Evaporating temperature	°F	-25 to 59	-25 to 59	-25 to 59	-25 to 50
Voltage range / frequency	V/Hz	90-140/50, 60	95-140/60	95-140/60	95-140/60

Performance Data ASHRAE LBP (115 V, 60 Hz • fan cooling)					
Evaporating temperature	°F	-10	-10	-10	-10
Cooling capacity	BTU/h	401	554	663	802
Power consumption	W	100	125	149	175
EER	BTU/Wh	4.01	4.43	4.45	4.58
Test conditions	Condensing temperature: 130 °F Suction gas temperature: 90 °F Ambient temperature: 90 °F Liquid temperature: 90 °F				

Performance Data ASHRAE MBP (115 V, 60 Hz • fan cooling)					
Evaporating temperature	°F	20	20	20	20
Cooling capacity	BTU/h	882	1160	1368	1646
Power consumption	W	143	181	215	258
EER	BTU/Wh	6.17	6.41	6.36	6.38
Test conditions	Condensing temperature: 130 °F Suction gas temperature: 95 °F Ambient temperature: 90 °F Liquid temperature: 115 °F				

Performance Data ARI 540 MBP (115 V, 60 Hz • fan cooling)					
Evaporating temperature	°F	20	20	20	20
Cooling capacity	BTU/h	811	1048	1231	1475
Power consumption	W	138	172	208	248
EER	BTU/Wh	5.88	6.09	5.92	5.95
Test conditions	Condensing temperature: 120 °F Suction gas temperature: 40 °F Ambient temperature: 95 °F Liquid temperature: 120 °F				

Dimensions			
Height	inch	A	7.17
		B	6.89
Suction connector	location/I.D. inch angle material seal	C	0.32-0.33 30° Copper Rubber plug
Process connector	location/I.D. inch angle material seal	D	0.25-0.26 35° Copper Rubber plug
Discharge connector	location/I.D. inch angle material seal	E	0.25-0.26 40° Copper Rubber plug



Secop GmbH · Lise-Meitner-Str. 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 consequential 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.