

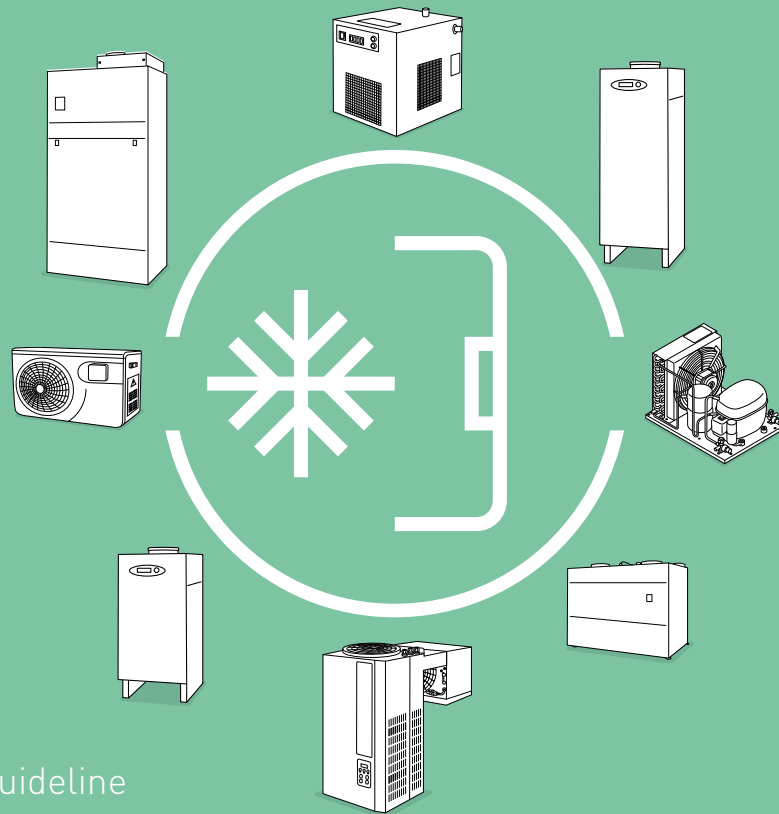
Secop is the first choice for partners looking for leading-edge refrigeration solutions and a premium customer experience.

Secop delivers advanced refrigeration compressors and controls, providing customers tailored sustainable solutions for light commercial, battery-driven, and special cooling applications.

HERMETIC PROPANE COMPRESSORS (220–240 V/50 Hz)

SECCOP

Special Applications



Application Guideline

Find the best compressor for your
light commercial cooling application



Propane R290
Green Refrigerant



PRODUCT PORTFOLIO

A complete range of sustainable and efficient cooling solutions in fixed-speed and variable-speed configuration.



 Try out Secop's Toolkit app now!

Available for devices running on Apple's iOS, Google's Android or as a web app. The integrated Application Selector helps users find the best compressors for specific applications and conditions.



FIXED-SPEED

Series	Displacement (cm³)	LBP (W) ASHRAE	MBP (W) ASHRAE	HBP (W) ASHRAE	Refrigerants	
	0 35	0 2000	0 3500	0 2750	 HC	HFO/HFC
KL-Series	4.0 - 4.8 - 5.6 - 6.6 7.7 - 8.6	102 - 490	221 - 847	398 - 1080	R290	R134a R513A
N-Series	6.13 - 7.0 - 7.3 - 8.4 - 8.8 9.0 - 10.0 - 11.0 - 14.65	127 - 909	320 - 1557	1400 - 1424	R290 R600a	R134a R513A R404A R452A
S-Series	10.29 - 12.0 - 15.0 - 18.0 21.0 - 23.0 - 25.0	167 - 1331	493 - 2440	923 - 2266	R290	R134a R513A R404A R407C R452A
G-Series	21.2 - 26.3 - 33.8	1207 - 1912	1448 - 3363	2613		R134a R513A R404A

VARIABLE-SPEED

Series	Displacement (cm³)	LBP (W) ASHRAE	MBP (W) ASHRAE	Refrigerants	
	0 35	0 2000	0 3500	 HC	
NLV/E	7.96 - 10.0 - 12.6 - 14.65	265 - 1070	490 - 1830	R290	
SLVE	17.69	666 - 1190	1200 - 2149	R290	

BUILT FOR TODAY'S REFRIGERATION CHALLENGES

Commercial refrigeration systems face increasingly stringent regulations, higher efficiency requirements, and growing sustainability expectations.

Regulatory-ready

The new R290 product range is designed to support long-term compliance with evolving F-Gas phase-down regulations.

Purpose-built solutions for heat pumps and enclosure cooling

Dedicated compressor models optimized for heat pump and enclosure cooling applications, using alternative low-GWP refrigerants.

Engineered for demanding operating conditions

Reliable performance at evaporating temperatures of up to +25 °C, even under challenging real-world conditions.

Compact and quiet by design

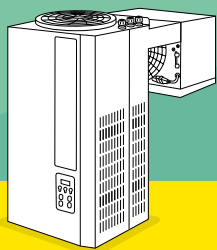
A more compact footprint and lower noise levels compared to alternative compressor technologies.



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MONOBLOCK FREEZERS



Refrigerant: R290		Liters		
Compressor Series	Compressor Designation	700	1400	2100
NLV 	NLV15CN			
	NLV12.6CN			
	NLV8.0CN			
S 	SCE25LNDX			
	SCE21LNDX			
	SCE18CNLX			
N 	NLE13LNDX			
	NLE11CNL			

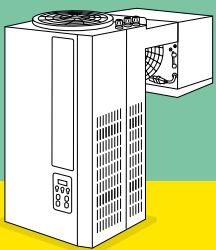


Motor Technology

 Fixed-Speed Drive (FSD)

 Variable-Speed Drive (VSD)

MONOBLOCK REFRIGERATORS



Refrigerant: R290		Liters		
Compressor Series	Compressor Designation	700	1400	2100
N 	NLE13MNDX			
KL 	KLF8.6CND			
	KLF5.6CND			



 Supply Voltage

Secop compressors are available for all worldwide AC mains supply standards.

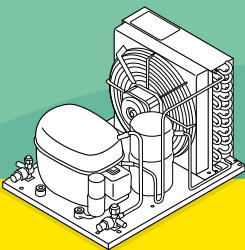
 Natural Refrigerant Propane (R290)

Secop propane compressors offer a very low GWP and maximum performance.

 Variable-Speed Efficiency

Secop variable-speed propane compressors offer energy savings of up to 40%.

CONDENSING UNITS FREEZERS



Refrigerant: R290		Watt		
Compressor Series	Compressor Designation	400-600	600-800	800-1000
S 	SCE23LNDX			■
	SCE21CNLX			■
	SCE18CNLX		■	
N 	NLE15LNDX		■	
	NLE14LNDX		■	
	NLE13LNDX	■		



Motor Technology

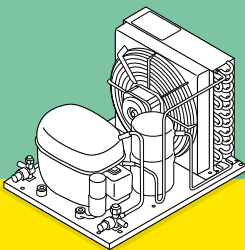
■

 Fixed-Speed Drive (FSD)

■

 Variable-Speed Drive (VSD)

CONDENSING UNITS REFRIGERATORS



Refrigerant: R290		Watt				
Compressor Series	Compressor Designation	600-800	800-1000	1000-1400	1400-1800	1800+
S 	SCE25MNDX					■
	SCE23MNDX					■
	SCE21MNX				■	
	SCE18MNX				■	
N 	SCE15MNX			■		
	NLE13MNDX		■			
	NLE10CN		■			
KL 	KLF8.6CND	■				



Supply Voltage

Secop compressors are available for all worldwide AC mains supply standards.



Natural Refrigerant Propane (R290)

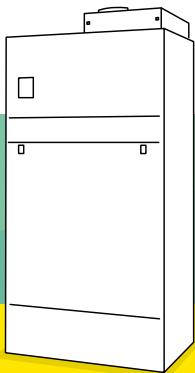
Secop propane compressors offer a very low GWP and maximum performance.



Variable-Speed Efficiency

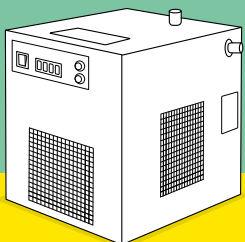
Secop variable-speed propane compressors offer energy savings of up to 40%.

HOT WATER HEATPUMPS



Refrigerant: R290		Liters					
Compressor Series	Compressor Designation	100	150	200	250	300	400
 N	NLE11DNDX (under development)						■
	NLE10DNDX				■	■	
	NLU8.8DN			■	■		
 KL	KLF6.6DND (under development)	■	■	■			

AIR DRYERS/ DEHUMIDIFIERS



Refrigerant: R290		Liters/Day		
Compressor Series	Compressor Designation	20	30	40
 S	SCE18MNX			■
	SCE15MNX			■
 N	NLE13MNDX		■	
	NLE11MNDX		■	
	NLE10CN	■		
 KL	KLF8.6CND	■		



Motor Technology

Fixed-Speed Drive (FSD)

Variable-Speed Drive (VSD)



Secop compressors are available for all worldwide AC mains supply standards.



Secop propane compressors offer a very low GWP and maximum performance.



Secop variable-speed propane compressors offer energy savings of up to 40%.

SECOP GROUP: AROUND THE WORLD

SECOP**12**

international
partners for
advanced
developments

33

laboratories
located in Germany,
Slovakia, China,
U.S.A., and Turkey

150+

R&D engineers
and technicians

400+

patents globally

50+

countries with
customer support



Secop is the expert for advanced hermetic compressor technologies and cooling solutions in commercial refrigeration. We develop high performance stationary and mobile cooling solutions for leading international commercial refrigeration manufacturers and are the first choice when it comes to leading hermetic compressors and electronic controls for refrigeration solutions for light commercial and DC-powered applications.

Secop was formerly known as Danfoss Compressors and is one of the founding fathers of modern compressor technology with years of experience that goes back to the beginning of the 1950s.



Flensburg: Sales and R&D



Turin: Sales



Atlanta: Sales and Logistics



Zlaté Moravce: R&D, Logistics, and Manufacturing



Tianjin: Sales, R&D, Logistics, and Manufacturing



Stationary Cooling



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