

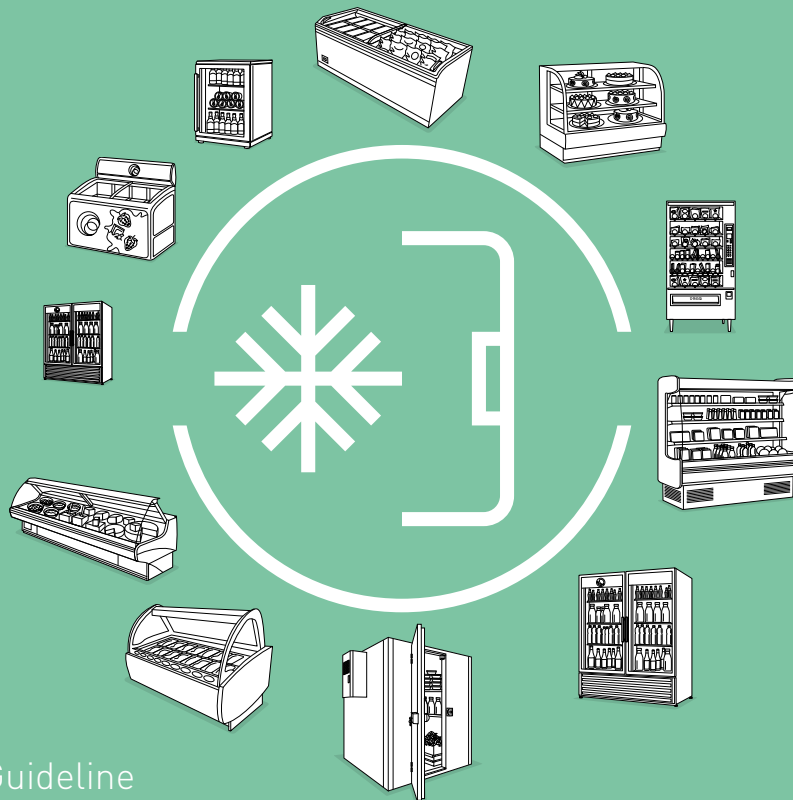
Secop is the first choice for partners looking for leading-edge refrigeration solutions and a premium customer experience.

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)

SECCP

Food Retail 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	
	035	02000	03500	02750	 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	
	035	02000	03500	 HC	
NLV/E	7.96 - 10.0 - 12.6 - 14.65	265 - 1070	490 - 1830	R290	
SLVE	17.69	666 - 1190	1200 - 2149	R290	

SMART CONTROL AND MEASURABLE SAVINGS

Secop’s variable-speed technology optimizes cooling performance while reducing energy consumption.

Energy savings up to 40%

Variable-speed compressors significantly reduce energy consumption, lowering operating costs while improving overall system efficiency.

Modular variable-speed drive capability

Three control levels provide the optimal solution for a wide range of customer requirements.

Adaptive cooling and enhanced temperature stability

Electronic controls continuously adjust compressor speed to match actual cooling demand, ensuring more stable temperatures, improved food preservation, and reduced waste.

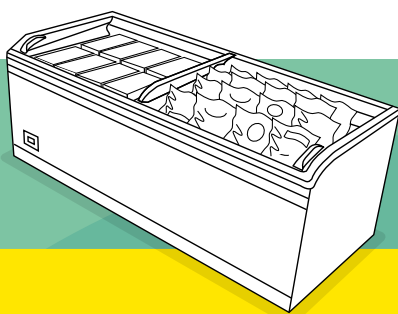
Leadership in natural refrigerants

Comprehensive R290 portfolio covering applications up to 2500 W, available in both variable-speed and fixed-speed (ON/OFF) compressor technologies.

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SUPERMARKET FREEZERS



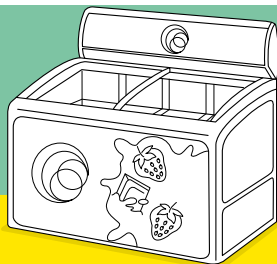
Refrigerant: R290		Meters			
Compressor Series	Compressor Designation	1,5	1,8	2,1	2,5
SLVE 	SLVE18CN				■
	NLV15CN				■
NLV 	NLV12.6CN			■	
	NLV10CN		■		
	NLV8.0CN	■			
S 	SCE21LNDX				■
	SCE18CNLX			■	
N 	NLE15LNDX		■		
	NLE13LNDX	■			

Motor Technology

Fixed-Speed Drive (FSD)

Variable-Speed Drive (VSD)

HORIZONTAL GLASS DOOR FREEZERS



Refrigerant: R290		Liters				
Compressor Series	Compressor Designation	100	200	300	400	500
NL 	NLE10CN					■
KL 	KLF8.6CND				■	
	KLF6.6CND			■		
	KLF5.6CND			■		
	KLF4.8CND		■			
	KLF4.0CND	■				
	KLF3.0CNT (under development)	■				



Supply Voltage

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



Natural Refrigerant Propane (R290)

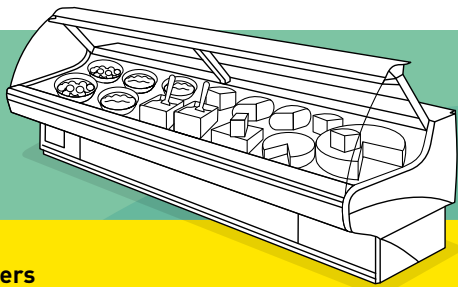
Secop propane compressors offer a very low GWP and maximum performance.



Variable-Speed Efficiency

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

DISPLAY
CASES



Refrigerant: R290		Meters				
Compressor Series	Compressor Designation	1,2	1,5	1,8	2,0	2,2
SLVE 	SLVE18CN					
NLV 	NLV12.6CN					
S 	SCE25MNDX					
	SCE23MNDX					
	SCE21MNDX					
	SCE18MNX					
	SCE15MNX					
N 	NLE13MNDX					
	NLE11MNDX					
	NLE10CN					

Motor Technology

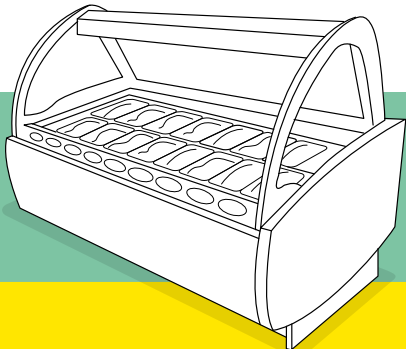


Fixed-Speed Drive (FSD)



Variable-Speed Drive (VSD)

SOFT SCOOP
ICE CREAM DISPLAYS



Refrigerant: R290		Meters		
Compressor Series	Compressor Designation	1	1,6	2,1
NLV 	NLV12.6CN			
S 	SCE25LNDX			
	SCE23LNDX			
	SCE21LNDX			
	SCE18CNLX			
N 	NLE15LNDX			
	NLE14LNDX			
	NLE13LNDX			
	NLE10CN			
KL 	KLF8.6CND			



Supply Voltage



Natural Refrigerant Propane (R290)



Variable-Speed Efficiency

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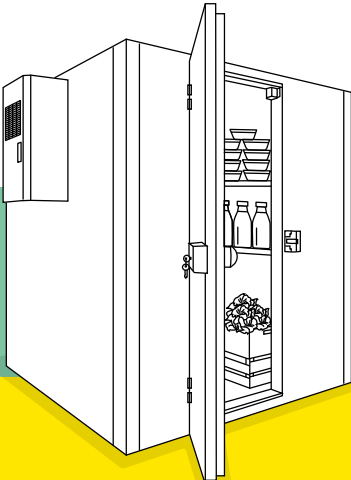
BOTTLE/BEVERAGE COOLERS



Refrigerant: R290		Liters				
Compressor Series	Compressor Designation	1 Door 300-500	1 Door 500-700	1 Door 700-1000	2 Door 1000-1400	2 Door 1400-1600
S 	SCE18MNX					
	SCE15MNX					
N 	NLE13MNDX					
	NLE11MNDX					
	NLE10CN					
KL 	KLF8.6CND					
	KLF7.7CND					
	KLF6.6CND					
	KLF5.6CND					
	KLF4.8CND					

Motor Technology Fixed-Speed Drive (FSD)
 Variable-Speed Drive (VSD)

WALK-IN REFRIGERATORS



Refrigerant: R290		Cubic Meters	
Compressor Series	Compressor Designation	4	6
NLV 	NLV12.6CN		
S 	SCE21MNDX		
	SCE18MNX		
N 	NLE13MNDX		
	NLE10CN		
KL 	KLF8.6CND		



 Supply Voltage

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

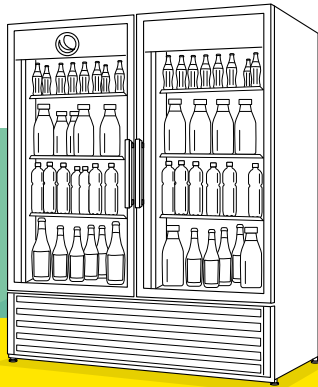
 Natural Refrigerant Propane (R290)

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%.

GLASS DOOR MERCHANDISERS
COOLERS



Refrigerant: R290		Meters		
Compressor Series	Compressor Designation	1,25	2,50	3,75
SLVE 	SLVE18CN			
	NLV12.6CN			 2 compressors
NLV 	NLV8.0CN			
	SCE25MNDX			
S 	SCE21MNDX			 2 compressors
	NLE13MNDX			
N 	NLE11MNDX			

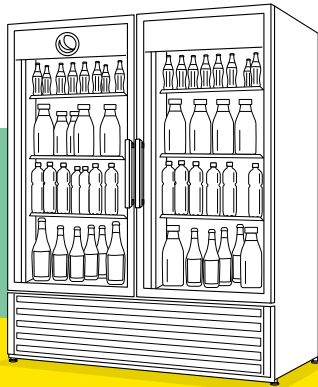


Motor Technology

 Fixed-Speed Drive (FSD)

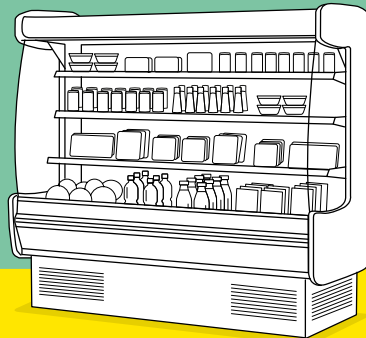
 Variable-Speed Drive (VSD)

GLASS DOOR MERCHANDISERS
FREEZERS



Refrigerant: R290		Meters		
Compressor Series	Compressor Designation	1,25	2,50	3,75
NLV 	NLV15CN		 2 compressors	 3 compressors
S 	SCE25LNDX		 2 compressors	 3 compressors

REACH-IN MERCHANDISERS
MULTIDECKS



Refrigerant: R290		Meters		
Compressor Series	Compressor Designation	1,25	2,50	3,75
SLVE 	SLVE18CN		 2 compressors	 3 compressors
S 	SCE25MNDX		 2 compressors	 3 compressors

 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%.

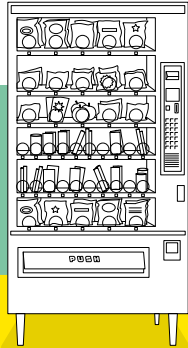
SHOW
CASES



Refrigerant: R290		Meters				
Compressor Series	Compressor Designation	1,2	1,5	1,8	2,0	2,2
SLVE 	SLVE18CN					
NLV 	NLV12.6CN					
S 	SCE23MNDX					
	SCE21MNDX					
	SCE18MNX					
	SCE15MNX					
N 	NLE13MNDX					
	NLE11MNDX					
	NLE10CN					

Motor Technology  Fixed-Speed Drive (FSD)
 Variable-Speed Drive (VSD)

VENDING
MACHINES



Refrigerant: R290		Liters		
Compressor Series	Compressor Designation	750-950	1100-1350	1350-1450
NLV 	NLV8.0CN			
N 	NLE10CN			
KL 	KLF8.6CND			
	KLF7.7CND			
	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%.

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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