

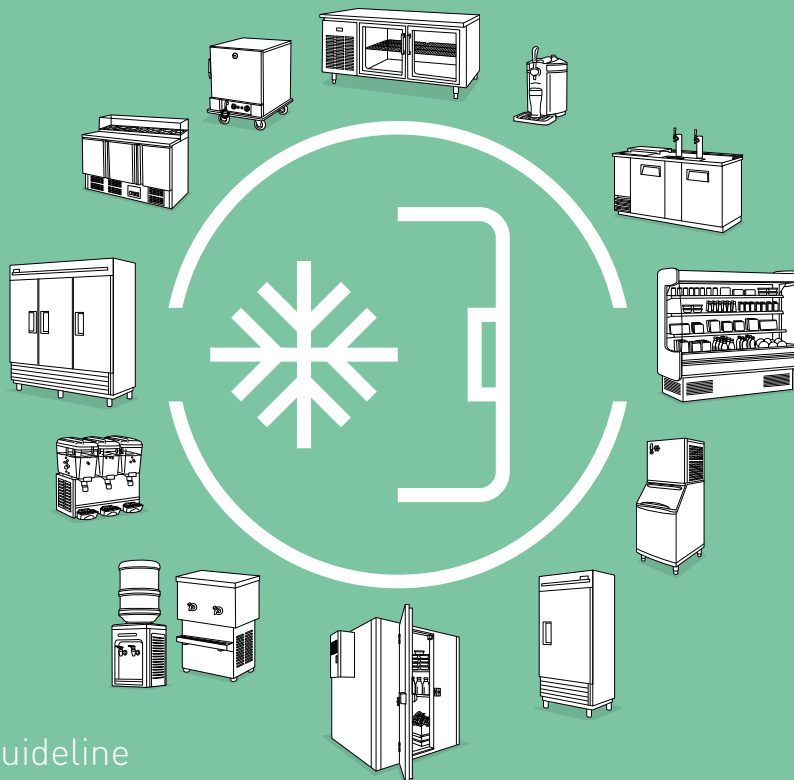
Secop is the first choice for partners looking for leading-edge refrigeration solutions and a premium customer experience.

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 Service 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 (cm ³)	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 (cm ³)	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	

LEADER IN NATURAL REFRIGERANT SOLUTIONS

Secop has more than 25 years of experience developing compressors optimized for hydrocarbon refrigerants.

Wide application range

Cooling capacities from 100 to 2500 W across LBP and MBP/HBP applications. Wide voltage and frequency compatibility ensures maximum flexibility for global use.

Superior efficiency

High COP performance optimized for light commercial applications using low-GWP refrigerants.

Patented hermetic terminal plug

Minimizes the risk of refrigerant leakage and enhances overall system safety.

Robust design

Engineered for reliable performance in demanding commercial refrigeration applications.

Easy transition to variable-speed technology

Seamless migration to variable-speed drive solutions, enabling energy savings of up to 40%.

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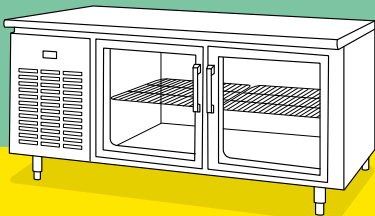


REACH-IN REFRIGERATORS



Refrigerant: R290		Liters								
Compressor Series	Compressor Designation	300-500	500-700	700-900	900-1100	1100-1300	1300-1500	1500-1700	1700-1900	1900-2000
NLV 	NLV10CN									
	NLV8.0CN									
S 	SCE18MNX									
	SCE15MNX									
N 	NLE13MNDX									
	NLE11MNDX									
	NLE10CN									
KL 	KLF8.6CND									
	KLF7.7CND									
	KLF6.6CND									
	KLF5.6CND									
	KLF4.8CND									

UNDERCOUNTER REFRIGERATORS



Refrigerant: R290		Meters		
Compressor Series	Compressor Designation	0,7	1,4	2,1
NLV 	NLV8.0CN			
KL 	KLF7.7CND			
	KLF6.6CND			
	KLF5.6CND			
	KLF4.8CND			
	KLF4.0CND			

Motor Technology

 Fixed-Speed Drive (FSD)

 Variable-Speed Drive (VSD)





Supply Voltage

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



Natural Refrigerant Propane (R290)

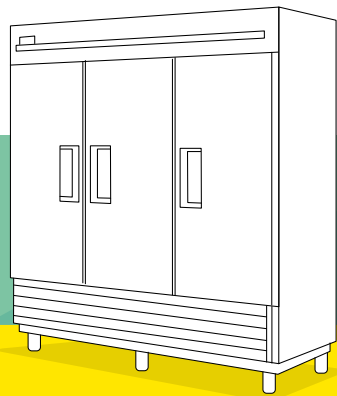
Secop propane compressors offer a very low GWP and maximum performance.



Variable-Speed Efficiency

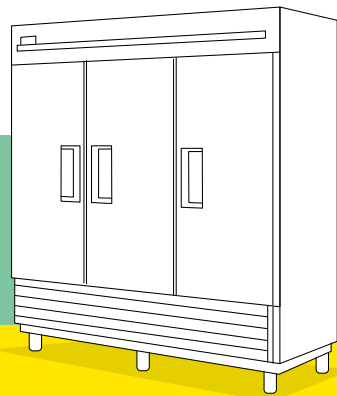
Secop variable-speed propane compressors offer energy savings of up to 40%.

SOLID DOOR STAINLESS STEEL REFRIGERATORS



Refrigerant: R290		Liters			
Compressor Series	Compressor Designation	1/2 Door 350	1 Door 700	2 Doors 1400	3 Doors 2100
N 	NLE11MNDX				■
	NLE10CN				■
KLF 	KLF6.6CND			■	
	KLF5.6CND			■	
	KLF4.8CND		■		
	KLF4.0CND	■			

SOLID DOOR STAINLESS STEEL FREEZERS



Refrigerant: R290		Liters			
Compressor Series	Compressor Designation	1/2 Door 350	1 Door 700	2 Doors 1400	3 Doors 2100
NLV 	NLV12.6CN			■	
	NLV8.0CN		■		
S 	SCE25LNDX				■
	SCE21LNDX			■	
N 	NLE13LNDX		■		
KL 	KLF8.6CND	■			



Motor Technology

Fixed-Speed Drive (FSD)

Variable-Speed Drive (VSD)



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.

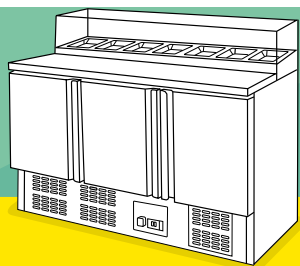


Variable-Speed Efficiency

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

PREPARATION TABLES

REFRIGERATORS



Refrigerant: R290		Doors	
Compressor Series	Compressor Designation	2-3	4-5
KL 	KLF6.6CND		■
	KLF5.6CND		■
	KLF4.8CND	■	



Motor Technology

■

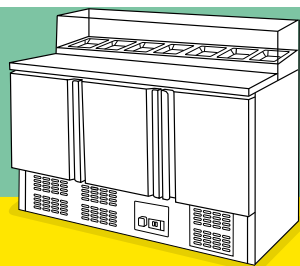
 Fixed-Speed Drive (FSD)

■

 Variable-Speed Drive (VSD)

PREPARATION TABLES

FREEZERS



Refrigerant: R290		Doors	
Compressor Series	Compressor Designation	2-3	4-5
NLV	NLV8.0CN		■
N 	NLE15LNDX		■
	NLE13LNDX		■
	NLE10CN	■	
KL	KLF8.6CND	■	



Supply Voltage

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

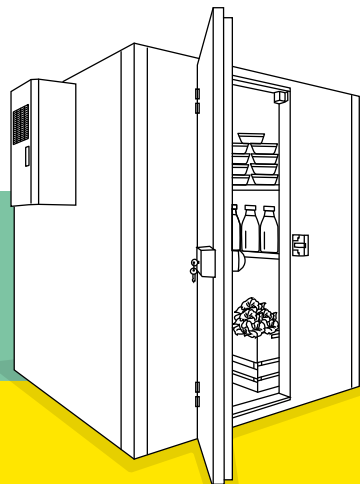
Natural Refrigerant Propane (R290)

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%.

WALK-IN
FREEZERS



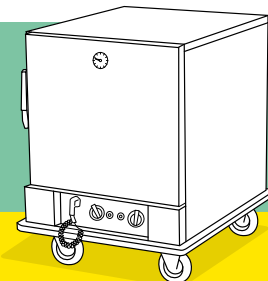
Refrigerant: R290		Cubic Meters	
Compressor Series	Compressor Designation	4	6
NLV 	NLV12.6CN		
	NLV10CN		
	NLV8.0CN		
S 	SCE21LNDX		
	SCE18CNLX		
N 	NLE15LNDX		
	NLE14LNDX		
	NLE13LNDX		
	NLE11CNL		
	NLE10CN		

Motor Technology

 Fixed-Speed Drive (FSD)

 Variable-Speed Drive (VSD)

CATERING (Ho.Re.Ca.)
FREEZERS



Refrigerant: R290		Meters		
Compressor Series	Compressor Designation	1	1,5	2
NLV 	NLV12.6CN			
	NLV10CN			
S 	SCE18MNX			
N 	NLE15LNDX			
	NLE14LNDX			
	NLE13LNDX			
	NLE13MNDX			
KL 	NLE11MNDX			
	KLF8.6CND			
	KLF7.7CND			

 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

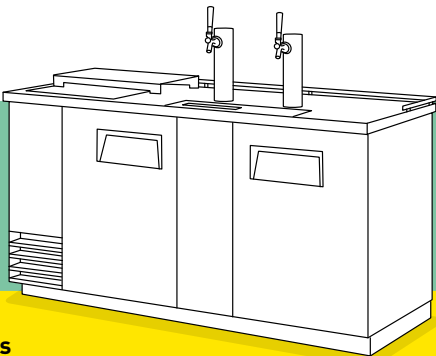
Secop variable-speed propane compressors offer energy savings of up to 40%.

BEER
DISPENSERS



Refrigerant: R290		Liters			
Compressor Series	Compressor Designation	35	70	110	150
NLV 	NLV8.0CN				
	SCE15MNX				
NL 	NLE13MNDX				
	NLE11MNDX				
	NLE10CN				
KL 	KLF8.6CND				
	KLF7.7CND				
	KLF6.6CND				
	KLF5.6CND				
	KLF4.8CND				
	KLF4.0CND				

KEG
COOLERS



Refrigerant: R290		Liters		
Compressor Series	Compressor Designation	1 Door 15	1 Door 40	2 Doors 90
KL 	KLF6.6CND			
	KLF5.6CND			
	KLF4.8CND			
	KLF4.0CND			

Motor Technology

 Fixed-Speed Drive (FSD)

 Variable-Speed Drive (VSD)



Supply Voltage

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



Natural Refrigerant Propane (R290)

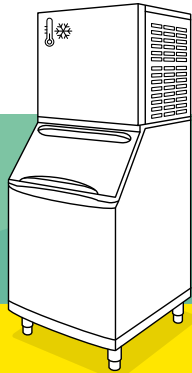
Secop propane compressors offer a very low GWP and maximum performance.



Variable-Speed Efficiency

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

ICE
MAKERS

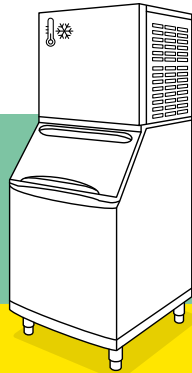


Refrigerant: R290		Kilogram per Day				
Compressor Series	Compressor Designation	60-90	90-120	120-150	150-180	180-220
S 	SCE23MNDX					
	SCE21MNDX					
	SCE18MNX					
N 	NLE15LNDX					
	NLE14LNDX					
	NLE13LNDX					
	NLE13MNDX					
	NLE11MNDX					
	NLE10CN					
KL 	KLF8.6CND					

Motor Technology

Fixed-Speed Drive (FSD)

Variable-Speed Drive (VSD)



Refrigerant: R290		Kilogram per Day				
Compressor Series	Compressor Designation	60-90	90-120	120-150	150-180	180-220
SLVE 	SLVE18CN					
	NLV15CN					
NLV 	NLV12.6CN					
	NLV10CN					



Supply Voltage

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



Natural Refrigerant Propane (R290)

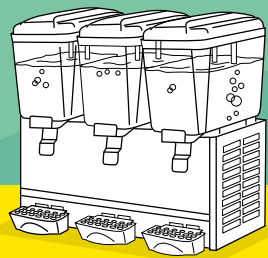
Secop propane compressors offer a very low GWP and maximum performance.



Variable-Speed Efficiency

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

BEVERAGE/JUICE DISPENSERS



Refrigerant: R290		Liters				
Compressor Series	Compressor Designation	12	24	36	48	60
 KL	KLF8.6CND					■
	KLF7.7CND				■	■
	KLF6.6CND			■	■	
	KLF5.6CND	■	■	■		
	KLF4.8CND	■	■			
	KLF4.0CND	■				

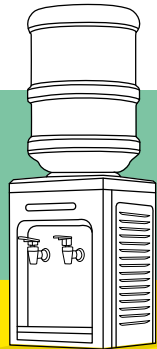


Motor Technology

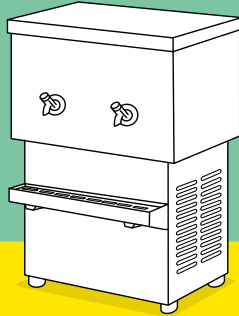
Fixed-Speed Drive (FSD)

Variable-Speed Drive (VSD)

WATER COOLERS/FOUNTAINS
PRESSURE WATER COOLERS



Refrigerant: R290		Liters		
Compressor Series	Compressor Designation	90	140	180
 KL	KLF8.6CND	■	■	■
	KLF7.7CND	■	■	■



Refrigerant: R290		Liters		
Compressor Series	Compressor Designation	25	50	75
 KL	KLF4.8CND	■	■	■
	KLF4.0CND	■	■	



Supply Voltage

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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%.

SECOPI GROUP: AROUND THE WORLD

SECOPI**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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