

R290 · 208–240V | 50/60 Hz

THE MOST POWERFUL PROPANE COMPRESSOR

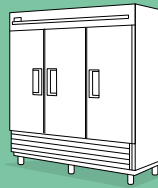
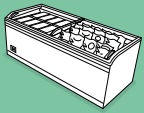
SECCP



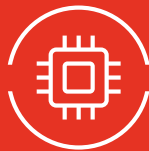
SLVE18CN



Commercial
Applications



Variable-Speed
Efficiency



Premium
Controllers



Wide Application
Range



Effective
Solutions



Sustainability

- Energy savings of up to 40% compared to a fixed speed R404A compressor
- Suitable for both LBP and MBP applications
- Achieves more than 2 kW cooling capacity and a COP of up to 2.25 (ASHRAE MBP)
- Able to operate continuously inside an evaporating temperature range from -45 to +10°C
- Intelligent variable-speed drive °CCD (Cool Capacity Drive) controller that provides a high starting torque with automatic input detection and IP54 housing
- Easy customization via Tool4Cool®

Secop's new **SLVE18CN** propane variable speed compressor – perfect cooling efficiency, tailor-made features and easy integration.

This energy-optimized 18 cc. compressor is the perfect choice for food retail, food storage, and other commercial applications.

It comes with our new °CCD controller featuring speed control through Adaptive Energy Optimization (AEO), frequency signal, or serial communication.

The SLVE18CN is the right choice if you are looking for a green solution using the environmentally-friendly refrigerant propane (R290) with a low global warming potential (GWP 3).

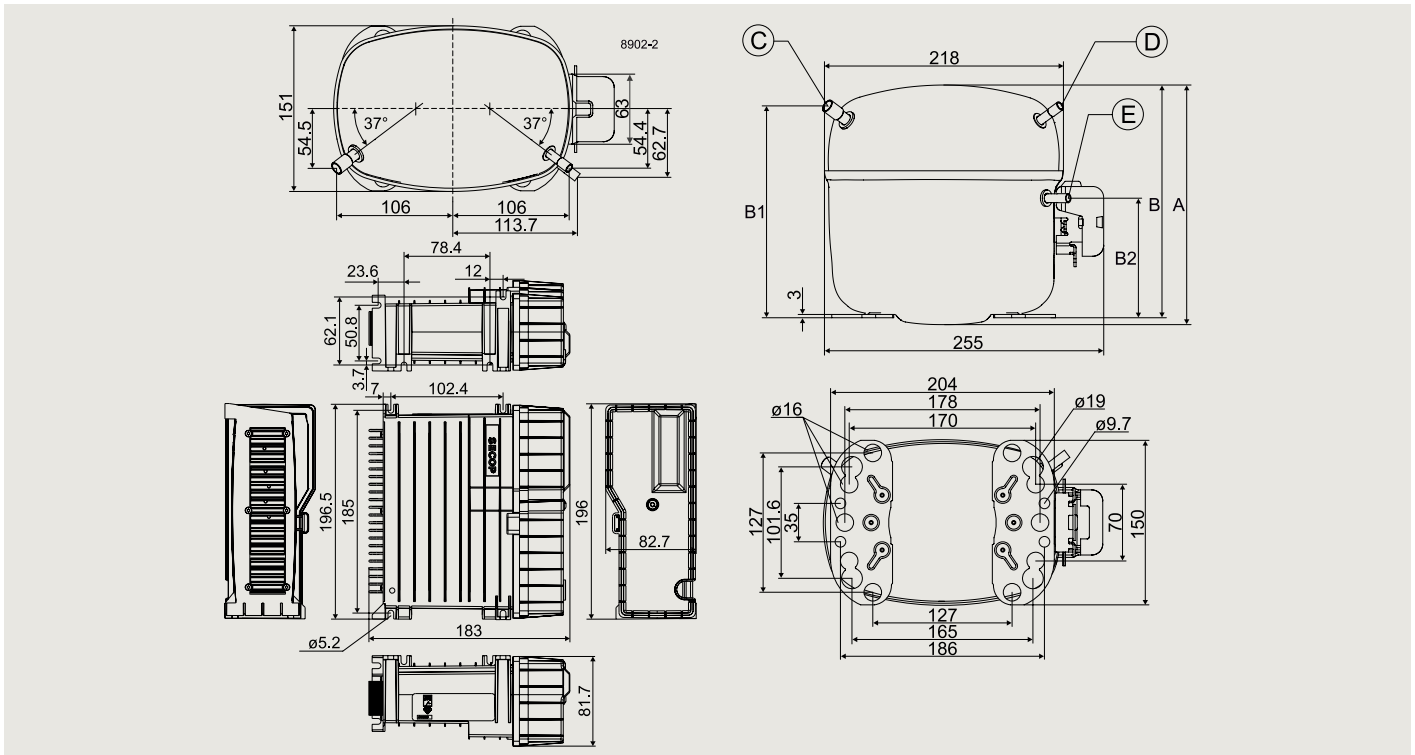
General	SLVE18CN
Compressor	104H8841
Electronic unit	105N4730 (with Power Factor Correction according to EN 61000-3-2:2014)
Approvals	EN 60335-2-34 with Annex AA, CCC, UL 60335-2-34 with Annex AA

Application	R290
Application	LBP/MBP
Evaporating temperature	°C -45 to 10
Voltage range / frequency	V/Hz 180-270 / 50/60
Speed range	rpm 2200-4500

Performance Data ASHRAE LBP [230 V, 50/60 Hz • fan cooling] @ -23.3°C evaporating temperature									
Speed	rpm	2200	2400	2600	2800	3000	3500	4000	4500
Cooling capacity	W	666	721	776	832	887	989	1091	1192
Power consumption	W	386	416	446	476	505	575	645	714
COP	W/W	1.73	1.73	1.74	1.75	1.76	1.72	1.69	1.67
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 MBP [230 V, 50/60 Hz • fan cooling] @ -6.7°C evaporating temperature									
Speed	rpm	2200	2400	2600	2800	3000	3500	4000	4500
Cooling capacity	W	1199	1298	1397	1497	1597	1780	1963	2146
Power consumption	W	542	584	626	668	710	808	906	1004
COP	W/W	2.21	2.22	2.23	2.24	2.25	2.20	2.17	2.14
Test conditions	Condensing temperature: 54.4°C Suction gas temperature: 35°C Ambient temperature: 35°C Liquid temperature: 46.1°C								

Dimensions			
Height	mm	A	219
		B / B1 / B2	213 / 193 / 110
Suction connector	location / I.D. mm angle material seal	C	10.2 37° Copper Rubber plug
Process connector	location / I.D. mm angle material seal	D	6.2 37° Copper Rubber plug
Discharge connector	location / I.D. mm angle material seal	E	6.2 37° Copper Rubber plug
Connector tolerance	I.D. mm		±0.09



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