

Compressor capacity variation for your installation

A large range of benefits:

1. Precise evaporating temperature
2. Varying the cooling load (Multi-cold room)
3. Low operating costs (-25%)

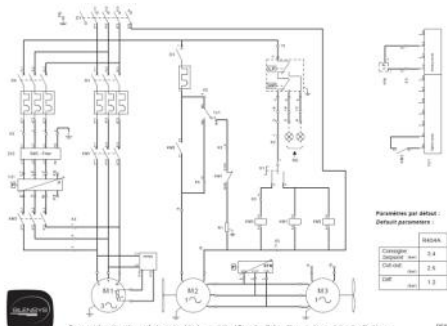


New SILAGV4546Z Inverter Driven SEPR is **3.4!**
SEPR reference (Seasonal COP: 2009/125/EC ENTR lot 1) for 5 to 20 kW range must be higher than 2.25 in 2016 and higher than 2.55 in 2018.

Optimized integration



Accessibility



Two distinct circuits



Integrated system

Available range on stock:

R-404A

Cooling capacity From 30Hz to 60Hz at -10°C evap.	Standard compresseur range	Models	BOM	Panel size
From 1,1 to 2,1 kW	AJ	SIL AJV 9513Z TZ	S991330242	S
From 1,3 to 2,4 kW	AJ	SIL AJV 4517Z TZ	S993030242	M
From 1,9 to 3,4 kW	FH	SIL FHV 4524Z TZ	S993530242	M
From 2,4 to 4,3 kW	FH	SIL FHV 4531Z TZ	S993730242	M
From 2,8 to 5,1 kW	FH	SIL FHV 4540Z TZ	S993830242	M
From 3,4 to 6,1 kW	AG	SIL AGV 4546Z TZ	S995130242	L
From 4,1 to 7,2 kW	AG	SIL AGV 4553Z TZ	S995230242	L
From 5,2 to 9,1 kW	AG	SIL AGV 4568Z TZ	S995430242	L
From 9,9 to 17,3 kW	SH	SIL SHV 4610Z YZ	S999000242	XL

* Cooling performance EN13215 at 32°C ambient, superheat 10K, sub-cooling 3K.

SILENSYS INVERTER

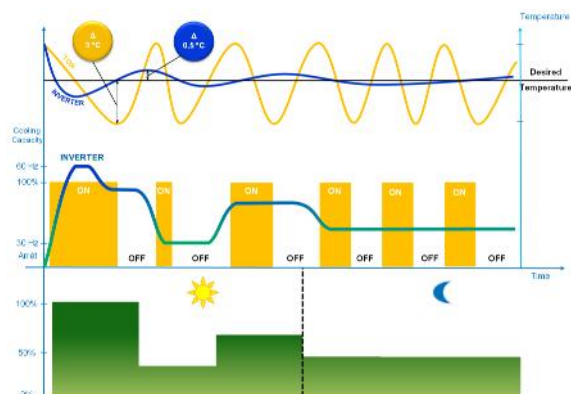
R-134a

From 0,7 to 1,4 kW	AJ	SIL AJV 4492Y TZ	S990930242	S
From 0,9 to 1,7 kW	AJ	SIL AJV 4511Y TZ	S991030242	S
From 1,3 to 2,5 kW	FH	SIL FHV 4518Y TZ	S993430242	M
From 1,8 to 3,3 kW	FH	SIL FHV 4525Y TZ	S993630242	M
From 2,3 to 4,2 kW	AG	SIL AGV 4534Y TZ	S994830242	L
From 3 to 5,6 kW	AG	SIL AGV 4543Y TZ	S995030242	L

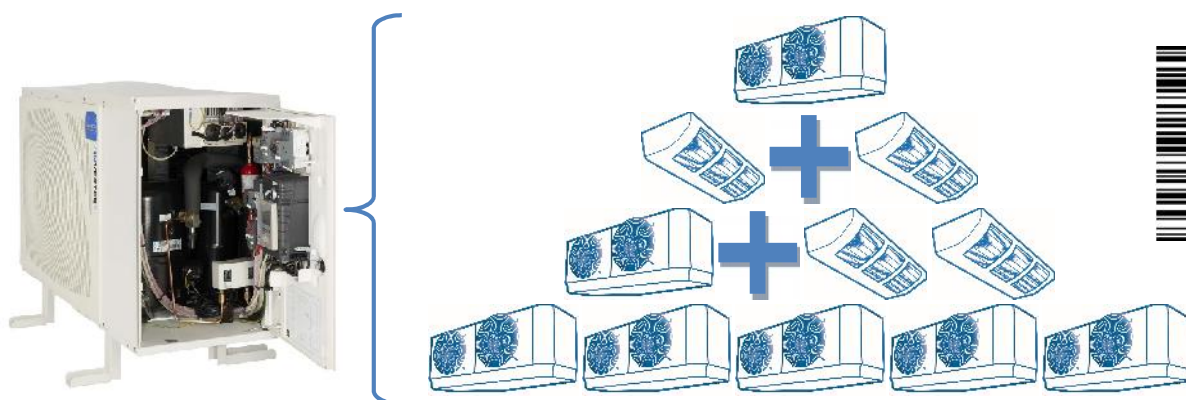
* Cooling performance EN13215 at 32°C ambient, superheat 10K, sub-cooling 3K.

Key points:

1. Standard compressor already available from your wholesalers
2. Dedicated commercial refrigeration software inside each inverter
3. Security : two electrical circuits to have a pressostatics full power modulation



Silensys INVERTER offers multiple choices:



The minimum system load should equal the Silensys inverter capacity at minimum frequency in order to not lower the evaporating pressure and to ensure the energy saving (follow the quick selection tool).