Single
Packs

Single Pack NLVE13CN 115-127V 50/60Hz

Single pack code number: **195B4831**

Position	Title	Code	Amount
1	Compressor NLVE13CN	105H7374	1
2	Electronic unit NLVE	105N4101	1
3	Cover	103N2008	1
4	Bolt joint for one compressor | M6 | ø16mm	118-1917	1

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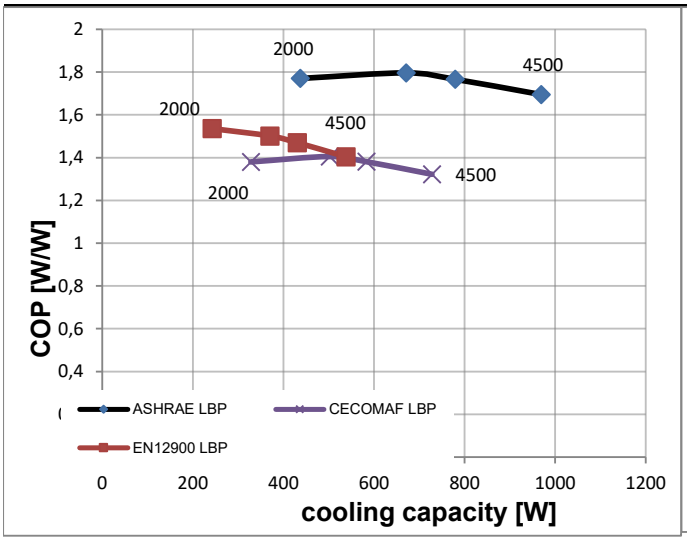
Model

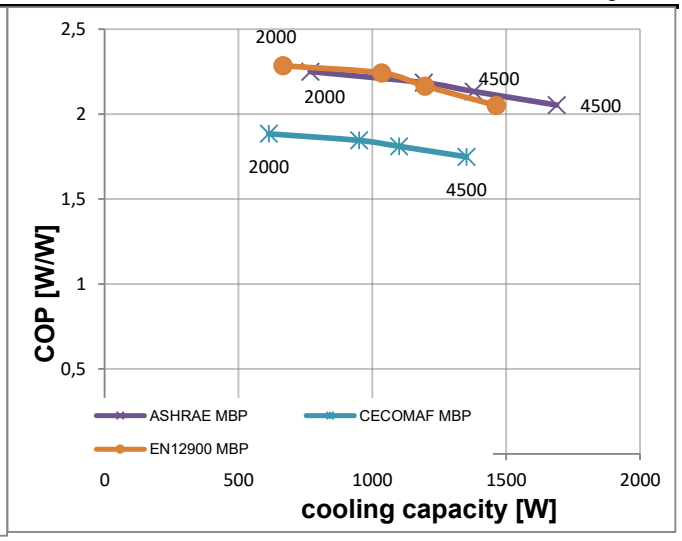
Designation	NLVE13CN	115–127V,50/60Hz	Conf. 1	Sales code:	105H7374
Controller	**NLV Core Function 115V**				**105N4100**

Optimization + standard conditions R290, 115V, 60Hz, Rpm_N 4500, Fan cooling 3m/s

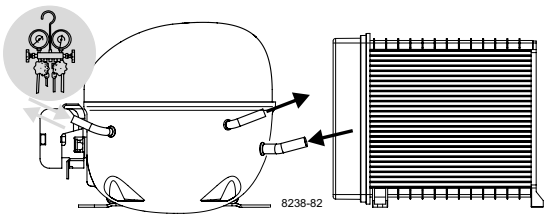
	Evaporating pressure (saturation temperature) pe	Condensing pressure (saturation temperature) pc	Return gas temp. RGT	Liquid temp. Tliq	Cooling capacity [W]	[Btu/h]	[kcal/h]	COP [W/W]	EER [Btu/Wh]	[kcal/Wh]	Power consumption P1 [W]	Current consumption I [A]	Ref. mass flow ṁ [kg/h]	
[°C]	-23	54	32	32	969,5	3311	834,4	1,69	5,79	1,46	572,1	7,86	9,82	**ASHRAE LBP**
[°F]	-10	130	90	90										
[°C]	-25	55	32	55	728,0	2486	626,5	1,32	4,52	1,14	550,6	7,59	9,06	**CECOMAF LBP**
[°F]	-13	131	90	131										
[°C]	-35	40	20	40	538,0	1837	463,0	1,40	4,80	1,21	383,1	5,44	6,15	**EN12900 LBP**
[°F]	-31	104	68	104										
[°C]	-7	54	35	46	1688,6	5767	1453,2	2,05	7,01	1,77	822,3	11,08	19,26	**ASHRAE MBP**
[°F]	20	130	95	115										
[°C]	-10	55	32	55	1351,2	4615	1162,9	1,75	5,97	1,50	772,7	10,44	17,09	**CECOMAF MBP**
[°F]	14	131	90	131										
[°C]	-10	45	20	45	1462,3	4994	1258,5	2,05	7,01	1,77	712,9	9,67	17,95	**EN12900 MBP**
[°F]	14	113	68	113										

Standard conditions with different RPM R290, 115V, 60Hz, Fan cooling 3m/s





Test conditions:	pe [°C]	pc [°C]	Tliq [°C]	Tsuc [°C]		pe [°C]	pc [°C]	Tliq [°C]	Tsuc [°C]
ASHRAE LBP	-23	54,44	32,22	32,22	ASHRAE MBP	-6,66	54,44	46,11	35
CECOMAF LBP	-25	55	55	32	CECOMAF MBP	-10	55	55	32
EN12900 LBP	-35	40	40	20	EN12900 MBP	-10	45	45	20

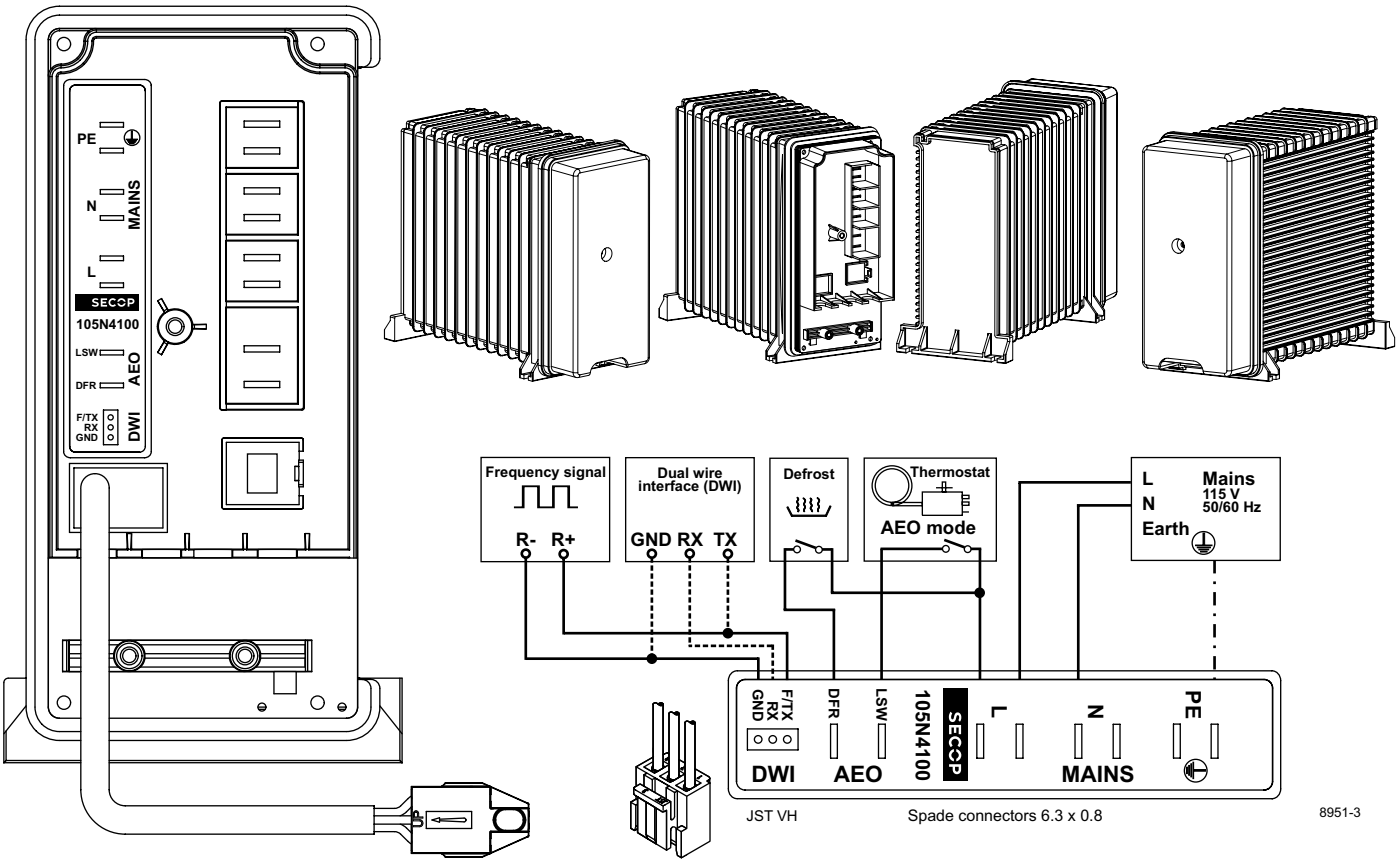


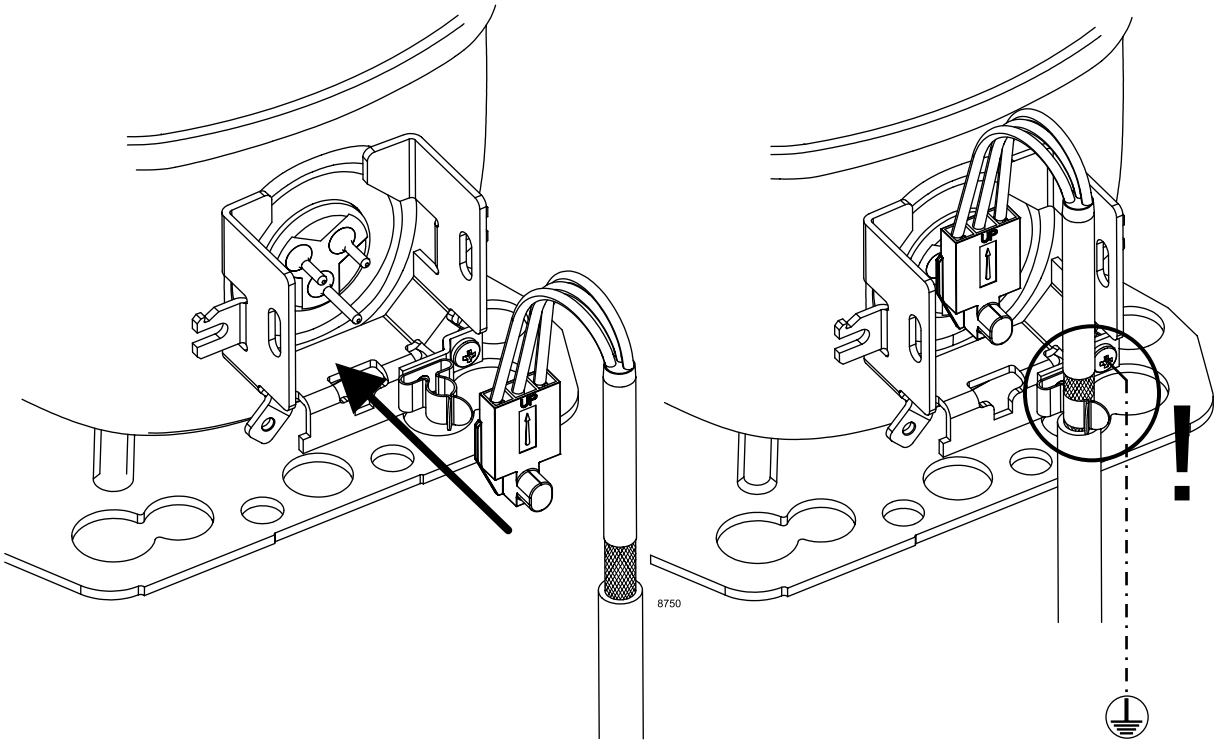
Instructions

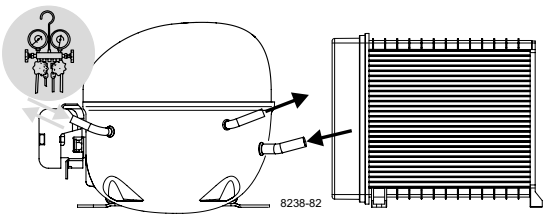
NLVE Compressors
115-127 V, 50/60 Hz
105N4100 Controllers

SECOP

Keep electrical equipment clear from oil, chemicals, and water







Instructions

NLVE Compressors
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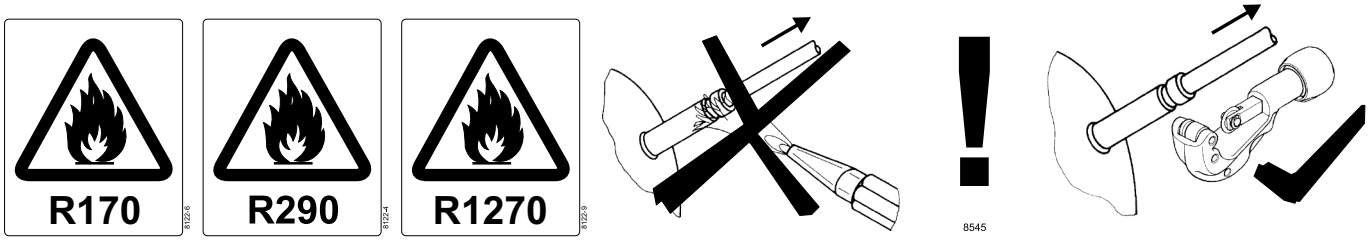
SECOP

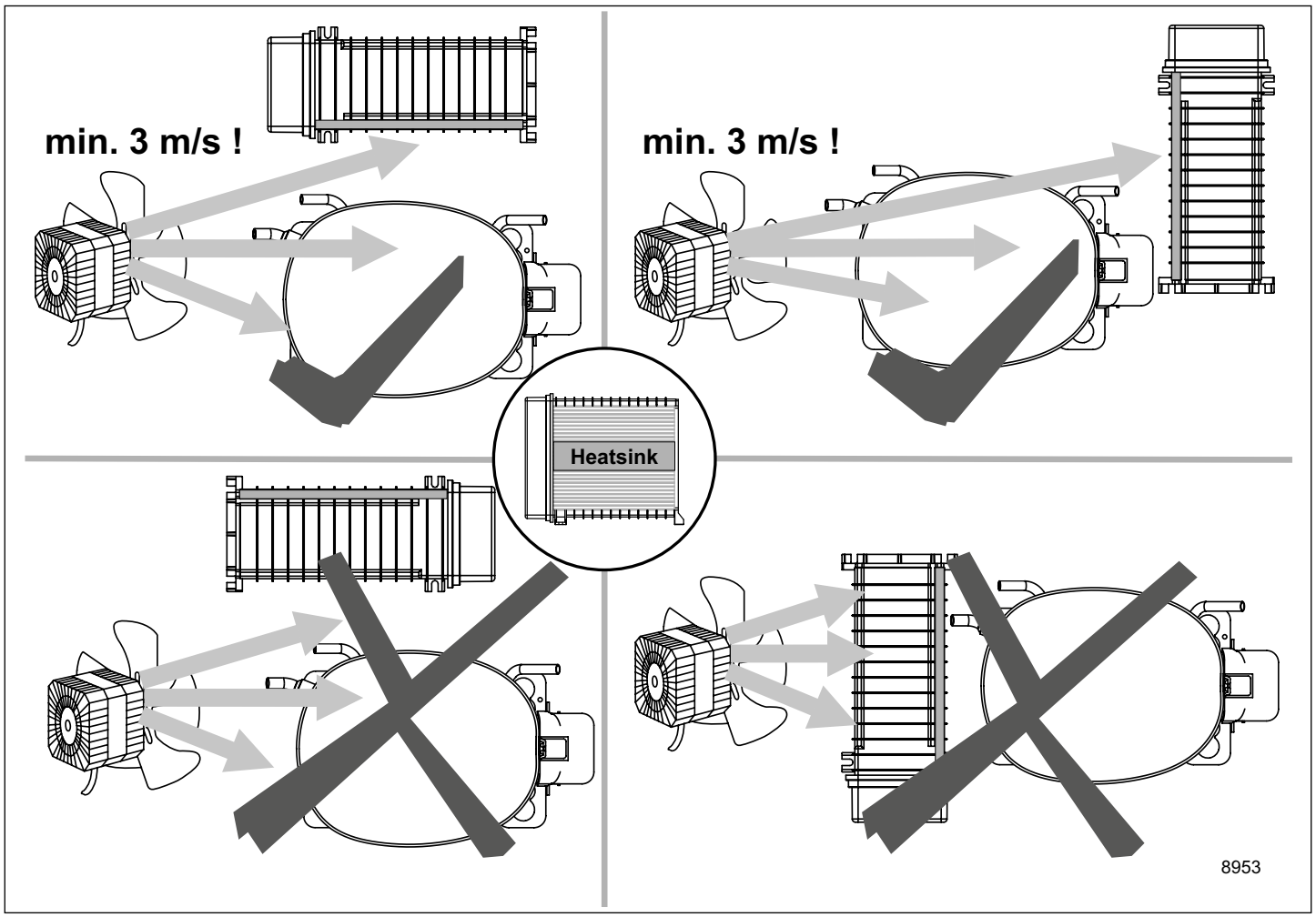
Keep electrical equipment clear from oil, chemicals, and water

Service/Repair – R170, R290, R1270

(applies to all flammable refrigerants)



Ensure Proper Airflow of 3 m/s at Both Compressor and Electronic Unit (Heatsink)



Airflow	3 m/s
Operating conditions	+ 5 °C to 43 °C - humidity < 90 % rH non condensing
Storage conditions	-25 °C to 70 °C - humidity < 90 % rH non condensing
Supply voltage	115-127 V (± 10 %)
Frequency	50/60 Hz
Input power, max.	1000 W

Dismantling, recycling, disposal: At the end of a compressor's lifecycle, proceed by separating and storing components according to their environmental impact. Parts that may cause pollution must be clearly identified and handled separately, ensuring appropriate disposal. Refrigerant gas must not be released into the environment and should be recovered by qualified operators. Compressor oil must also be collected separately. The compressor should be disposed of at specialized disposal centers in accordance with the applicable regulations. **Subject to modifications/alterations. www.secop.com**