

Single Pack NLE13MNDX 220-240V 50Hz CSCR

Single pack code number: **195B4833**

Position	Title	Code	Amount
1	Compressor NLE13MNDX	105H7302	1
2	Start equipment NLE	117U8201	1
3	Starting capacitor (80µF 260V)	117U5353	1
4	Run Capacitor (10µF 450V, 6.3mm)	117-7166	1
5	Run capacitor bracket	117-0314	1
6	Cover NLE	117U1038	1
7	Cord relief	103N1007	1
8	Screw for bracket M4x8mm	117-0301	1
9	Bolt joint for one compressor M6 ø16mm	118-1917	1

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Model

Designation **NLE13MNDX** **220-240V/50Hz** Conf. 1 Sales code: **105H7302**

Optimization + standard conditions

R290, 220V/50Hz, CSCR, fan 3m/s, VDE

Evaporating pressure (saturation temperature)					Condensing pressure (saturation temperature)						Power consumption			
Return gas temp.					Liquid temp.						Current consumption			
Cooling capacity					COP		EER		Ref. mass flow					
pe	pc	RGT	Tliq	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	P1	I	m		
[°C]										[W]	[A]	[kg/h]		
-7	54	35	46	1136,7	3882	978,2	2,09	7,14	1,80	544,0	2,55	12,97	ASHRAE MBP	
20	130	95	115											
[°C]														
[°F]														
-10	55	32	55	906,1	3095	779,8	1,75	5,99	1,51	516,3	2,43	11,46	cecomaf MBP	
14	131	90	131											
[°C]														
[°F]														
-10	45	20	45	1015,3	3468	873,8	2,19	7,49	1,89	463,2	2,19	12,47	EN12900 MBP	
14	113	68	113											
[°C]														
[°F]														
-7	49	18	49	1072,0	3661	922,6	2,11	7,21	1,82	507,8	2,39	13,92	ARI540 MBP	
20	120	65	120											
[°C]														
[°F]														
-10	45	32	45	1057,0	3610	909,7	2,28	7,79	1,96	463,2	2,19	12,09	opt	
14	113	90	113											
[°C]														
[°F]														
-25	45	32	45	569,7	1946	490,3	1,60	5,48	1,38	355,1	1,73	6,43	opt	
-13	113	90	113											
[°C]														
[°F]														

Performance tables

R290, 220V/50Hz, CSCR, fan 3m/s, VDE

	pe		Cooling capacity			COP	EER		P1	I	m
	[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	[W]	[A]	[kg/h]
[°C / °F]	-25	-13	569,7	1946	490,3	1,60	5,48	1,38	355,1	1,73	6,43
cond. pressure	-20	-4	710,1	2425	611,2	1,82	6,20	1,56	391,0	1,88	8,04
pc= 45/113	-15	5	872,2	2979	750,6	2,04	6,96	1,75	427,7	2,03	9,92
return gas temp.	-10	14	1057,0	3610	909,7	2,28	7,79	1,96	463,2	2,19	12,09
RGT= 32/90	-5	23	1265,9	4323	1089,5	2,56	8,73	2,20	495,3	2,33	14,58
liquid temp	0	32	1500,1	5123	1291,0	2,87	9,81	2,47	522,0	2,45	17,40
Tliq= 45/113	7,2	45	1884,3	6435	1621,6	3,45	11,77	2,97	546,8	2,56	22,14
[°C / °F]	-25	-13	484,2	1654	416,7	1,30	4,44	1,12	372,2	1,80	6,03
cond. pressure	-20	-4	605,4	2067	521,0	1,44	4,93	1,24	419,0	2,00	7,57
pc= 55/131	-15	5	745,6	2546	641,7	1,59	5,44	1,37	467,7	2,21	9,37
return gas temp	-10	14	906,1	3095	779,8	1,75	5,99	1,51	516,3	2,43	11,46
RGT= 32/90	-5	23	1088,2	3716	936,5	1,93	6,60	1,66	562,8	2,63	13,86
liquid temp	0	32	1293,0	4416	1112,7	2,14	7,30	1,84	604,9	2,82	16,61
Tliq= 55/131	7,2	45	1630,3	5568	1403,1	2,49	8,51	2,15	653,9	3,05	21,24



NLE Plus Compressors

SECCP

Keep electrical equipment clear from oil, chemicals, and water



When operated with a flammable refrigerant, only spark-proof starting equipment is allowed.

CSCR





NLE Plus Compressors

SECCP

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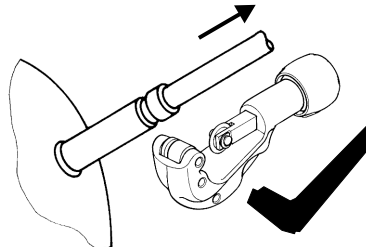


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Service/Repair – R290, R600a, R170, R1270, R1234yf (applies to all flammable refrigerants)



8545



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.seccp.com**