



Single Pack NLE14LNDX 220-240V 50Hz CSCR

195B4835

Position	Title	Code	Amount
1	1	10 7 02	1
2		117 201	1
	0 2 0	117	1
	R 10 0	117 71	1
	R	117 0 1	1
		117 10	1

Model

Designation **NLE14LNDX** **220-240V/50Hz** Conf. 1 Sales code: **105H7402**

Optimization + standard conditions

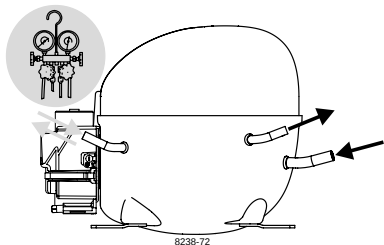
R290, 220V/50Hz, CSCR, fan 3m/s, VDE

Evaporating pressure (saturation temperature)														
Condensing pressure (saturation temperature)														
Return gas temp.														
Liquid temp.														
Cooling capacity														
COP														
EER														
Power consumption														
Current consumption														
Ref. mass flow														
	pe	pc	RGT	Tliq	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	P1	I		
											[W]	[A]	[kg/h]	
[°C]	-23	54	32	32	713,5	2437	614,0	1,68	5,73	1,44	425,1	2,03	7,23	ASHRAE LBP
[°F]	-10	130	90	90										
[°C]	-25	55	32	55	537,4	1835	462,5	1,31	4,47	1,13	410,6	1,97	6,69	cecomaf LBP
[°F]	-13	131	90	131										
[°C]	-35	40	20	40	401,1	1370	345,2	1,35	4,61	1,16	297,2	1,51	4,58	EN12900 LBP
[°F]	-31	104	68	104										
[°C]	-23	49	4,4	49	573,5	1959	493,5	1,40	4,78	1,20	409,7	1,96	7,94	ARI540 LBP
[°F]	-10	120	40	120										
[°C]	-23	41	32	32	752,0	2568	647,2	1,96	6,68	1,68	384,6	1,85	7,61	AHAM LBP
[°F]	-10	105	90	90										
[°C]	-35	45	32	45	385,6	1317	331,8	1,26	4,31	1,09	305,4	1,54	4,32	opt
[°F]	-31	113	90	113										

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]	-40	-40	293,1	1001	252,3	1,10	3,75	0,94	267,2	1,41	3,28
cond. pressure	-35	-31	385,6	1317	331,8	1,26	4,31	1,09	305,4	1,54	4,32
pc= 45/113	-30	-22	493,5	1685	424,7	1,43	4,89	1,23	344,9	1,69	5,55
return gas temp.	-25	-13	618,6	2113	532,4	1,61	5,49	1,38	385,0	1,85	6,98
RGT= 32/90	-20	-4	762,7	2605	656,4	1,80	6,13	1,54	424,9	2,03	8,64
liquid temp	-15	5	927,5	3168	798,2	2,00	6,83	1,72	463,7	2,21	10,55
Tliq= 45/113	-5	23	1326,2	4529	1141,4	2,48	8,46	2,13	535,4	2,54	15,27
[°C / °F]	-40	-40	241,7	825	208,0	0,87	2,97	0,75	277,6	1,44	2,98
cond. pressure	-35	-31	327,0	1117	281,4	1,02	3,50	0,88	319,3	1,59	4,04
pc= 55/131	-30	-22	425,0	1451	365,7	1,17	3,99	1,01	363,9	1,77	5,27
return gas temp	-25	-13	537,4	1835	462,5	1,31	4,47	1,13	410,6	1,97	6,69
RGT= 32/90	-20	-4	666,0	2274	573,1	1,45	4,96	1,25	458,7	2,19	8,33
liquid temp	-15	5	812,5	2775	699,2	1,60	5,47	1,38	507,5	2,41	10,22
Tliq= 55/131	-5	23	1166,3	3983	1003,8	1,93	6,60	1,66	603,6	2,85	14,86



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

