

# NL7CNK

## LBP/MBP Condensing Unit

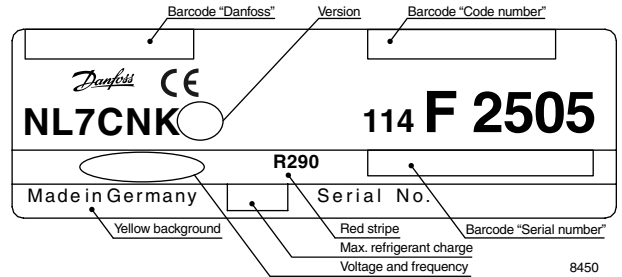
### R290 (Propane)

### 220-240V 50Hz

Data Sheet (Replaces CD.33.B1.02)

#### General

<b>Condensing unit</b>		<b>NL7CNK</b>
Version	Size	Code number
<b>N0</b> - for capillary tube	<b>BG2</b>	114F2505



#### Application

Application		LBP/MBP
Evaporating temperature range at 32°C °C		-40 to 5
	at 43°C °C	-40 to -15
Voltage range	V/Hz	198 - 254 /50
Maximum refrigerant charge R290	g	150

#### Flammable Refrigerant:

Unit must only be installed and serviced by authorized personnel (see instructions "Fan-cooled Condensing Units 220-240V for R290", CI.34.C).

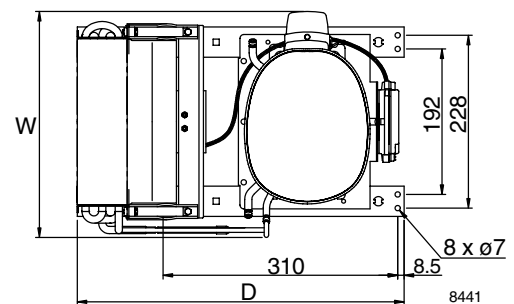
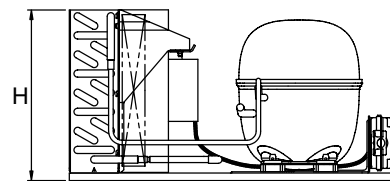


#### Packing data

Net weight	kg	18
Gross weight	kg	19
Package height	mm	245
Package width	mm	400
Package depth	mm	530

#### Dimensions

Height (H)	mm	225
Width (W)	mm	298
Depth (D)	mm	432
Distance (a)	mm	310
Suction connecton	I.D. mm	8.2
Liquid connection	I.D. mm	6.5
Process connecton	I.D. mm	6.2



drawing shows **N0** version

### Capacity (EN 13215/CECOMAF)

watt

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
NL7CNK -BG2		141	188	243	305	327	373	449	531	619	712	808		

### Power consumption

watt

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
NL7CNK -BG2		178	201	223	246	254	270	296	325	357	394	436		

### Current consumption

A

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
NL7CNK -BG2		1.63	1.65	1.68	1.73	1.75	1.80	1.89	1.99	2.13	2.28	2.46		

### Capacity (DIN 8971)

watt

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
NL7CNK -BG2		136	182	235	294	316	361	434	513	597	686	779		

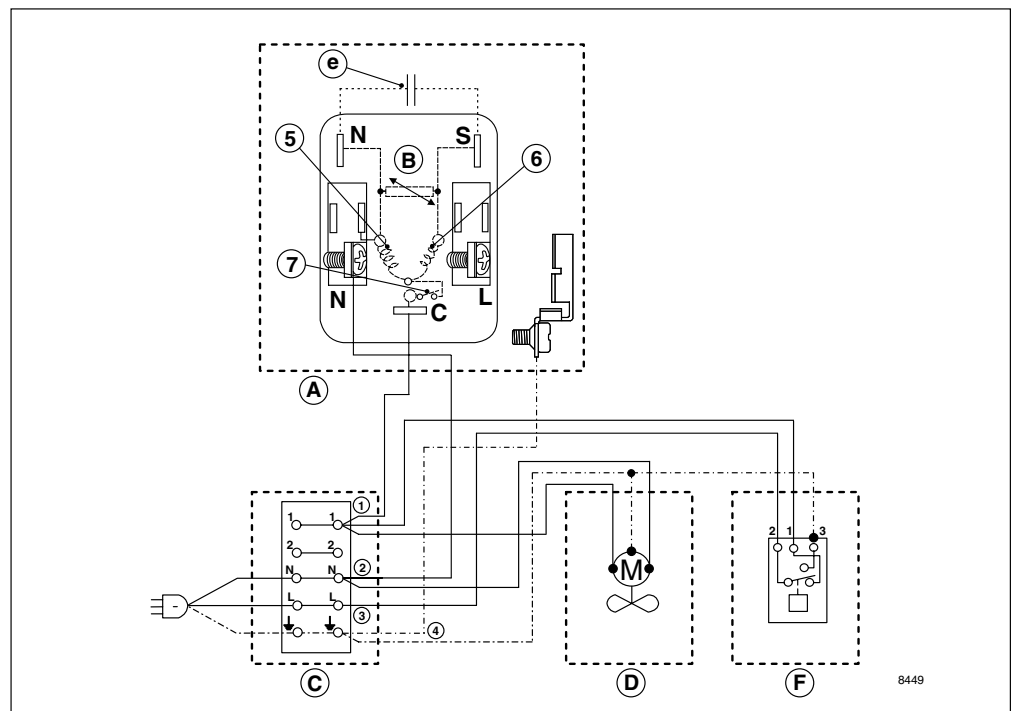
Test conditions (220V 50Hz)      EN 13215/CECOMAF      DIN 8971  
 Ambient temperature            32°C                                      32°C  
 Suction gas temperature       32°C                                      25°C  
 Temperature of refrigerant at condenser outlet is subcooled within the condensing limits of the unit.  
 1 Watt = 0.86 kcal/h, 1 Watt = 3.41 Btu/h

### Spareparts

Devices	114F2505
Size	BG2
Condenser	118U0101
Fancowl	118U0402
Fanblade	117-3814 (Ø 200 mm)
Fanmotor	118U0200 (5W)

### Wiring diagram

Fig.	Devices
A	Compressor
B	Electrical equipment (PTC)
C	Connection box
D	Fan motor
F	Thermostat
e	Run capacitor (optional)
1	Black wire
2	Blue wire
3	Brown wire
4	Green-yellow wire
5	Main Winding
6	Start Winding
7	Winding Protector



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