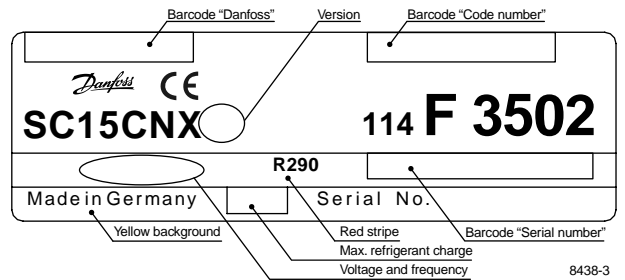


# SC15CNX LBP/MBP Condensing Unit R290 (Propane) 220-240V 50Hz

## Data Sheet

### General

Condensing unit		SC15CNX
Version	Size	Code number
<b>N0</b> - for capillary tube	<b>BG3</b>	114F3502
<b>N0</b> - for capillary tube	<b>BG4</b>	114F4502



### Application

Application	LBP/MBP
Evaporating temperature range at 32°C °C	<b>BG3:</b> -40 to -5 <b>BG4:</b> -40 to 5
at 43°C °C	<b>BG3:</b> -40 to -20 <b>BG4:</b> -40 to -10
Voltage range V/Hz	198 - 254 /50
Maximum refrigerant charge R290 g	150

### Flammable Refrigerant:

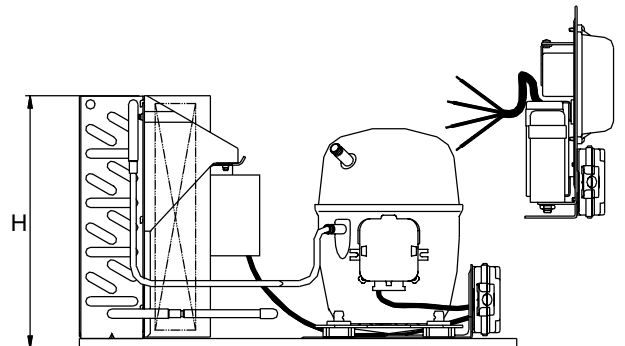
Unit must only be installed and serviced by authorized personnel (see instructions "Fan-cooled Condensing Units 220-240V for R290", CI.34.C).



Yellow warning label

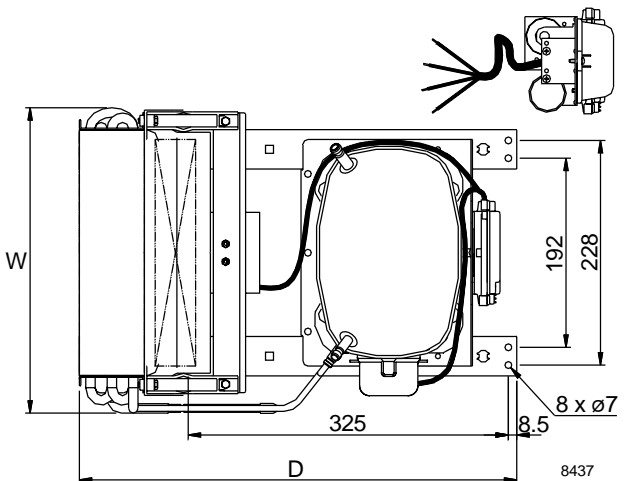
### Packing data

		114F3502	114F4502
Net weight	kg	18.8	20.6
Gross weight	kg	20.8	22.6
Package height	mm	275	320
Package width	mm	400	400
Package depth	mm	530	590



### Dimensions

		114F3502	114F4502
Height (H)	mm	256	296
Width (W)	mm	310	330
Depth (D)	mm	444	451
Distance (a)	mm	325	325
Suction connecton	I.D. mm	8.2	8.2
Liquid connection	I.D. mm	6.5	6.5
Process connecton	I.D. mm	6.2	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
SC15CNX -BG3		252	340	440	554	595	680	818	968	1127				
SC15CNX -BG4		266	358	465	586	630	722	874	1040	1221	1415	1621		

### Power consumption

watt

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
SC15CNX -BG3		314	360	407	456	473	508	567	634	712				
SC15CNX -BG4		337	381	425	471	487	519	572	632	701	780	871		

### Current consumption

A

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
SC15CNX -BG3		1.63	1.84	2.08	2.33	2.42	2.61	2.91	3.24	3.61				
SC15CNX -BG4		1.78	1.99	2.21	2.45	2.53	2.71	2.99	3.29	3.63	4.00	4.40		

### Capacity (DIN 8971)

watt

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
SC15CNX -BG3		244	329	426	535	575	657	790	934	1087				
SC15CNX -BG4		257	347	450	566	609	698	844	1004	1177	1363	1559		

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	114F3502	114F4502
Size	BG3	BG4
Condenser	118U0102	118U0103
Fancowl	118U0403	118U0404
Fanblade	118U0600 (Ø 230 mm)	118U0601 (Ø 254 mm)
Fanmotor	118U0201 (11W)	118U0202 (16W)

### Wiring diagram

Fig.	Devices
A	Compressor
B	Danfoss electrical equipment
C	Extra connection box
D	Fan motor
E	Pressure switch
F	Thermostat
1	Black wire
2	Blue wire
3	Brown wire
4	Green-yellow wire
5	Main Winding
6	Start Winding
7	Winding Protector

