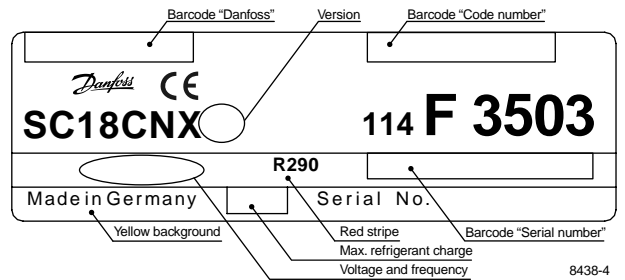


SC18CNX LBP/MBP Condensing Unit R290 (Propane) 220-240V 50Hz

Data Sheet

General

Condensing unit		SC18CNX
Version	Size	Code number
N0 - for capillary tube	BG3	114F3503
N0 - for capillary tube	BG4	114F4503



Application

Application	LBP/MBP
Evaporating temperature range at 32°C °C	BG3: -40 to -10
	BG4: -40 to 0
at 43°C °C	BG3: -40 to -25
	BG4: -40 to -20
Voltage range V/Hz	198 - 254 /50
Maximum refrigerant charge R290 g	150

Flammable Refrigerant:

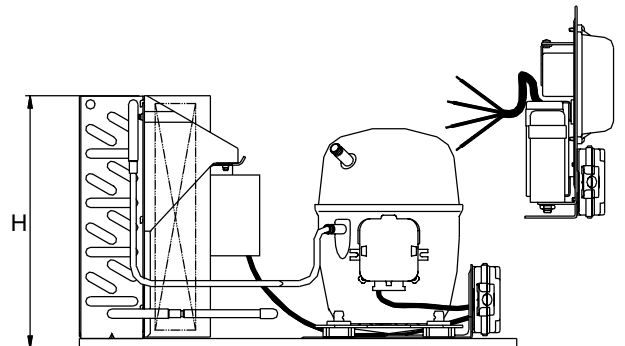
Unit must only be installed and serviced by authorized personnel (see instructions "Fan-cooled Condensing Units 220-240V for R290", CI.34.C).



Yellow warning label

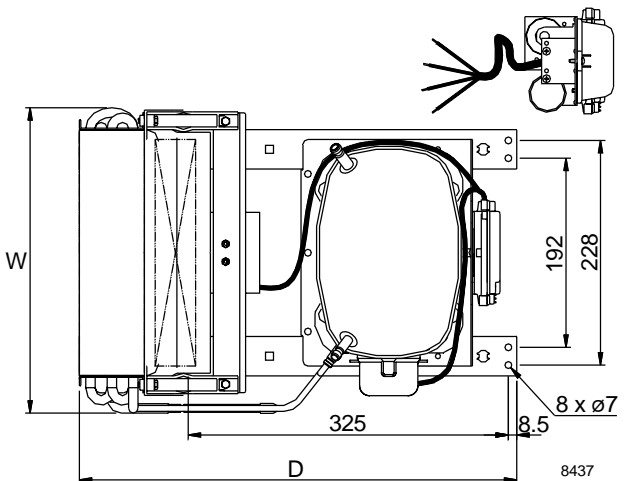
Packing data

		114F3503	114F4503
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

		114F3503	114F4503
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	10.2	10.2
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
SC18CNX -BG3		271	374	491	621	669	766	924	1096					
SC18CNX -BG4		287	395	519	658	710	814	986	1173	1376	1594			

Power consumption

watt

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
SC18CNX -BG3		356	412	471	537	561	612	698	799					
SC18CNX -BG4		380	434	492	554	576	623	701	790	893	1014			

Current consumption

A

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
SC18CNX -BG3		2.12	2.35	2.59	2.86	2.95	3.14	3.46	3.80					
SC18CNX -BG4		2.27	2.50	2.73	2.98	3.07	3.24	3.53	3.84	4.19	4.56			

Capacity (DIN 8971)

watt

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
SC18CNX -BG3		262	362	474	600	646	739	891	1055					
SC18CNX -BG4		278	383	502	636	685	786	951	1131	1325	1532			

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	114F3503	114F4503
Size	BG3	BG4
Condenser	118U0102	118U0103
Fancoil	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

