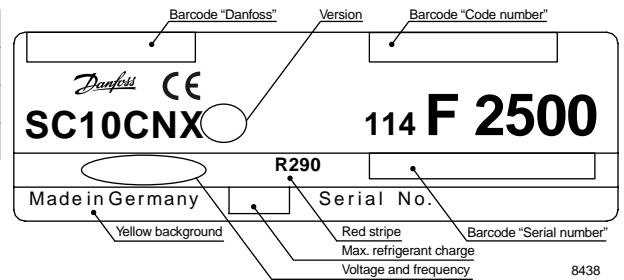


SC10CNX LBP/MBP Condensing Unit R290 (Propane) 220-240V 50Hz

Data Sheet (Replaces CD.34.A2.02)

General

Condensing unit		SC10CNX
Version	Size	Code number
N0 - for capillary tube	BG2	114F2500
N0 - for capillary tube	BG3	114F3500



Application

Application	LBP/MBP
Evaporating temperature range at 32°C °C	BG2: -40 to 0 BG3: -40 to 5
at 43°C °C	BG2: -40 to -20 BG3: -40 to -10
Voltage range V/Hz	198 - 254 /50
Maximum refrigerant charge R290 g	150

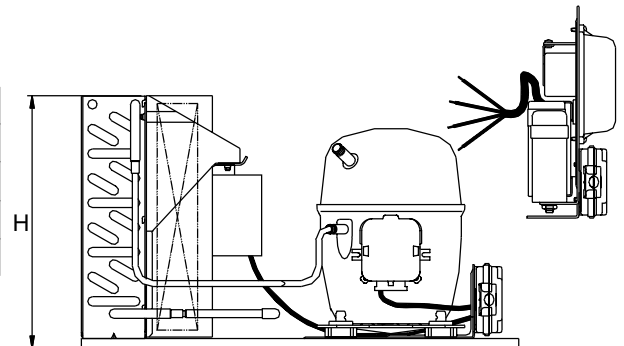
Flammable Refrigerant:

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



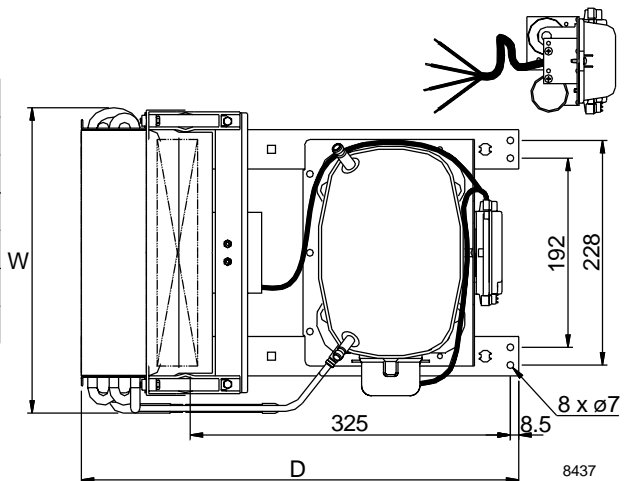
Packing data

		114F2500	114F3500
Net weight	kg	17.8	18.8
Gross weight	kg	19.8	20.8
Package height	mm	245	275
Package width	mm	400	400
Package depth	mm	530	530



Dimensions

		114F2500	114F3500
Height (H)	mm	225	257
Width (W)	mm	285	310
Depth (D)	mm	432	444
Distance (a)	mm	310	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
SC10CNX -BG2		153	204	263	333	358	411	499	596	701	814			
SC10CNX -BG3		162	217	282	358	386	445	545	656	778	913	1058		

Power consumption

watt

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
SC10CNX -BG2		210	240	270	301	312	333	366	400	434	469			
SC10CNX -BG3		222	251	280	309	319	339	369	399	429	460	491		

Current consumption

A

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
SC10CNX -BG2		1.33	1.42	1.52	1.63	1.67	1.75	1.88	2.03	2.19	2.37			
SC10CNX -BG3		1.39	1.48	1.57	1.67	1.70	1.78	1.90	2.03	2.18	2.33	2.50		

Capacity (DIN 8971)

watt

Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	0	5	10	15
SC10CNX -BG2		148	197	255	322	346	398	482	575	676	784			
SC10CNX -BG3		157	210	272	346	373	430	526	632	750	879	1018		

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	114F2500	114F3500
Size	BG2	BG3
Condenser	118U0101	118U0102
Fancoil	118U0402	118U0403
Fanblade	117-3814 (Ø 200 mm)	118U0600 (Ø 230 mm)
Fanmotor	118U0200 (5W)	118U0201(11W)

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

