



IMMAGINE INDICATIVA PRODOTTO

Needed Data for selection

Refrigerant	R744
Cold Room Temp.	3 °C
Requested capacity	1500 W
ΔT	7 K

Search results

Speed	1300 rpm
Total capacity	1750 W
Calculated ΔT	6 K
Tolerance	16.7 %

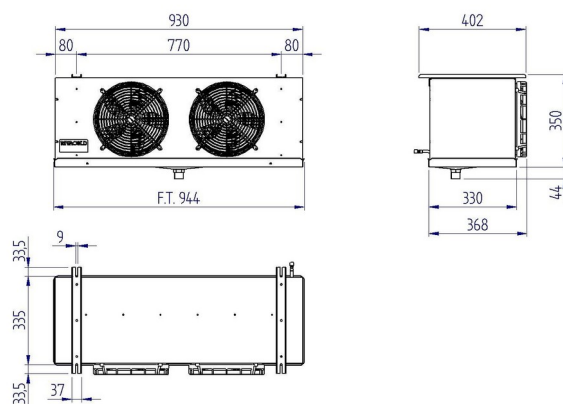
Product file

Code	RCXB22504ED
Range	RCX
Model	Cubic
Application	MBP
PED	0
Rows number	4
Total surface	7.52 m ²
Defrosting (Watt)	1350 W
Net weight	20.7 kg
Inlet connection	10 mm
Outlet connection	10 mm
Drain connection	1" Gas (33mm)
Fin spacing	5.3
Circuit volume	1.29 dm ³

Fan-motor

Type	Rotore esterno "ec"
Fan-motors no.	2
Diameter	254 mm
Power supply	230/1/50-60
Low speed	1200 rpm
High speed	1300 rpm
Power consumption	88 W
Current consumption	0.38 A
Air flow	1566.3 m ³ /h
Air throw	7.5 m

Technical data - RCXB22504ED



Refrigerating capacity table (W) - RCXB22504ED
High speed - RCXB22504ED

ΔT \ Cold room Temp	-40 °C	-35 °C	-30 °C	-25 °C	-20 °C	-15 °C	-10 °C	-5 °C	0 °C	2 °C	4 °C	6 °C	8 °C	10 °C	12 °C	15 °C
5 K	834 ⁽¹⁾	861 ⁽¹⁾	888	915	981	1047	1113	1179	1225	1270	1316	1361	1398	1435	1482	1528
6 K	1015 ⁽¹⁾	1059 ⁽¹⁾	1104	1148	1216	1284	1351	1419	1464	1509	1554	1599	1627	1655	1706	1756
7 K	1187 ⁽¹⁾	1246 ⁽¹⁾	1306	1365	1434	1503	1571	1640	1684	1728	1772	1816	1840	1863	1918	1972
8 K	1337 ⁽¹⁾	1410 ⁽¹⁾	1483	1556	1631	1705	1780	1854	1901	1948	1995	2042	2063	2083	2142	2200
9 K	1470 ⁽¹⁾	1556 ⁽¹⁾	1643	1729	1812	1896	1979	2062	2114	2166	2218	2270	2286	2302	2364	2425
10 K	1610 ⁽¹⁾	1706 ⁽¹⁾	1802	1898	1988	2079	2169	2259	2317	2374	2432	2489	2535	2580	2605	2630

(1) Application outside the recommended range

Values referred to :

Gas R744



IMMAGINE INDICATIVA PRODOTTO

General features

- RCX range unit coolers have been designed to be installed inside cold rooms suited for fresh and frozen goods storage.
- Their shape, being extremely compact, allows the installation also in cold rooms having very small dimensions.
- The ED version is supplied with mounted defrosting heaters and is suitable for being used at low temperature applications.
- The RCX range is supplied as standard with EC fan motors (Identified by the letter "B") and blade with special profile for combine higher efficiency and low absorption.
- The fan motors operate in the suction mode and prevent the condensate forming on the fan
- The heat exchangers of all the range have been designed for operating at a working pressure PS up to 75 bar: this value gives a big advantage in cases of the plant stop (it reduces possible needs of CO2 discharge) and also it enable the possible use of the same model for both low temperature coldrooms (-40°C) up to high temperature applications, close to the air conditioning limits (+15°C)

COIL

- The coil is made of aluminium fins (fin spacing 5,3mm) and 5/16" increased thickness and 25x21,65 geometry. It is tested with nitrogen at a pressure of 75 bar.
- The coils are tested with nitrogen at a pressure of 75 bar.

FAN MOTORS

- The fan motor models in use have the following features:
- EC fan motor
- Manufactured following EN 60335-1 laws, with internal thermal protection
- fan diameter 250 mm, 28° inclination with special profile: power supply 230V/1/50-60Hz, IP55 protection rate, B insulation class, operating temperature from -40°C to +50°C
- electrics made in conformity with 2006/95/CE low tension directive

HOUSING

- The housing is made of aluminium. The manufacturing solutions used give the housing strength and guarantee the absence of vibrations during the functioning. Screws, washers and nuts are made of stainless steel.

OPTIONAL

- Varnished coil
- Drainage pipe heater of 220V/1/50Hz voltage (for different voltages please contact our technical dept).