

CHAMPION

NEW FM22+ “HIGH FLOW”

Fixed & Variable Speed Screw Compressors

At a glance...



Nominal Pressure
7, 8 & 10 bar



Motor Power
22kW



Volume Flow
3.40 - 3.79m³/min

Improved
Flow Rate
(FAD) up to
10%!



The Champion FM Series – well-known for quality, reliability and cutting-edge performance – just got a second wind.

The new addition FM22+ and FM22+RS models add up to a 10% increased flow rate (FAD) on top of what was already a high-performance Series.

These compact rotary screw compressors deliver fixed or variable speed operation with the best performance and reliability under the harshest conditions.

Fitted as standard with high-efficiency class 2 (IE3) motors and IP55 enclosures, they offer one of the smallest footprints on the market today.

**THE NEW FM22+
BIG ON FLOW. CHAMPION ON PRICE!**

Available as stand-alone, tank mounted (500 litres), or tank mounted with dryer, the flexible design of these compressors is further enhanced with multiple options available.

The flexible and innovative design also ensures easy, low-cost installation (and maintenance) at the point of use, with automatic belt tensioning delivering long belt life, less maintenance and significant noise reduction.

**5 YEAR
EXTENDED
WARRANTY**

CHAMPION

www.championairtech.com



Compressor Base Mounted



Receiver Mounted Compressor



Complete Airstation including Compressor, Receiver and Dryer

FM22+ Features & Benefits

Reliable electric motor

- IP55, F-class insulation, IE3 class

Intelligent C-PRO 2.0 controller with Safety devices for

- Motor over temperature
- Compressor over temperature
- Airend rotation

Small footprint

- The compressor itself requires a minimum floor space of only 79 x 70 cm, with the receiver mounted models being exceptionally space-saving.

Receiver mounted

- High quality receiver built to EN87/404 (AD2000)

Airstation

Equipped with high performance dryer featuring intelligent control system for low pressure losses.

- Pressure dew point +3°C (ISO 7183, A)
- Environmentally friendly refrigerant R134a
- Digital controller displaying:
 - Dew point indication
 - Additional energy saving mode
 - Maintenance display
 - Fault memory

Technical data

FM 22+ SERIES CODE	TYPE	FM22+			FM22+ RS		
		CC1249505	CC1249506	CC1249507	CC1249508	CC1249509	CC1249510
Nominal pressure	bar	7	8	10	7	8	10
Capacity at working pressure	m³/min	3.79	3.55	3.4	3.76	3.53	3.36
Operating Voltage, 50Hz	V	400	400	400	400	400	400
Noise Level	db(A)	74	74	74	71/74	71/74	71/74
After-cooler		•	•	•	•	•	•
Weight	kg	367	367	367	395	395	395
Dimensions (LxWxH)	mm	787x698x1202	787x698x1202	787x698x1202	787x698x1202	787x698x1202	787x698x1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"	1"	1"

COMPRESSOR MOUNTED ON 500 LT TANK							
Code		RSCCP2225V4	RSCCP2226V4	RSCCP2227V4	RSCCP2228V4	RSCCP2229V4	RSCCP2230V4
Weight	kg	527	527	527	555	555	555
Dimensions (LxWxH)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850

PACKAGE VERSION, FM / CT / 500 LT TANK							
Code		RSCCP2231V4	RSCCP2232V4	RSCCP2233V4	RSCCP2234V4	RSCCP2235V4	RSCCP2236V4
Weight	kg	577	577	577	605	605	605
Dimensions (LxWxH)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850

OPTIONAL	
Factory Fitted Filter Kit including By-Pass 15-22 kW	CONFIG_F2_FILTER1
Retro Fit Filter Pack with By-Pass 22 kW	CC1219448
Factory Fitted Automatic Drain	CONFIG_F0_F2_DRAIN
Factory Fitted Food Grade Oil	CONFIG_F2_FOODGRADE
Extended 5 year warranty	CC1180791

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For additional information please contact your local representative.

Specifications subject to change without notice.