Compressed Air Technologies.
Built to Deliver Value.



CHAMPION

Screw Compressors
2.2 to 22 kW

ChampionAirtech.com

At a glance...

Nominal Pressure
10 bar g

Motor Power
2.2 - 7.5kW

Volume Flow
0.18 - 0.9 m³/min



SMART COMPRESSOR DESIGN
FM SERIES

Well known in the industry for quality and reliability, Champion continuously develops the FM Series to achieve cutting edge performance and efficiency.

The FM02-FM06 range of lubricated screw compressors comprises of many different models and versions to allow maximum flexibility.

Engineering excellence

Compressors are more than just a financial investment, they are a key component in ensuring that manufacturers, processors and operators receive consistent, high quality low cost air. The screw compression element is the heart of the compressor and therefore Champion keeps the design and manufacture in-house, using the latest CNC rotor grinding machinery, coupled with online laser technology.

The resulting reliability and performance ensure that operating costs will remain low throughout the compressor's life.



Engineered for total piece of mind

Thanks to the user-friendly design, these compressors are easy to use, easy to install and fully ready for plug and play. Designed with a minimum number of moving parts, the compressors are very reliable, robust and capable to run continuously. The new canopy design of the compressors guarantees a quick and easy maintenance, minimising the downtime and maximising the reliability.



Maximum flexibility

Based on the individual customer requirements the compressors can be combined with different options to provide everything from a stand alone compressor to the complete airstation.

The options include:



Compressor base mounted



Receiver mounted compressor



Complete airstation including compressor, dryer and receiver



Plug & Play solution



New C-Pro1.0+ User-friendly control system

The new compressor controller C-Pro1.0+ is equipped as standard for all models and provides information about pressure, oil temperature and compressor status (load/unload) together in one display and offers many useful features, such as:

- Communication port RS485 supporting Modbus
- Integrated sequencer for easy control for 2 compressors
- Plastic box for higher IP protection degree
- Auto restart after black-out
- Password protection
- Air and oil filter replacement
- Separator filter replacement and oil change
- Pressure setting easily adjustable
- Unload timer for both DOL & SDS

Optional equipment

- Receivers available at 270lt and 500lt for FM04-FM06
- Prefilter and microfilter combination
- Timed or float drains for receiver mounted units and airstation

THE NEW DESSICANT PLUG AND PLAY AIRSTATION

RELIABLE, WORRY-FREE PLUG & PLAY SOLUTIONS

At a glance...

Nominal Pressure
10 bar

Motor Power
2.2 - 3 kW

Volume Flow
0.16 - 0.27 m^3/min

Designed for contaminant sensitive processes, the robust rotary screw compressor are easy to operate, quick and straightforward to service and offer signifcantly longer lifespans in harsh environment when compared to scroll.



The dedicated airstation incorporates air treatment technology that delivers ISO class 2.2.0*, technically oil-free air, is frost-free and low in contamination.
DPP technical oil free airstation, supply extra dry compressed air (-40°C PDP) and it is compliant to any stringent condensate management local regulation. Food grade lubricant makes this solution suitable for food processing.

*Oil vapor/odor free

Compact & Flexible



Reliable electric motor

IP55, F-class insulation, IE3 class

Safety devices for

- Motor over temperature
- Compressor over temperature
- Airend rotation

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

Small footprint

The compressor itself requires a minimum floor space of only 62 x 60 cm, with the receiver mounted models being exceptionally space-saving.

4 - 7.5kW extended features

- Star Delta starter is included as standard from 4 up to 7.5kW
- 5.5 + 7.5 kW variants have an optional after cooler available to optimise air quality and minimise the size of downstream needed

CHR series refrigeration air dryers

The advanced design and innovative technology offered by CHR Series refrigeration dryers provides an optimised performance alongside a more efficient mode of management. The electronic controller, complete with user-friendly interface, has been simplified to focus on the essential functions of operation and regulation, including the unique fan control (CHR6 – CHR167).

Simplicity in design, unrivalled reliability, and extraordinary value for money are the core strengths of this new family of units.





Maintenance is as easy as ever

Fast and easy service

These compressors are designed to ensure easy access to maintenance points. All cabinet panels can be easily removed to allow full access to all service points. Also, the limited number of moving parts reduces service costs.

Technical data

FM 2–6 Series: Screw Compressors

Design: Oil flooded, single stage rotary screw compressor, belt drive, direct start or star / delta starting

Pressure Range: 10 bar

Electric motor: 2.2 to 7.5kW – IE3



FM SERIES PART NO	TYPE	FM2 230V RSCCP020601	FM2 RSCCP020602	FM3 RSCCP020603	FM4 RSCCP020604	FM5 RSCCP020605	FM6SDS RSCCP020608
Maximum pressure	bar	10	10	10	10	10	10
Capacity at maximum pressure	m³/min	0.18	0.21	0.35	0.45	0.66	0.92
Drive motor IP 55 / class F – IE3	kW	2.2	2.2	3	4	5.5	7.5
Operating voltage, 50Hz, 60Hz	400V	–	·	·	·	·	·
C-Pro 1.0+ electronic controller		·	·	·	·	·	·
Noise level	dB(A)	63	63	64	67	68	70
Air cooled		·	·	·	·	·	·
Weight	kg	151	151	151	154	168	174
Dimensions [L x W x H]	mm	622 x 599 x 1106					
Outlet connection		½"	½"	½"	½"	½"	½"
STD. COMPRESSOR SDS							
PART NO		–	–	–	**RSCCP020606**	**RSCCP020607**	–
SDS Starter		–	–	–	·	·	–
Noise level	dB(A)	–	–	–	70	68	–
COMPRESSOR MOUNTED ON 270 LT TANK							
PART NO		**RSCCP020610**	**RSCCP020611**	**RSCCP020612**	**RSCCP020613**	**RSCCP020614**	–
Weight	kg	242	242	242	245	258	–
Dimensions [L x W x H]	mm	1539 x 720 x 1604					–
COMPRESSOR MOUNTED ON 270 LT TANK SDS							
PART NO		–	–	–	**RSCCP020615**	**RSCCP020616**	**RSCCP020617**
Weight	kg	–	–	–	245	258	264
Dimensions [L x W x H]	mm	–	–	–	1539 x 720 x 1604		
COMPRESSOR MOUNTED ON 500 LT TANK							
PART NO		–	–	–	**RSCCP020620**	**RSCCP020621**	–
Weight	kg	–	–	–	314	318	–
Dimensions [L x W x H]	mm	–	–	–	1885 x 720 x 1700		–
COMPRESSOR MOUNTED ON 500 LT TANK SDS							
PART NO		–	–	–	**RSCCP020622**	**RSCCP020623**	**RSCCP020624**
Weight	kg	–	–	–	314	318	334
Dimensions [L x W x H]	mm	–	–	–	1885 x 720 x 1700		
PACKAGE VERSION, FM / CT / 270							
PART NO		**RSCCP020630**	**RSCCP020631**	**RSCCP020632**	**RSCCP020633**	**RSCCP020634**	–
Weight	kg	261	261	261	270	284	–
Dimensions [L x W x H]	mm	1539 x 720 x 1604					–
PACKAGE VERSION, FM / CT / 270 / SDS							
PART NO		–	–	–	**RSCCP020635**	**RSCCP020636**	**RSCCP020637**
Weight	kg	–	–	–	270	284	290
Dimensions [L x W x H]	mm	–	–	–	1539 x 720 x 1604		
PACKAGE VERSION, FM / CT / 500							
PART NO		–	–	–	**RSCCP020640**	**RSCCP020641**	–
Weight	kg	–	–	–	339	353	–
Dimensions [L x W x H]	mm	–	–	–	1885 x 720 x 1700		–
PACKAGE VERSION, FM / CT / 500 / SDS							
PART NO		–	–	–	**RSCCP020642**	**RSCCP020643**	**RSCCP020644**
Weight	kg	–	–	–	339	353	359
Dimensions [L x W x H]	mm	–	–	–	1885 x 720 x 1700		

OPTIONAL	
Alternative Voltage 230/3/50-60Hz	CONFIG_FO_F1_230_VOLT
Alternative Voltage 380/3/60Hz	CONFIG_FO-F4_380_VOLT
Factory Fitted Kit including By-Pass 2.2-3 kW	CONFIG_FO_FILT1
Factory Fitted Kit including By-Pass 4-5.5 kW	CONFIG_FO_FILT2
Factory Fitted Kit including By-Pass 7.5 kW	CONFIG_FO_FILT3
Retro Fit Pack with By-Pass 2.2-3 kW	**CC1219584**
Retro Fit Pack with By-Pass 4-5.5 kW	**CC1219585**
Retro Fit Pack with By-Pass 7.5 kW	**CC1219586**
Factory Fitted Automatic Drain (only with factory fitted option)	CONFIG_FO_F2_DRAIN
Factory Fitted After Cooler	CONFIG_FO_COOLER
AD2000 (internal separator vessel)	CONFIG_FO-F4_AD2000
Factory Fitted Food Grade Oil	CONFIG_FO_FOODGRADE
Factory Fitted G4 dust filter (not available for airstation)	CONFIG_FO_G4_FILTER
Factory Fitted Oil Heater (only for floor mounted)	CONFIG_FO_HEAT
SERVICE KITS	
Basic Service Kit FM2-6 (2000hrs)	**CC1219905**
Standard Service Kit FM2-6 (4000hrs)	**CC1219906**
Extended Service Kit FM2-4 (8000hrs)	**CC1224708**
Extended Service Kit FM 5-6 (8000hrs)	**CC1219907**
Extended Service Kit FM 2-6 (16000hrs)	**CC1219908**

For models with After Cooler option add 5kg to the weight.
Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 02–03 DPP: Screw Compressors



Design: Oil flooded, single stage rotary screw compressor, belt drive, direct start with dessicant dryer, filters, water separator, oil/water separator and condensate drains

Pressure Range: 10 bar

Electric motor: 2.2 to 3kW – IE3

FM SERIES PART NO	TYPE	FM02 DPP RSCCP020650	FM03 DPP RSCCP020651
Motor	kW	2.2	3
Power Supply	V/Ph/Hz	400V/3/50Hz	400V/3/50Hz
Maximum Pressure	bar	10	10
FAD*	m^3/min	0.21	0.35
Air receiver	liters	270	270
Dimensions [L x W x H]	mm	1539x771x1433	1539x771x1433
Weight	kg	327	327
Connection	Ø	3/8"	3/8"
Noise	dBA	1539 x 771 x 1433	
Food Grade Oil		Standard	Standard

OPTIONAL	
Alternative Voltage, 230V/50-60 Hz	CONFIG_F0_F1_230_VOLT
Alternative Voltage 380/3/60 Hz	CONFIG_F0-F4_380_VOLT
AD2000 (internal separator vessel)	CONFIG_F0-F4_AD2000
Factory Fitted Food Grade Oil	CONFIG_F1_FOODGRADE

SERVICE KITS	
Basic Service Kit FM2-3 DPP (2000hrs)	**47956209001**
Standard Service Kit FM2-6 (4000hrs)	**CC1219906**
FM2-3 DPP FG Air Treatment Kit (4000hrs)	**47956210001**
Kit, Maintenance CHA1 CHA4 (-40) (4000hrs)	**47712097001**
Alumina Bucket 11L (8 KG) – (6000hrs)	**47713698001**
Extended Service Kit FM2-4 (8000hrs)	**CC1224708**
Extended Service Kit FM 2-6 (16000hrs)	**CC1219908**

* Free Air Delivery at the outlet of the compressor, measured at nominal pressure and stated in accordance with ISO1217 4th Edition Annex C & E.
Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.



At a glance...

Nominal Pressure
5 - 13 bar g

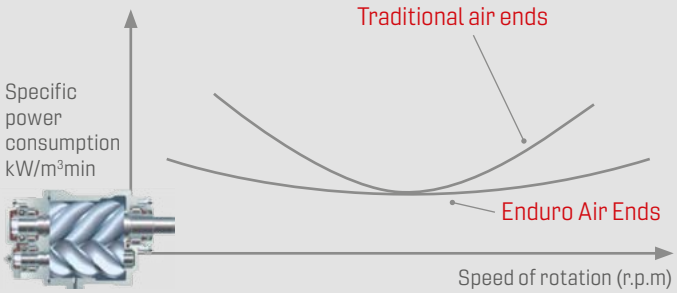
Motor Power
7 - 22kW

Volume Flow
0.45 - 3.50 m³/min

COMPACT & RELIABLE ROTARY SCREW COMPRESSORS - **FM SERIES**

FM & FM RS Screw Compressors up to 45°C ambient temperature

The generously sized ventilation system ensures optimum cooling, low outlet air temperatures best performance and reliability under harshest conditions



Premium Quality Airends

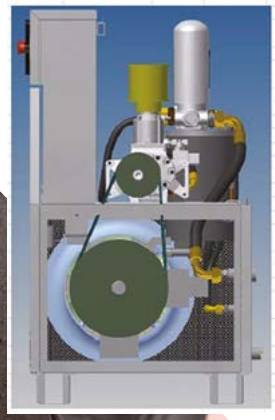
FM series feature high quality airends manufactured using state of the art manufacturing techniques. The airends are designed with focus on reliability and efficiency. The rotors are accurate and thoroughly checked and measured by a computerised control system. Enduro airends have a flat specific power consumption curve, which enables efficient use of the airend in wide rpm. For models FM15-22 the Tamrotor Enduro airend features integrated air - oil separator and oil filter which offers a very compact design and improved maintenance.



FM & FM RS package compressors with dryer and tank

Based up on the individual customer requirements the compressors can be combined with different options to provide options from a stand alone compressor to the complete package.

- Compressor base mounted
- Tank mounted compressor
- Complete package including compressor, dryer and tank



Easy maintenance

FM compressors are designed to ensure easy access to maintenance points. Panels on the structure can be easily removed to allow full access to all service points. Also, the limited number of moving parts reduces service costs.

The automate tensioning of the belt assures long life of the belt, less maintenance and noise reduction.

Easy Installation at the point of use

Compact design with a footprint of 0,4 m^2 for Frame 1 and 0.5m^2 for Frame 2; FM series offer one of the most compact air compressors in the market. FM innovative design also features low noise level allowing installation at the point of use.

High Efficient Motors

- ✓ International efficiency class 2 (IE3) as a standard.
- ✓ IP 55 enclosure
- ✓ Full performance up to 46°C ambient temperature

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 - 3.79 m^3/min

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. 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.

FM RS

flexiAIR Variable Speed Technology

= Energy savings and lower CO_2 emissions into the environment.



The variable speed compressor: One smart solution

Variable speed compressors can efficiently and reliably handle the varying air demand found in most plant air systems. These compressors speed up and slow down to match air supply to air demand as it fluctuates. The right variable speed compressor in the right application delivers significant energy savings and a stable, consistent air supply.

Compressor energy cost example

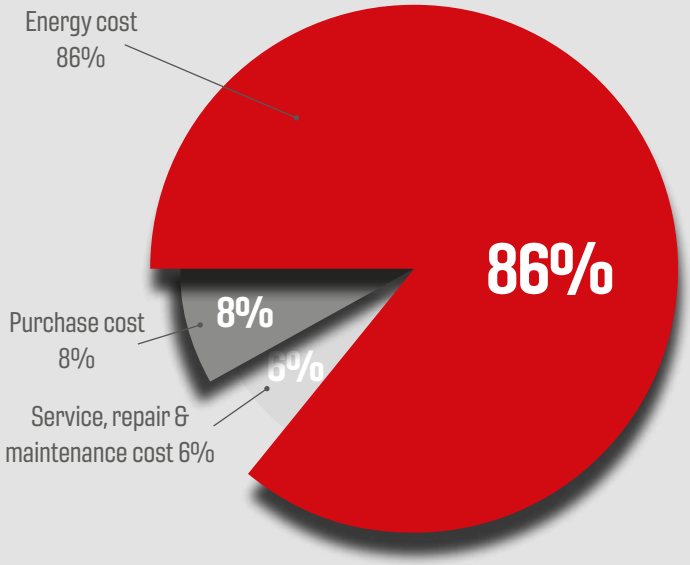
NOMINAL kW	OPERATING COST PER YEAR (5000 HOURS) AT COST PER KWH (€)					
	0.06	0.08	0.10	0.12	0.14	0.16
15	4,495	5,990	7,490	8,985	10,483	11,980
18	5,540	7,390	9,235	11,080	12,930	14,775
22	6,590	8,785	10,980	13,180	15,375	17,570

Note: Hours of operation based on two 8hrs-shifts, 6 days per week. Calculations based on nominal kW.

effiDRIVE IES2 COMPLIANT

FM-RS Series features Power Drive Systems that exceed the class **IES2 EN61800-9** requirements and assure high efficiency and high energy savings levels.

Cost of compressed air over 5 years



FM RS flexiAIR Variable Speed Technology

Allows substantial energy savings of at least 25% of the energy cost

FM package compressors

with dryer, filters and tank

The FM Package compressors can be easily and rapidly installed in any installation.

The intelligent C-PRO 2.0 controller

Simplicity

The C-PRO 2.0 controller was designed to make the operators' interface with the variable speed drive transparent. This new generation controller features extra functions for variable speed compressors like drive status display and flexible PID setting according the application. You don't need to be an expert on variable speed drives to operate your compressor. The controller takes care of the details and automatically adjusts the compressor performance to meet your changing air system demands - saving you energy. Changing the discharge pressure is as easy as pressing a button.



ELITE SERIES
THE COMPLETE PACKAGE

At a glance...

Nominal Pressure
10 bar

Motor Power
7.5 & 11kW

Volume Flow
0.97 - 1.39 m³/min



The Champion ELITE Series is a true "plug & play" compressed air station providing clean, dry air from a complete package.

The **ELITE Series** includes a rotary screw compressor mounted onto a horizontal tank, refrigerated dryer, filtration pack, automatic condensate drain and an oil/water separator.

For total peace of mind, all essential components including a serviceable oil/water separator have been assembled into a single unit. Not only do you save on space and installation costs, but you don't need to worry about the responsible disposal of oil contaminated condensate either.

Available with either a 7.5kW or 11kW efficient IE3 motor and new C-Pro-2 electronic controller as standard, these rotary screw compressors packages offer a pressure rating of 10 bar on a 270 litre horizontal receiver. Both models are designed with a focus on reliability and efficiency and are built around the high quality air ends designed and manufactured in-house in Finland. Panels can be easily removed for access to all service parts ensuring ease of maintenance.

ELITE – "plug & play" simplicity from Champion.





CHR Series Refrigerated Dryer

- Optimised performance and efficient mode of management
- User-friendly electronic controller
- Separate power supply
- Simplicity in design and unrivalled reliability



Oil/Water Separator

- Environmental friendly disposal of condensate – complying with local environmental laws
- Multi-stage separation
- Exceptional performance and trouble free operation
- Fully serviceable



CHF Filter Package

- CHF Cyclonic Separator – water and liquid oil removal
- CHF Grade M Filter – particulate to 0.1 microns and oil aerosol to 0.03mg/m³
- CHF Grade S Filter – particulate to 0.01 microns and oil aerosol to 0.01mg/m³



Condensate Drains

- Reliable drain system
- Robust and designed for long life industrial applications
- Direct acting valve construction with large orifice
- Stainless steel moving parts offering an extended life guarantee

Technical data

FM 7 Series: Screw Compressors



Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled
Pressure Range: 7-8-10-13 bar
Electric motor: 7.5 kW - IE3

FM SERIES	TYPE	FM7			
PART NO		CC1184130	CC1184131	CC1183626	CC1184132
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	1.14	0.99	0.97	0.80
Drive motor IP 55 / class F – IE3	kW	7.5	7.5	7.5	7.5
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level	db(A)	70	70	70	70
After-cooler		·	·	·	·
Weight	kg	205	205	205	205
Dimensions (LxWxH)	mm	667x630x1050	667x630x1050	667x630x1050	667x630x1050
Outlet connection EN 10266 (DIN 2999)		3/4"	3/4"	3/4"	3/4"
COMPRESSOR MOUNTED ON 270 LT TANK					
PART NO		**RSCCP0709**	**RSCCP0710**	**RSCCP0711**	**RSCCP0712**
Weight	kg	300	300	300	300
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		**RSCCP0713**	**RSCCP0714**	**RSCCP0715**	**RSCCP0716**
Weight	kg	365	365	365	365
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
PACKAGE VERSION, FM / CT / 270					
PART NO		**RSCCP0725V4**	**RSCCP0726V4**	**RSCCP0727V4**	**RSCCP0728V4**
Weight	kg	340	340	340	340
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
PACKAGE VERSION, FM / CT / 500					
PART NO		**RSCCP0729V4**	**RSCCP0730V4**	**RSCCP0731V4**	**RSCCP0732V4**
Weight	kg	405	405	405	405
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700

OPTIONAL	
Alternative Voltage, 230V / 50-60 Hz	**CONFIG_F0_F1_230_VOLT**
Alternative Voltage 380/3/60 Hz	**CONFIG_F0-F4_380_VOLT**
Alternative Voltage 460/3/60 Hz	**CONFIG_F1-F2_460_VOLT**
Factory Fitted Kit including By-Pass 7.5 kW	**CONFIG_F1_FILT1**
Retro Kit including By-Pass 7.5 kW for 270 Litre Receiver	**CC1219375**
Retro Kit including By-Pass 7.5 kW for 500 Litre Receiver	**CC1219376**
Factory Fitted Automatic Drain	**CONFIG_F0_F2_DRAIN**
AD2000 (internal separator vessel)	**CONFIG_F0-F4_AD2000**
Factory Fitted Food Grade Oil	**CONFIG_F1_FOODGRADE**
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Basic Service Kit FM7-11 (2000hrs)	**CC1221491**
Standard Service Kit FM7-11 (4000hrs)	**CC1180671**
Extended Service Kit FM7-11 (8000hrs)	**CC1180677**
Extended Service Kit FM7-11 (16000hrs)	**CC1180682**

Service intervals are by calendar months or operating hours, whichever occurs first. Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 11 Series: Screw Compressors



Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled
Pressure Range: 7 to 13 bar
Electric motor: 11 kW - IE3

FM SERIES	TYPE	FM11			
PART NO		CC1184133	CC1184154	CC1183627	CC1184155
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	1.59	1.58	1.39	1.14
Drive motor IP 55 / class F – IE3	kW	11	11	11	11
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level	db(A)	70	70	70	70
After-cooler		·	·	·	·
Weight	kg	219	219	219	219
Dimensions (LxWxH)	mm	667x630x1050	667x630x1050	667x630x1050	667x630x1050
Outlet connection EN 10266 (DIN 2999)		3/4"	3/4"	3/4"	3/4"
COMPRESSOR MOUNTED ON 270 LT TANK					
PART NO		**RSCCP1109**	**RSCCP1110**	**RSCCP1111**	**RSCCP1112**
Weight	kg	314	314	314	314
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		**RSCCP1113**	**RSCCP1114**	**RSCCP1115**	**RSCCP1116**
Weight	kg	379	379	379	379
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
PACKAGE VERSION, FM / CT / 270					
PART NO		**RSCCP1125V4**	**RSCCP1126V4**	**RSCCP1127V4**	**RSCCP1128V4**
Weight	kg	354	354	354	354
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
PACKAGE VERSION, FM / CT / 500					
PART NO		**RSCCP1129V4**	**RSCCP1130V4**	**RSCCP1131V4**	**RSCCP1132V4**
Weight	kg	419	419	419	419
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700

OPTIONAL	
Alternative Voltage, 230V / 50-60 Hz	**CONFIG_F0_F1_230_VOLT**
Alternative Voltage 380/3/60 Hz	**CONFIG_F0-F4_380_VOLT**
Alternative Voltage 460/3/60Hz	**CONFIG_F1-F2_460_VOLT**
Factory Fitted Kit including By-Pass 11 kW	**CONFIG_F1_FILT2**
Retro Kit including By-Pass 11 kW for 270 Litre Receiver	**CC1220830**
Retro Kit including By-Pass 11 kW for 500 Litre Receiver	**CC1220831**
Factory Fitted Automatic Drain	**CONFIG_F0_F2_DRAIN**
AD2000 (internal separator vessel)	**CONFIG_F0-F4_AD2000**
Factory Fitted Food Grade Oil	**CONFIG_F1_FOODGRADE**
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Basic Service Kit FM7-11 (2000hrs)	**CC1221491**
Standard Service Kit FM7-11 (4000hrs)	**CC1180671**
Extended Service Kit FM7-11 (8000hrs)	**CC1180677**
Extended Service Kit FM7-11 (16000hrs)	**CC1180682**

Service intervals are by calendar months or operating hours, whichever occurs first. Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 7 RS Series: Screw Compressors



Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 7.5 kW - IE3

FM SERIES	TYPE	FM7RS			
PART NO		CC1184156	CC1184157	CC1184158	CC1184159
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	1.13	0.98	0.95	0.80
Drive motor IP 55 / class F – IE3	kW	7.5	7.5	7.5	7.5
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level	db(A)	67	67	67	67
After-cooler		·	·	·	·
Weight	kg	225	225	225	225
Dimensions (LxWxH)	mm	667x630 x1050	667x630x1050	667x630x1050	667x630x1050
Outlet connection EN 10266 (DIN 2999)		3/4"	3/4"	3/4"	3/4"
COMPRESSOR MOUNTED ON 270 LT TANK					
PART NO		**RSCCP0717**	**RSCCP0718**	**RSCCP0719**	**RSCCP0720**
Weight	kg	320	320	320	320
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		**RSCCP0721**	**RSCCP0722**	**RSCCP0723**	**RSCCP0724**
Weight	kg	385	385	385	385
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
PACKAGE VERSION, FM / CT / 270					
PART NO		**RSCCP0733V4**	**RSCCP0734V4**	**RSCCP0735V4**	**RSCCP0736V4**
Weight	kg	360	360	360	360
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
PACKAGE VERSION, FM / CT / 500					
PART NO		**RSCCP0737V4**	**RSCCP0738V4**	**RSCCP0739V4**	**RSCCP0740V4**
Weight	kg	425	425	425	425
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700

OPTIONAL	
Alternative Voltage, 230V / 50-60 Hz	**CONFIG_F0_F1_230_VOLT**
Alternative Voltage 380/3/60 Hz	**CONFIG_F0-F4_380_VOLT**
Alternative Voltage 460/3/60Hz	**CONFIG_F1-F2_460_VOLT**
Factory Fitted Kit including By-Pass 7.5 kW	**CONFIG_F1_FILT1**
Retro Kit including By-Pass 7.5 kW for 270 Litre Receiver	**CC1219375**
Retro Kit including By-Pass 7.5 kW for 500 Litre Receiver	**CC1219376**
Factory Fitted Automatic Drain	**CONFIG_F0_F2_DRAIN**
AD2000 (internal separator vessel)	**CONFIG_F0-F4_AD2000**
Factory Fitted Food Grade Oil	**CONFIG_F1_FOODGRADE**
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Basic Service Kit FM7-11 (2000hrs)	**CC1221491**
Standard Service Kit FM7-11RS (4000hrs)	**CC1180672**
Extended Service Kit FM7-11RS (8000hrs)	**CC1180678**
Overhaul Service Kit FM7-11 (20000hrs)	**CC1180682**

In dirty ambient conditions service intervals must be halved. Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 11 RS Series: Screw Compressors



Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 11 kW - IE3

FM SERIES	TYPE	FM11RS			
PART NO		CC1184160	CC1184161	CC1184162	CC1184163
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure and 100% load	m^3/min	1.58	1.56	1.39	1.07
Drive motor IP 55 / class F – IE3	kW	11	11	11	11
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level at 70% load	db(A)	67	67	67	67
After-cooler		·	·	·	·
Weight	kg	234	234	234	234
Dimensions (LxWxH)	mm	667x630x1050	667x630x1050	667x630x1050	667x630x1050
Outlet connection EN 10266 (DIN 2999)		3/4"	3/4"	3/4"	3/4"
COMPRESSOR MOUNTED ON 270 LT TANK					
PART NO		**RSCCP1117**	**RSCCP1118**	**RSCCP1119**	**RSCCP1120**
Weight	kg	329	329	329	329
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		**RSCCP1121**	**RSCCP1122**	**RSCCP1123**	**RSCCP1124**
Weight	kg	394	394	394	394
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
PACKAGE VERSION, FM / CT / 270					
PART NO		**RSCCP1133V4**	**RSCCP1134V4**	**RSCCP1135V4**	**RSCCP1136V4**
Weight	kg	369	369	369	369
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
PACKAGE VERSION, FM / CT / 500					
PART NO		**RSCCP1137V4**	**RSCCP1138V4**	**RSCCP1139V4**	**RSCCP1140V4**
Weight	kg	434	434	434	434
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700

OPTIONAL	
Alternative Voltage, 230V / 50-60 Hz	**CONFIG_F0_F1_230_VOLT**
Alternative Voltage 380/3/60 Hz	**CONFIG_F0-F4_380_VOLT**
Alternative Voltage 460/3/60Hz	**CONFIG_F1-F2_460_VOLT**
Factory Fitted Kit including By-Pass 11 kW	**CONFIG_F1_FILT2**
Retro Kit including By-Pass 11 kW for 270 Litre Receiver	**CC1220830**
Retro Kit including By-Pass 11 kW for 500 Litre Receiver	**CC1220831**
Factory Fitted Automatic Drain	**CONFIG_F0_F2_DRAIN**
AD2000 (internal separator vessel)	**CONFIG_F0-F4_AD2000**
Factory Fitted Food Grade Oil	**CONFIG_F1_FOODGRADE**
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Basic Service Kit FM7-11 (2000hrs)	**CC1221491**
Standard Service Kit FM7-11RS (4000hrs)	**CC1180672**
Extended Service Kit FM7-11RS (8000hrs)	**CC1180678**
Overhaul Service Kit FM7-11 (20000hrs)	**CC1180682**

In dirty ambient conditions service intervals must be halved. Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

Elite 7 & 11 Series: Rotary Screw Compressors



Design: Rotary screw compressor mounted onto a horizontal tank, refrigerated dryer, filtration pack, automatic condensate drain and an oil/water separator.

Pressure Range: 10 bar

Electric motor: 7.5 - 11kW - IE3

ELITE SERIES PART NO	TYPE	ELITE 7 RSCCP0741V4	ELITE 11 RSCCP1141V4
Receiver	litres	270	270
Drive Motor	kW	7.5	11
Voltage	V	400/50	400/50
Capacity at maximum pressure	m^3/min	0.97	1.39
Maximum Pressure	bar	10	10
Noise Level	dB (A)	70	70
Connection	inches	3/4"	3/4"
Dimensions	mm	1539 x 1535 x 787	1539 x 1535 x 787
Weight	kg	364	378

OPTIONAL	
Alternative Voltage 230V/50-60 Hz	**CONFIG_F0_F1_230_VOLT**
Alternative Voltage 380/3/60 Hz	**CONFIG_F0-F4_380_VOLT**
AD2000 (internal separator vessel)	**CONFIG_F0-F4_AD2000**
Factory Fitted Food Grade Oil	**CONFIG_F1_FOODGRADE**
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Basic Service Kit FM7-11(2000hrs)	**CC1221491**
Basic Service Kit ELITE (2000hrs)	**47958928001**
Standard Service Kit FM7-11 (4000hrs)	**CC1180671**
Extended Service Kit FM7-11 (8000hrs)	**CC1180677**
Overhaul Service Kit FM7-11 (20000hrs)	**CC1180682**

Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 15 Series: Screw Compressors



Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled

Pressure Range: 7 to 13 bar

Electric motor: 15 kW - IE3

FM SERIES PART NO	TYPE	FM15 CC1184171	 CC1184172	 CC1184173	 CC1184264
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	2.64	2.46	2.20	1.79
Drive motor IP 55 / class F – IE3	kW	15	15	15	15
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level	db(A)	73	73	73	73
After-cooler		·	·	·	·
Weight	kg	335	335	335	335
Dimensions (LxWxH)	mm	787x698x1202	787x698x1202	787x698x1202	787x698x1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		**RSCCP1509**	**RSCCP1510**	**RSCCP1511**	**RSCCP1512**
Weight	kg	495	495	495	495
Dimensions (LxWxH)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850
PACKAGE VERSION, FM / CT / 500					
PART NO		**RSCCP1517V4**	**RSCCP1518V4**	**RSCCP1519V4**	**RSCCP1520V4**
Weight	kg	545	545	545	545
Dimensions (LxWxH)	mm	2000x850x1850	2000x850x1850	2000x850x1850	2000x850x1850

Service intervals are by calendar months or operating hours, whichever occurs first. Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 15 Series: Screw Compressors Continued

OPTIONAL	
Alternative Voltage 380/3/60 Hz	CONFIG_F0-F4_380_VOLT
Alternative Voltage 460/3/60Hz	CONFIG_F1-F2_460_VOLT
Factory Fitted Kit including By-Pass 15-22 kW	CONFIG_F2_FILT1
Retro Fit Pack with By-Pass 15-18 kW	CC1221356
Factory Fitted Automatic Drain	CONFIG_F0_F2_DRAIN
Factory Fitted Food Grade Oil	CONFIG_F2_FOODGRADE
Extended 5 year warranty	CC1180791
SERVICE & PARTS	
Basic Service Kit FM15-22(2000hrs)	CC1221492
Standard Service Kit FM15-22 (4000hrs)	CC1180685
Extended Service Kit FM15-22 (8000hrs)	CC1180689
Overhaul Service Kit FM15-22 (20000hrs)	CC1180695

Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 18 Series: Screw Compressors



Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled
Pressure Range: 7 to 13 bar
Electric motor: 18.5 kW - IE3

FM SERIES	TYPE	FM18			
PART NO		CC1184265	CC1184266	CC1184267	CC1184268
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	3.15	2.96	2.71	2.38
Drive motor IP 55 / class F – IE3	kW	18.5	18.5	18.5	18.5
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level	db(A)	73	73	73	73
After-cooler		·	·	·	·
Weight	kg	361	361	361	361
Dimensions (L x W x H)	mm	787x698x1202	787x698x1202	787x698x1202	787x698x1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		RSCCP1809	RSCCP1810	RSCCP1811	RSCCP1812
Weight	kg	521	521	521	521
Dimensions (L x W x H)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850
PACKAGE VERSION, FM / CT / 500					
PART NO		RSCCP1817V4	RSCCP1818V4	RSCCP1819V4	RSCCP1820V4
Weight	kg	571	571	571	571
Dimensions (L x W x H)	mm	2000x850x1850	2000x850x1850	2000x850x1850	2000x850x1850

OPTIONAL	
Alternative Voltage 380/3/60 Hz	CONFIG_F0-F4_380_VOLT
Alternative Voltage 460/3/60Hz	CONFIG_F1-F2_460_VOLT
Factory Fitted Kit including By-Pass 15-22 kW	CONFIG_F2_FILT1
Retro Fit Pack with By-Pass 15-18 kW	CC1221356
Factory Fitted Automatic Drain	CONFIG_F0_F2_DRAIN
Factory Fitted Food Grade Oil	CONFIG_F2_FOODGRADE
Extended 5 year warranty	CC1180791
SERVICE & PARTS	
Basic Service Kit FM15-22(2000hrs)	CC1221492
Standard Service Kit FM15-22 (4000hrs)	CC1180685
Extended Service Kit FM15-22 (8000hrs)	CC1180689
Overhaul Service Kit FM15-22 (20000hrs)	CC1180695

Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 22 Series: Screw Compressors



Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled
Pressure Range: 7 to 13 bar
Electric motor: 22 kW - IE3

FM SERIES	TYPE	FM22			
PART NO		CC1184269	CC1184270	CC1184169	CC1184271
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	3.50	3.23	3.06	2.59
Drive motor IP 55 / class F – IE3	kW	22	22	22	22
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level	db(A)	74	74	74	74
After-cooler		·	·	·	·
Weight	kg	367	367	367	367
Dimensions (LxWxH)	mm	787x698x1202	787x698x1202	787x698x1202	787x698x1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		**RSCCP2209**	**RSCCP2210**	**RSCCP2211**	**RSCCP2212**
Weight	kg	527	527	527	527
Dimensions (LxWxH)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850
PACKAGE VERSION, FM / CT / 500					
PART NO		**RSCCP2217V4**	**RSCCP2218V4**	**RSCCP2219V4**	**RSCCP2220V4**
Weight	kg	577	577	577	577
Dimensions (LxWxH)	mm	2000x850x1850	2000x850x1850	2000x850x1850	2000x850x1850

OPTIONAL	
Alternative Voltage 380/3/60 Hz	**CONFIG_F0-F4_380_VOLT**
Alternative Voltage 460/3/60Hz	**CONFIG_F1-F2_460_VOLT**
Factory Fitted Kit including By-Pass 15-22 kW	**CONFIG_F2_FILT1**
Retro Fit 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**
SERVICE & PARTS	
Basic Service Kit FM15-22(2000hrs)	**CC1221492**
Standard Service Kit FM15-22 (4000hrs)	**CC1180685**
Extended Service Kit FM15-22 (8000hrs)	**CC1180689**
Overhaul Service Kit FM15-22 (20000hrs)	**CC1180695**

Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 15 RS Series: Screw Compressors



Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 15 kW - IE3

FM SERIES	TYPE	FM15RS			
PART NO		CC1184272	CC1184273	CC1184274	CC1184275
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure and 100% load	m^3/min	2.64	2.46	2.20	1.73
Drive motor IP 55 / class F – IE3	kW	15	15	15	15
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level at 70% load	db(A)	70	70	70	70
After-cooler		·	·	·	·
Weight	kg	360	360	360	360
Dimensions (L x W x H)	mm	787x698x1202	787x698x1202	787x698x1202	787x698x1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		**RSCCP1513**	**RSCCP1514**	**RSCCP1515**	**RSCCP1516**
Weight	kg	520	520	520	520
Dimensions (L x W x H)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850
PACKAGE VERSION, FM / CT / 500					
PART NO		**RSCCP1521V4**	**RSCCP1522V4**	**RSCCP1523V4**	**RSCCP1524V4**
Weight	kg	570	570	570	570
Dimensions (L x W x H)	mm	2000x850x1850	2000x850x1850	2000x850x1850	2000x850x1850

OPTIONAL	
Alternative Voltage 380/3/60 Hz	**CONFIG_F0-F4_380_VOLT**
Alternative Voltage 460/3/60Hz	**CONFIG_F1-F2_460_VOLT**
FM15-22 Kit with bypass for dryer	**CONFIG_F2_FILT1**
Retro Fit Pack with By-Pass 15-18 kW	**CC1221356**
Factory Fitted Automatic Drain	**CONFIG_F0_F2_DRAIN**
Factory Fitted Food Grade Oil	**CONFIG_F2_FOODGRADE**
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Basic Service Kit FM15-22(2000hrs)	**CC1221492**
Standard Service Kit FM15-22RS (4000hrs)	**CC1180686**
Extended Service Kit FM15-22RS (8000hrs)	**CC1180690**
Overhaul Service Kit FM15-22 (20000hrs)	**CC1180695**

Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.



FM 18 RS Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 18.5 kW - IE3

FM SERIES	TYPE	FM18RS			
PART NO		CC1184277	CC1184278	CC1184279	CC1184280
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	3.15	2.96	2.66	2.25
Drive motor IP 55 / class F – IE3	kW	18.5	18.5	18.5	18.5
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level	db(A)	71	71	71	71
After-cooler		·	·	·	·
Weight	kg	380	380	380	380
Dimensions (L x W x H)	mm	787x698x1202	787x698x1202	787x698x1202	787x698x1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		**RSCCP1813**	**RSCCP1814**	**RSCCP1815**	**RSCCP1816**
Weight	kg	540	540	540	540
Dimensions (L x W x H)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850
PACKAGE VERSION, FM / CT / 500					
PART NO		**RSCCP1821V4**	**RSCCP1822V4**	**RSCCP1823V4**	**RSCCP1824V4**
Weight	kg	590	590	590	590
Dimensions (L x W x H)	mm	2000x850x1850	2000x850x1850	2000x850x1850	2000x850x1850

OPTIONAL	
Alternative Voltage 380/3/60 Hz	**CONFIG_F0-F4_380_VOLT**
Alternative Voltage 460/3/60Hz	**CONFIG_F1-F2_460_VOLT**
FM15-22 Kit with bypass for dryer	**CONFIG_F2_FILT1**
Retro Fit Pack with By-Pass 15-18 kW	**CC1221356**
Factory Fitted Automatic Drain	**CONFIG_F0_F2_DRAIN**
Factory Fitted Food Grade Oil	**CONFIG_F2_FOODGRADE**
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Basic Service Kit FM15-22(2000hrs)	**CC1221492**
Standard Service Kit FM15-22RS (4000hrs)	**CC1180686**
Extended Service Kit FM15-22RS (8000hrs)	**CC1180690**
Overhaul Service Kit FM15-22 (20000hrs)	**CC1180695**

Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

FM 22 RS Series: Screw Compressors



Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 22 kW - IE3

FM SERIES	TYPE	FM22RS			
PART NO		CC1184281	CC1184282	CC1183666	CC1184283
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure and 100% load	m^3/min	3.50	3.23	3.06	2.59
Drive motor IP 55 / class F – IE3	kW	22	22	22	22
Operating Voltage, 50Hz	400 V	·	·	·	·
Control voltage	24 V	·	·	·	·
C-Pro 2.0 electronic controller		·	·	·	·
Noise Level at 70% load	db(A)	71	71	71	71
After-cooler		·	·	·	·
Weight	kg	395	395	395	395
Dimensions (L x W x H)	mm	787x698x1202	787x698x1202	787x698x1202	787x698x1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"
COMPRESSOR MOUNTED ON 500 LT TANK					
PART NO		**RSCCP2213**	**RSCCP2214**	**RSCCP2215**	**RSCCP2216**
Weight	kg	555	555	555	555
Dimensions (L x W x H)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850
PACKAGE VERSION, FM / CT / 500 [1]					
PART NO		**RSCCP2221V4**	**RSCCP2222V4**	**RSCCP2223V4**	**RSCCP2224V4**
Weight	kg	605	605	605	605
Dimensions (L x W x H)	mm	2000x850x1850	2000x850x1850	2000x850x1850	2000x850x1850

OPTIONAL	
Alternative Voltage 380/3/60 Hz	**CONFIG_F0-F4_380_VOLT**
Alternative Voltage 460/3/60Hz	**CONFIG_F1-F2_460_VOLT**
FM15-22 Kit with bypass for dryer	**CONFIG_F2_FILT1**
Retro Fit 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**
SERVICE & PARTS	
Basic Service Kit FM15-22(2000hrs)	**CC1221492**
Standard Service Kit FM15-22RS (4000hrs)	**CC1180686**
Extended Service Kit FM15-22RS (8000hrs)	**CC1180690**
Overhaul Service Kit FM15-22 (20000hrs)	**CC1180695**

Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.



FM 22+ Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 10 bar
Electric motor: 22 kW - IE3

FM 22+ SERIES	TYPE	FM22+			FM22+ RS		
PART NO		CC1249505	CC1249506	CC1249507	CC1249508	CC1249509	CC1249510
Nominal pressure	bar	7	8	10	7	8	10
Capacity at working pressure	m^3/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							
PART NO		**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							
PART NO		**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 Kit including By-Pass 15-22 kW	**CONFIG_F2_FILT1**
Retro Fit 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**

SERVICE & PARTS FM 22+	
Basic Service Kit FM15-22(2000hrs)	**CC1221492**
Standard Service Kit FM15-22 (4000hrs)	**CC1180685**
Extended Service Kit FM15-22 (8000hrs)	**CC1180689**
Overhaul Service Kit FM15-22 (20000hrs)	**CC1180695**

SERVICE & PARTS FM 22+ RS	
Basic Service Kit FM15-22(2000hrs)	**CC1221492**
Standard Service Kit FM15-22RS (4000hrs)	**CC1180686**
Extended Service Kit FM15-22RS (8000hrs)	**CC1180690**
Overhaul Service Kit FM15-22 (20000hrs)	**CC1180695**

Service intervals are by calendar months or operating hours, whichever occurs first.
Please see pages 92-102 for more details and for lubricants allowed to comply with the Extended Warranty.

Notes



Compressed Air Solutions.
Your Compressed Air Partner



Champion stationary rotary screw compressors, both fixed and variable speed drive, are the answer to the needs of small and medium-sized companies.



A modern production system and process demands increased levels of air quality. Our complete Air Treatment Range ensures product quality and efficient operation.



Champion also design and manufacture an enviable range of Portable Rotary Screw compressors. All designed to provide efficiency and reliability in the most demanding applications and conditions, these compressors set new standards.

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For additional information please contact your local representative.
Specifications subject to change without notice.

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