

FM FIXED SPEED, FM RS VARIABLE SPEED

COMPACT & RELIABLE ROTARY SCREW COMPRESSORS - FM SERIES

At a glance...

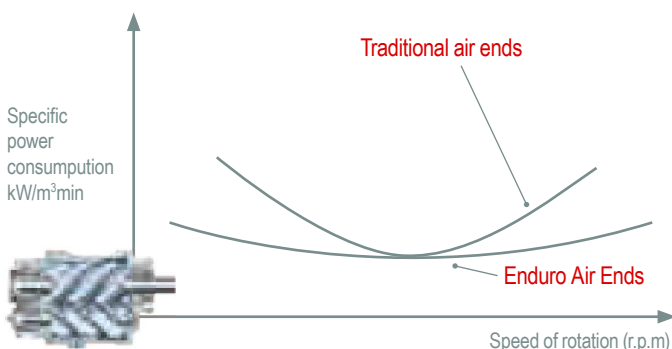
 **Nominal Pressure**
5 - 13 bar g

 **Motor Power**
7 - 22kW

 **Volume Flow**
0.45 - 3.50 m³/min

FM & FM RS Screw Compressors up to 46°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 in Finland 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

New advanced controller C-PRO 2.0 ensures reliable operation and protects your investment by continuously monitoring the operational parameters

- ✓ 3 analogue inputs
- ✓ Multi-language: English/German/French/Italian/Spanish
- ✓ Standard sequence control up to 8 units
(up to 7 units fixed speed & 1 variable speed)
- ✓ Standard Modbus
- ✓ 15 failure records in memory
- ✓ Continuous system monitoring





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.



Belt Auto Tensioning system



Compact design with a footprint of 0,4 m² for frame 1 and 0.5m² 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

FM FIXED SPEED, FM RS VARIABLE SPEED

FM RS



= Energy savings and lower CO₂ emissions into the environment.

The variable speed compressor: One smart solution

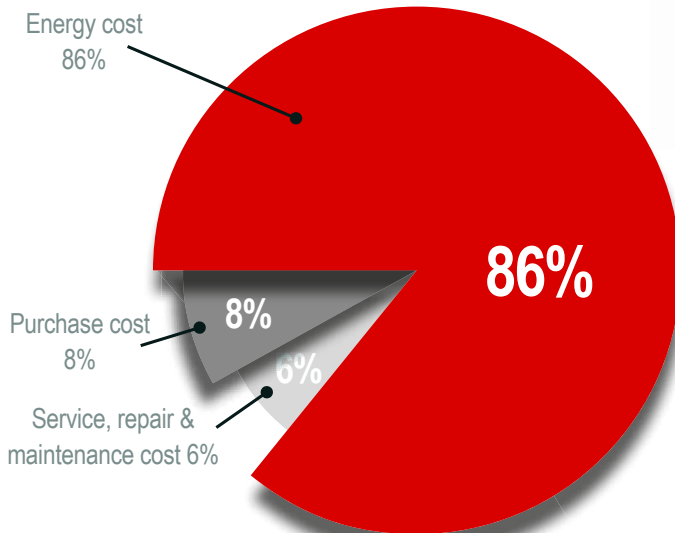
Variable speed compressors can efficiently and reliably handle the varying air demand found in most plant air systems. These compressors speed up and slow down to match air supply to air demand as it fluctuates. The right variable speed compressor in the right application delivers significant energy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

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 to 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.



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 CODE	TYPE	FM7			
		CC1184130	CC1184131	CC1183626	CC1184132
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m³/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					
Code		RSCCP0709	RSCCP0710	RSCCP0711	RSCCP0712
Weight	kg	300	300	300	300
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		RSCCP0713	RSCCP0714	RSCCP0715	RSCCP0716
Weight	kg	365	365	365	365
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
PACKAGE VERSION, FM / CT / 270 ¹⁾					
Code		RSCCP0725V4	RSCCP0726V4	RSCCP0727V4	RSCCP0728V4
Weight	kg	340	340	340	340
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
PACKAGE VERSION, FM / CT / 500 ¹⁾					
Code		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, 380V / 60 Hz	CONFIG_F0-F4_380_VOLT				
Factory Fitted Filter Kit including By-Pass 7.5 kW	CONFIG_F1_FILT1				
Factory Fitted Filter Kit including By-Pass 11 kW	CONFIG_F1_FILT2				
Retro Filter Kit including By-Pass 7.5-11 kW for 270 Litre Receiver	CC1201969				
Retro Filter Kit including By-Pass 7.5-11 kW for 500 Litre Receiver	CC1201970				
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					
Service Kit for every 2000 h or 12 months	CC1221491				
Annual Kit FM07-11	CC1180671				
Advanced Service Kit FM07-11	CC1180677				
ChampLube Screw Lubricant 4 Ltr (x4)	CC1180019				
AEON SCFG 8000 5 Ltr	ZS1216903				
AEON SCFG 8000 20 Ltr	ZS1216945				
AEON SCFG 8000 208 Ltr	ZS1216946				

FM FIXED SPEED, FM RS VARIABLE SPEED

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 CODE	TYPE	FM11			
		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					
Code		RSCCP1109	RSCCP1110	RSCCP1111	RSCCP1112
Weight	kg	314	314	314	314
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		RSCCP1113	RSCCP1114	RSCCP1115	RSCCP1116
Weight	kg	379	379	379	379
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
PACKAGE VERSION, FM / CT / 270 ¹⁾					
Code		RSCCP1125V4	RSCCP1126V4	RSCCP1127V4	RSCCP1128V4
Weight	kg	354	354	354	354
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
PACKAGE VERSION, FM / CT / 500 ¹⁾					
Code		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, 380V / 60 Hz	CONFIG_F0-F4_380_VOLT				
Factory Fitted Filter Kit including By-Pass 7.5 kW	CONFIG_F1_FILT1				
Factory Fitted Filter Kit including By-Pass 11 kW	CONFIG_F1_FILT2				
Retro Filter Kit including By-Pass 7.5-11 kW for 270 Litre Receiver	CC1201969				
Retro Filter Kit including By-Pass 7.5-11 kW for 500 Litre Receiver	CC1201970				
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					
Service Kit for every 2000 h or 12 months	CC1221491				
Annual Kit FM07-11	CC1180671				
Advanced Service Kit FM07-11	CC1180677				
ChampLube Screw Lubricant 4 Ltr (x4)	CC1180019				
AEON SCFG 8000 5 Ltr	ZS1216903				
AEON SCFG 8000 20 Ltr	ZS1216945				
AEON SCFG 8000 208 Ltr	ZS1216946				

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 CODE	TYPE	FM7RS			
		CC1184156	CC1184157	CC1184158	CC1184159
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m³/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					
Code		RSCCP0717	RSCCP0718	RSCCP0719	RSCCP0720
Weight	kg	320	320	320	320
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		RSCCP0721	RSCCP0722	RSCCP0723	RSCCP0724
Weight	kg	385	385	385	385
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
PACKAGE VERSION, FM / CT / 270 ¹⁾					
Code		RSCCP0733V4	RSCCP0734V4	RSCCP0735V4	RSCCP0736V4
Weight	kg	360	360	360	360
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
PACKAGE VERSION, FM / CT / 500 ¹⁾					
Code		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, 380V / 60 Hz	CONFIG_F0-F4_380_VOLT				
Factory Fitted Filter Kit including By-Pass 7.5 kW	CONFIG_F1_FILT1				
Factory Fitted Filter Kit including By-Pass 11 kW	CONFIG_F1_FILT2				
Retro Filter Kit including By-Pass 7.5-11 kW for 270 Litre Receiver	CC1201969				
Retro Filter Kit including By-Pass 7.5-11 kW for 500 Litre Receiver	CC1201970				
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					
Service Kit for every 2000 h or 12 months	CC1221491				
Annual Kit FM07-11 VS	CC1180672				
Advanced Service Kit FM07-11 VS	CC1180678				
ChampLube Screw Lubricant 4 Ltr (x4)	CC1180019				
AEON SCFG 8000 5 Ltr	ZS1216903				
AEON SCFG 8000 20 Ltr	ZS1216945				
AEON SCFG 8000 208 Ltr	ZS1216946				

FM FIXED SPEED, FM RS VARIABLE SPEED

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 CODE	TYPE	FM11RS			
		CC1184160	CC1184161	CC1184162	CC1184163
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure and 100% load	m³/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					
Code		RSCCP1117	RSCCP1118	RSCCP1119	RSCCP1120
Weight	kg	329	329	329	329
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		RSCCP1121	RSCCP1122	RSCCP1123	RSCCP1124
Weight	kg	394	394	394	394
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
PACKAGE VERSION, FM / CT / 270 ¹⁾					
Code		RSCCP1133V4	RSCCP1134V4	RSCCP1135V4	RSCCP1136V4
Weight	kg	369	369	369	369
Dimensions (LxWxH)	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
PACKAGE VERSION, FM / CT / 500 ¹⁾					
Code		RSCCP1137V4	RSCCP1138V4	RSCCP1139V4	RSCCP1140V4
Weight	kg	434	434	434	434
Dimensions (LxWxH)	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
OPTIONAL					
Alternative Voltage, 230V / 50-60 Hz (3 phases)	CONFIG_F0_F1_230_VOLT				
Alternative Voltage, 380V / 60 Hz	CONFIG_F0-F4_380_VOLT				
Factory Fitted Filter Kit including By-Pass 7.5 kW	CONFIG_F1_FILT1				
Factory Fitted Filter Kit including By-Pass 11 kW	CONFIG_F1_FILT2				
Retro Filter Kit including By-Pass 7.5-11 kW for 270 Litre Receiver	CC1201969				
Retro Filter Kit including By-Pass 7.5-11 kW for 500 Litre Receiver	CC1201970				
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					
Service Kit for every 2000 h or 12 months	CC1221491				
Annual Kit FM07-11 VS	CC1180672				
Advanced Service Kit FM07-11 VS	CC1180678				
ChampLube Screw Lubricant 4 Ltr (x4)	CC1180019				
AEON SCFG 8000 5 Ltr	ZS1216903				
AEON SCFG 8000 20 Ltr	ZS1216945				
AEON SCFG 8000 208 Ltr	ZS1216946				

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 CODE	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					
Code		RSCCP1509	RSCCP1510	RSCCP1511	RSCCP1512
Weight	kg	495	495	495	495
Dimensions (LxWxH)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850

PACKAGE VERSION, FM / CT / 500 ¹⁾					
Code		RSCCP1517V4	RSCCP1518V4	RSCCP1519V4	RSCCP1520V4
Weight	kg	545	545	545	545
Dimensions (LxWxH)	mm	2000x850x1850	2000x850x1850	2000x850x1850	2000x850x1850

OPTIONAL	
Alternative Voltage 380/3/60 Hz	CONFIG_F0-F4_380_VOLT
Factory Fitted Filter Kit including By-Pass 15-22 kW	CONFIG_F2_FILT1
Retro Fit Filter Pack with By-Pass 15-22 kW	CC1199134
Factory Fitted Automatic Drain	CONFIG_F0_F2_DRAIN
Factory Fitted Food Grade Oil	CONFIG_F2_FOODGRADE
Extended 5 year warranty	CC1180791

SERVICE & PARTS	
Service Kit for every 2000 h or 12 months	CC1221492
Annual Kit FM15-22	CC1180685
Advanced Service Kit FM15-22	CC1180689
ChampLube Screw Lubricant 4 Ltr (x4)	CC1180019
AEON SCFG 8000 5 Ltr	ZS1216903
AEON SCFG 8000 20 Ltr	ZS1216945
AEON SCFG 8000 208 Ltr	ZS1216946

FM FIXED SPEED, FM RS VARIABLE SPEED

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 CODE	TYPE	FM18			
		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					
Code		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 ¹⁾					
Code		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				
Factory Fitted Filter Kit including By-Pass 15-22 kW	CONFIG_F2_FILT1				
Retro Fit Filter Pack with By-Pass 15-22 kW	CC1199134				
Factory Fitted Automatic Drain	CONFIG_F0_F2_DRAIN				
Factory Fitted Food Grade Oil	CONFIG_F2_FOODGRADE				
Extended 5 year warranty	CC1180791				
SERVICE & PARTS					
Service Kit for every 2000 h or 12 months	CC1221492				
Annual Kit FM15-22	CC1180685				
Advanced Service Kit FM15-22	CC1180689				
ChampLube Screw Lubricant 4 Ltr (x4)	CC1180019				
AEON SCFG 8000 5 Ltr	ZS1216903				
AEON SCFG 8000 20 Ltr	ZS1216945				
AEON SCFG 8000 208 Ltr	ZS1216946				

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 CODE	TYPE	FM22			
		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					
Code		RSCCP2209	RSCCP2210	RSCCP2211	RSCCP2212
Weight	kg	527	527	527	527
Dimensions (LxWxH)	mm	2000x800x1850	2000x800x1850	2000x800x1850	2000x800x1850
PACKAGE VERSION, FM / CT / 500 ¹⁾					
Code		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			
Factory Fitted Filter Kit including By-Pass 15-22 kW		CONFIG_F2_FILT1			
Retro Fit Filter Pack with By-Pass 15-22 kW		CC1199134			
Factory Fitted Automatic Drain		CONFIG_F0_F2_DRAIN			
Factory Fitted Food Grade Oil		CONFIG_F2_FOODGRADE			
Extended 5 year warranty		CC1180791			
SERVICE & PARTS					
Service Kit for every 2000 h or 12 months		CC1221492			
Annual Kit FM15-22		CC1180685			
Advanced Service Kit FM15-22		CC1180689			
ChampLube Screw Lubricant 4 Ltr (x4)		CC1180019			
AEON SCFG 8000 5 Ltr		ZS1216903			
AEON SCFG 8000 20 Ltr		ZS1216945			
AEON SCFG 8000 208 Ltr		ZS1216946			

FM FIXED SPEED, FM RS VARIABLE SPEED

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 CODE	TYPE	FM15RS			
		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					
Code		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 ¹⁾					
Code		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				
FM15-22 Filter Kit with bypass for dryer	CONFIG_F2_FILT1				
Retro Fit Filter Pack with By-Pass 15-22 kW	CC1199134				
Factory Fitted Automatic Drain	CONFIG_F0_F2_DRAIN				
Factory Fitted Food Grade Oil	CONFIG_F2_FOODGRADE				
Extended 5 year warranty	CC1180791				
SERVICE & PARTS					
Service Kit for every 2000 h or 12 months	CC1221492				
Annual Kit FM15-22 VS	CC1180686				
Advanced Service Kit FM15-22 VS	CC1180690				
ChampLube Screw Lubricant 4 Ltr (x4)	CC1180019				
AEON SCFG 8000 5 Ltr	ZS1216903				
AEON SCFG 8000 20 Ltr	ZS1216945				
AEON SCFG 8000 208 Ltr	ZS1216946				

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 CODE	TYPE	FM18RS			
		CC1184277	CC1184278	CC1184279	CC1184280
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m³/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					
Code		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 ¹⁾					
Code		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				
FM15-22 Filter Kit with bypass for dryer	CONFIG_F2_FILT1				
Retro Fit Filter Pack with By-Pass 15-22 kW	CC1199134				
Factory Fitted Automatic Drain	CONFIG_F0_F2_DRAIN				
Factory Fitted Food Grade Oil	CONFIG_F2_FOODGRADE				
Extended 5 year warranty	CC1180791				
SERVICE & PARTS					
Service Kit for every 2000 h or 12 months	CC1221492				
Annual Kit FM15-22 VS	CC1180686				
Advanced Service Kit FM15-22 VS	CC1180690				
ChampLube Screw Lubricant 4 Ltr (x4)	CC1180019				
AEON SCFG 8000 5 Ltr	ZS1216903				
AEON SCFG 8000 20 Ltr	ZS1216945				
AEON SCFG 8000 208 Ltr	ZS1216946				

FM FIXED SPEED, FM RS VARIABLE SPEED

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 CODE	TYPE	FM22RS			
		CC1184281	CC1184282	CC1183666	CC1184283
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure and 100% load	m³/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					
Code		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⁾					
Code		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				
FM15-22 Filter Kit with bypass for dryer	CONFIG_F2_FILT1				
Retro Fit Filter Pack with By-Pass 15-22 kW	CC1199134				
Factory Fitted Automatic Drain	CONFIG_F0_F2_DRAIN				
Factory Fitted Food Grade Oil	CONFIG_F2_FOODGRADE				
Extended 5 year warranty	CC1180791				
SERVICE & PARTS					
Service Kit for every 2000 h or 12 months	CC1221492				
Annual Kit FM15-22 VS	CC1180686				
Advanced Service Kit FM15-22 VS	CC1180690				
ChampLube Screw Lubricant 4 Ltr (x4)	CC1180019				
AEON SCFG 8000 5 Ltr	ZS1216903				
AEON SCFG 8000 20 Ltr	ZS1216945				
AEON SCFG 8000 208 Ltr	ZS1216946				