

CLASSIC

series

**van Elewout
Kompressoren**

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CLASSIC series's compressors are the hallmark of Compresores JOSVAL. The result of more than 60 years of experience in the sector. These compressors are probably the most robust, most reliable and have the greatest air flow on the market.



CLASSIC Head Series



Air flow is set according to ISO 1217.



Together with all these features, the processes of machining and assembly are performed with the greatest care, getting extreme tolerances that provide us with a better performance of the air pump and total reliability.

Features

- Cast iron CYLINDER of superior strength that prolongs its life and its performance. (1)
- Oversized FINS for best cooling.
- Ductile CRANKSHAFT casting with double support for greater stability and dynamic balance. (2)
- VALVE PLATE of stainless steel reeds, with increased resistance to the temperatures and corrosion while providing a greater flow rate. (3)
- CONNECTING RODS in one piece, mounted on needle bearings to ensure lower friction, higher performance and less vibrations. (4)
- Die-cast aluminum CRANKCASE for better thermal evacuation. (5)
- **ARRIVAL:** Fan pulleys of injected aluminum with Double Wind Geometry- NACA profile that provide a 28% increase in head cooling. (6)
- ELECTRIC MOTOR for low power consumption, high efficiency IE3 and service S1. (7)
- Thermal overload PRESSURE SWITCH (only three phase models).



Availability of special anti-dust filters. (quarries, cement, etc.)



Specially for painting: the compressor model MCMLC-25/AUT is equipped with automatic valve for its continuous operation and start/stop switch. It is recommended for heavy-duty or textured paint jobs.



SINGLE PHASE



Code	Model	HP	Kw	Lts	Cyl./St.	l/m	m³/h	r.p.m.	LxWxH mm	Kg
5081020	MC-MLC-25/AUT*	2	1,5	25	2/1	310	18,6	920	960x520x680	65
5081021	MC-MLC-25	2	1,5	25	2/1	310	18,6	920	960x520x680	65
5081051	MC-MLC-50	2	1,5	50	2/1	310	18,6	920	1010x590x760	75
5081070	MC-MLC-100	2	1,5	90	2/1	310	18,6	920	1040x440x840	79
5081180	MC-MLC-200	2	1,5	200	2/1	310	18,6	920	1380x480x950	104
5099021	MC-MAD-25	3	2,2	25	2/2	400	24	920	960x520x710	74
5099051	MC-MAD-50	3	2,2	50	2/2	400	24	920	1010x590x790	83
5099071	MC-MAD-100	3	2,2	90	2/2	400	24	920	1040x440x870	87
5099181	MC-MAD-200	3	2,2	200	2/2	400	24	920	1380x480x980	111
5099191	MC-MAD-300	3	2,2	270	2/2	400	24	920	1500x490x1010	124

*AUT: equipped with automatic valve, recommended for heavy-duty or textured paint jobs.



To perform the treatment of air from a CLASSIC series compressor, you will need a refrigerant dryer with built-in cooler series REDE and we recommend the use of a particle separator filter series FEP



- Piston compressors of the CLASSIC series incorporate a head of high performance and robustness, are bicilyndric of 1 or 2 stages and are electronically balanced.
- The compressors with tanks from 25 to 150 liters are portable and are equipped with wheels. The tanks from 200 liters on are static.
- Tanks are manufactured according to EU directives 2014/29/EU and 2014/68/EU.
- For its correct operation, the compressors (if are static) must be installed on the vibration supports supplied CORRECTLY LEVELED with the ground. In addition, for cooling purposes, you must provide a minimum distance of 50 cm between the compressor and the nearest wall, and check the correct rotational direction indicated by the red arrow located in the belt guard.

THREE PHASE 10 BAR



Code	Model	HP	Kw	Lts	Cyl./St.	l/m	m³/h	r.p.m.	LxWxH mm	Kg
5181021	MC-LC-25	2	1,5	25	2/1	310	18,6	1135	960x520x680	65
5181051	MC-LC-50	2	1,5	50	2/1	310	18,6	1135	1010x590x760	75
5181071	MC-LC-100	2	1,5	90	2/1	310	18,6	1135	1040x440x840	79
5181181	MC-LC-200	2	1,5	200	2/1	310	18,6	1135	1380x480x950	104
5199021	MC-AD-25	3	2,2	25	2/2	400	24	1135	960x520x710	74
5199051	MC-AD-50	3	2,2	50	2/2	400	24	1135	1010x590x790	83
5199071	MC-AD-100	3	2,2	90	2/2	400	24	1135	1040x440x870	87
5199181	MC-AD-200	3	2,2	200	2/2	400	24	1135	1380x480x980	111
5199191	MC-AD-300	3	2,2	270	2/2	400	24	1135	1500x490x1010	124
5209191	MC-AE-300	4	3	270	2/2	590	35,4	910	1500x490x1120	155
5209211	MC-AE-500	4	3	500	2/2	590	35,4	910	1930x540x1190	215
5219071	MC-AF-100	5,5	4	90	2/2	780	46,8	1085	1040x440x980	125
5219075	MC-AF-100/AUT*	5,5	4	90	2/2	780	46,8	1085	1040x440x980	125
5219191	MC-AF-300	5,5	4	270	2/2	780	46,8	1085	1500x490x1120	163
5219211	MC-AF-500	5,5	4	500	2/2	780	46,8	1085	1930x540x1190	223
5222285	MC-AG-150/AUT*	7,5	5,5	150	2/2	1010	60,6	795	920x535x1170	203
5229201	MC-AG-270/AW*	7,5	5,5	270	2/2	1010	60,6	795	1500x490x1120	212
5229211	MC-AG-500	7,5	5,5	500	2/2	1010	60,6	795	1930x540x1300	277
5229215	MC-AG-500/A**	7,5	5,5	500	2/2	1010	60,6	795	1930x610x1300	285
5232285	MC-AH-150/AUT*	10	7,5	150	2/2	1400	84	1125	920x535x1170	210
5239201	MC-AH-270/AW****	10	7,5	270	2/2	1400	84	1125	1500x490x1120	253
5239211	MC-AH-500	10	7,5	500	2/2	1400	84	1125	1930x540x1300	286
5239215	MC-AH-500/A**	10	7,5	500	2/2	1400	84	1125	1930x540x1300	294
5219209	MC-AF-500/D***	2x5,5	2x4	500	4/2	2x780	2x46,8	1085	1930x540x1190	315
5259257	MC-AI-1000/A**	15	11	1000	4/2	2020	121,2	840	2150x820x1650	427
5269257	MC-AJ-1000/A**	20	15	1000	4/2	2770	166,2	1125	2150x820x1650	442

*AUT: equipped with automatic valve.

A: star delta start (Y-Δ) | *D: duplex | ****AW: special width tank + star delta start (Y-Δ)

THREE PHASE 10 BAR- VERTICAL TANK

Code	Model	HP	Kw	Lts	Cyl./St.	l/m	m³/h	r.p.m.	mm	Kg
5219241	MC-VAF-300	5,5	4	270	2/2	780	46,8	1085	820x600x1840	163

THREE PHASE 15 BAR



Code	Model	HP	Kw	Lts	Cyl./St.	l/m	m³/h	r.p.m.	LxWxH mm	Kg
5192021	MC-AD2-25	3	2,2	25	2/2	400	24	1135	960x520x710	76
5192051	MC-AD2-50	3	2,2	50	2/2	400	24	1135	1010x590x790	85
5192181	MC-AD2-200	3	2,2	200	2/2	400	24	1135	1380x480x980	116
5192191	MC-AD2-300	3	2,2	300	2/2	400	24	1135	1600x490x1010	139
5202191	MC-AE2-300	4	3	300	2/2	590	35,4	910	1600x490x1120	170
5202211	MC-AE2-500	4	3	500	2/2	590	35,4	910	1930x540x1190	220
5212191	MC-AF2-300	5,5	4	300	2/2	780	46,8	1085	1600x490x1120	178
5212211	MC-AF2-500	5,5	4	500	2/2	780	46,8	1085	1930x540x1190	228
5222211	MC-AG2-500	7,5	5,5	500	2/2	1010	60,6	795	1930x540x1300	277
5222215	MC-AG2-500/A*	7,5	5,5	500	2/2	1010	60,6	795	1930x610x1300	285
5232211	MC-AH2-500	10	7,5	500	2/2	1400	84	1125	1930x540x1300	286
5232215	MC-AH2-500/A*	10	7,5	500	2/2	1400	84	1125	1930x610x1300	294
5252257	MC-AI2-1000/A*	15	11	1000	4/2	2020	121,2	840	2150x820x1650	527
5262257	MC-AJ2-1000/A*	20	15	1000	4/2	2770	166,2	1125	2150x820x1650	542

5% increase in the price for three phase compressors requested to 230V.

*A: star delta start (Y-Δ)

THREE PHASE 15 BAR- VERTICAL TANK

Code	Model	HP	Kw	Lts	Cyl./St.	l/m	m³/h	r.p.m.	mm	Kg
5212241	MC-VAF2-300	5,5	4	270	2/2	780	46,8	1085	820x600x1840	178

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 7 bar and maximum of 9 bar. Those whose maximum working pressure is 15 bar are preset from 10 to 12 bar.