

Compressor CM

CM 10 - 80 BAR

Delivery

l/min 123 - 635 / m<sup>3</sup>/h 7 - 38,1

Pressure

BAR 10 - 80 / PSI 145 - 1160



Quality System Certified  
ISO 9001

Technical data may be changed by manufacturer at any time

MADE IN ITALY BY NARDI COMPRESSORI

[www.nardicompressori.com](http://www.nardicompressori.com)

**CM** INDUSTRY is a product line that includes several products made by NARDI COMPRESSORI that are designed to operate at very high efficiency and at the same time are made with resistant materials that guarantee many hours of operation. The "CM" COMPRESSOR range which stands for Compressor at Medium Pressure, designed to independently aspirate the surrounding air or a gas conveyed at a maximum pressure of 100 Mbar to compress it up to 80 Bar.

The compressor block, or pump unit, is the heart of the machine, it is a critical component where NARDI has put major attention. The features of this medium pressure Compressor make it unique in the world.



**Frames** For this product line, 3 types of frames have been developed to satisfy all market demands.

### Frame P

The frame is designed to reduce weight and dimensions, making the compressor light and portable with its aluminum frame coated with epoxy powder paint and with its stainless steel components. It is equipped with a counter-frame with double anti-vibration which eliminates out the vibrations on the ground.



### Frame C

This is the most compact silent model of Nardi Compressori medium pressure range. It was designed with a sound insulated frame for indoor installation. Its sound absorbing internal lining guarantees a very low noise level and the fan ensures a good ventilation.



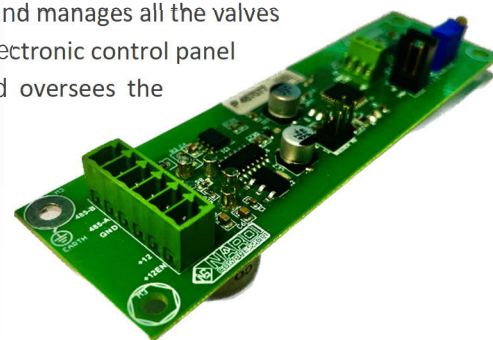
### Frame M

This is a silent model designed to suit also outdoor installations. Our engineers have looked into every single detail to create this anti vibration housing with an easy side-opening ensuring a perfect ventilation to safeguard the pumping block from harsh conditions and for maximum reducing the noise level.



### Control and Electronics

For proper operation of the compressor, NARDI has designed a new electronic control panel. This new system controls all the key points as temperature, oil level, current consumption, inlet pressure, outlet pressure and manages all the valves and solenoid valves. In addition to this, the electronic control panel keeps the track of the service schedule and oversees the status of the filtering system.



### Compressed gas quality

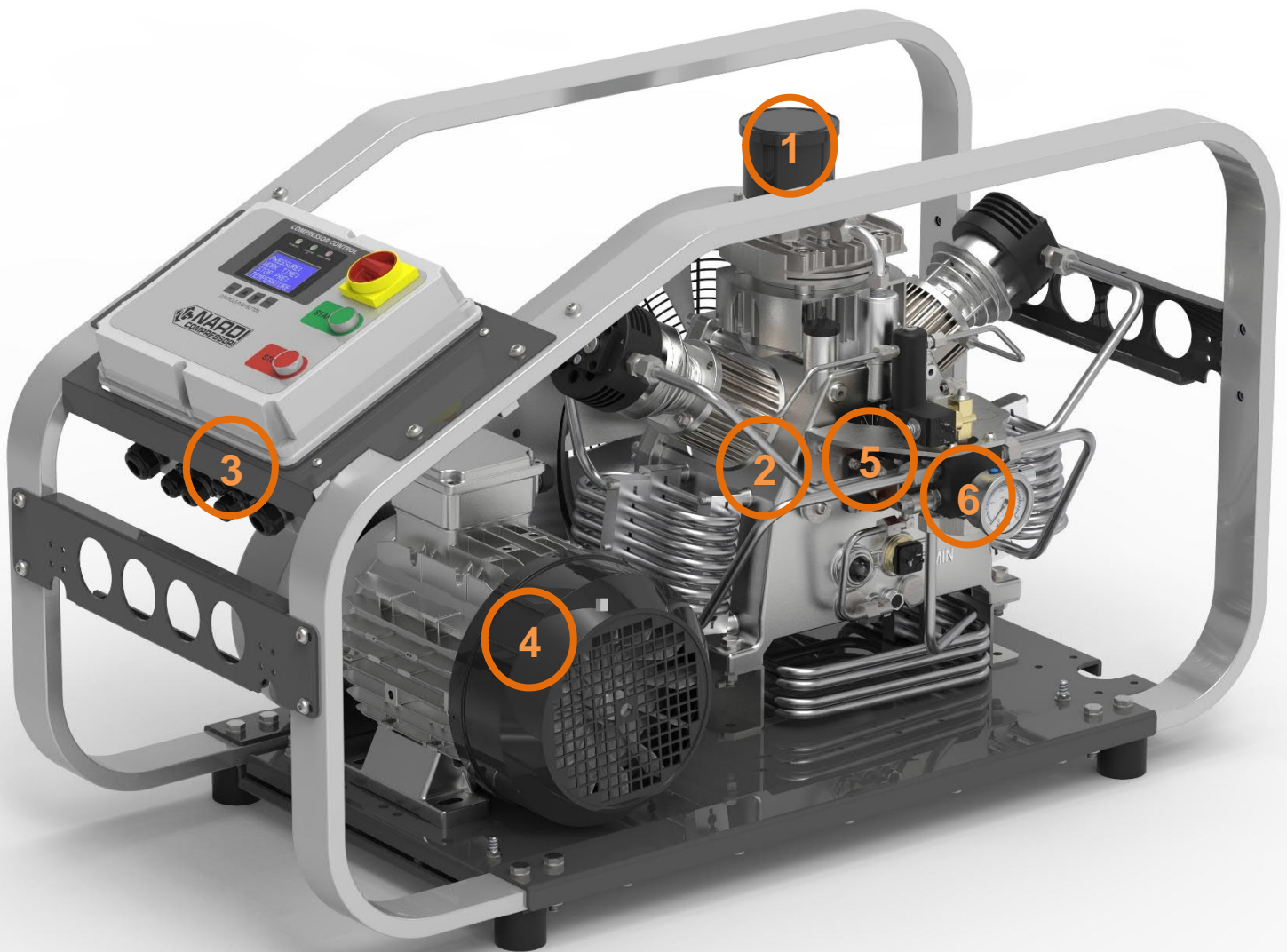
The novelty developed by Nardi Compressori is a system with constant checking that the compressed gas is not contaminated by particles of organic compounds, such as lubricating oil. This is an optional device that must be requested upon ordering the Compressor.

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- 1 Intake Valve
- 2 Compressor Block
- 3 Electronic Control
- 4 Electric motor

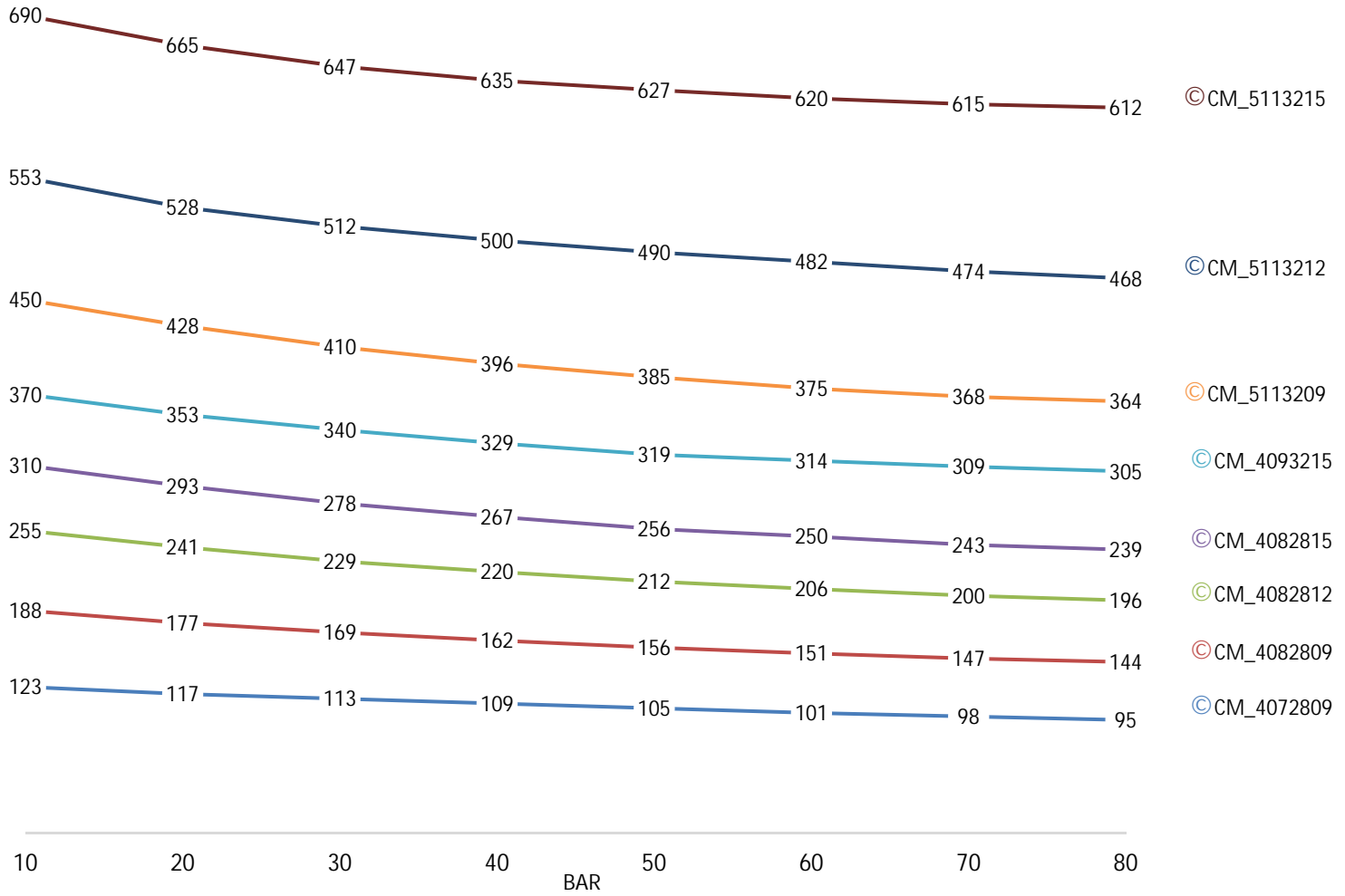


- 5 Oil pump lubrication
- 6 Compressed gas Outlet

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Compressor 10 – 40 BAR		Compressor 10 – 60 BAR		Compressor 10 – 80 BAR		DISPLACEMENT			F.A.D. 80 BAR - 1160 PSI		
Compressor Model	Power Engine	Compressor Model	Power Engine	Compressor Model	Power Engine	F.A.D.			F.A.D.		
Type	HP - kW	Type	HP - kW	Type	HP - kW	l/min.	m³/h	cfm	l/min.	m³/h	cfm
CM44072809	3,0 - 2,2	CM64072809	1,7 – 2,3	CM84072809	3,7 – 2,7	150	9	5,3	95	5,7	3,4
CM44082809	3,4 - 2,5	CM64082809	3,8 – 2,8	CM84082809	4,1 – 3,0	240	14,4	8,5	144	8,6	5,1
CM44082812	3,8 – 2,8	CM64082812	4,1 – 3,0	CM84082812	4,3 – 3,2	310	18,6	10,9	196	11,8	6,9
CM44082815	4,0 – 3,0	CM64082815	4,3 – 3,2	CM84082815	4,8 – 3,5	385	23,1	13,6	239	14,4	8,4
CM44093215	6,8 – 5,0	CM64093215	7,0 – 5,2	CM84093215	7,5 – 5,5	450	27	15,9	305	18,3	10,8
CM45113209	9,5 – 7,0	CM65113209	10,9 – 8,0	CM85113209	12,2 – 9,0	520	31,2	18,4	364	21,8	12,9
CM45113212	10,9 – 8,0	CM65113212	12,2 – 9,0	CM85113212	13,6 – 10	665	39,9	23,5	468	28,1	16,5
CM45113215	12,2 – 9,0	CM65113215	13,6 – 10	CM85113215	15 – 11	830	49,8	29,3	612	36,7	21,6

NARDI COMPRESSORI SRL

Via Marco Polo, 2

36075 Montecchio Maggiore (VI) ITALY

Phone

+39 0444 159111

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