



Dental

INDEX

2	Index
3	General sales and terms and conditions
4	Key highlights of our products

Compressed Air

6	Pure Air - Prime 1
7	Pure Air - Prime 2
8	Pure Air - Prime 3
9	Pure Air - Prime Tandem Multi
12	Mini Silent portable oil-free compressors

IoT

14	IoT line
16	Prime 2 IoT
17	PRIME 3 IoT

Accessories and spare Parts

19	Oil-free compressors accessories
17	Spare parts list

KEY OF ICONS



Max simultaneous use



Number of chairs



Medical - General Medical Equipment
as to electrical shock, fire and mechanical
hazard only in accordance with:
ANSI / AAMI ES60601-1 (2005) + AMD 1 (2012)
CAN / CSA-C22.2 No.60601-1 (2014)
E492083



IoT model

1. Completion of the contract

These general conditions of sale apply and will form part of all contracts of sale for the products and services of Werther Air Compressors to the person, firm or company to which Werther Air Compressors has made an offer for products, parts and services relating thereto.

In the event of a conflict between these terms and conditions of sale and any Distribution Agreement between Werther Air Compressors and the buyer, the conditions contained in the Distribution Agreement shall prevail.

Any condition proposed by the buyer in conflict with these general conditions of sale will be void unless expressly approved in writing by the company in the order confirmation.

Orders are binding on Werther Air Compressors only after written confirmation of the same.

Any requests for changes to the order confirmation must be submitted to Werther Air Compressors no later than 3 days from receipt of order confirmation. Over that period, orders are considered binding and accept all the terms of sale contained therein.

2. Delivery

- Unless otherwise provided for and approved in the contract, all deliveries are made ex works, so all transport costs are borne by the customer.
- The goods travel at the risk of the purchaser.
- The delivery terms shall be considered as indicative. Any delays and / or damages for late delivery will never be a source of compensation for the damage or cause for termination of the contract by the purchaser.
- Upon receipt of the goods the buyer must verify the conformity as specified in the purchase contract and, in case of a complaint, it shall immediately notify the Seller. Werther Air Compressors does not accept claims on packaging or shipments if not made within 8 days after delivery of the goods.
- Upon receipt of the goods, the recipient must check the condition of the packages and immediately notify the shipper of any damage and sign subject to checking the goods and in the presence of damage, follow up on the shipper within 8 days of delivery of the goods.

3. Terms of payment

- The payment of the purchase price will have to be made by the purchaser within the time stipulated in the contract and order confirmation.
- In the event of failure and / or delayed payment, Werther Air Compressors reserves the right to charge the buyer with default interest at the bank rate, or to pay compensation in case of bigger damage.

4. Prices

Prices always refer to the current price list, Werther Air Compressors reserves the right to make changes to the prices shown without notice.

5. Retention of property

All products delivered shall remain the property of Werther Air Compressors until full payment occurred, meaning the sale with retention property.

6. Warranty

Oilless compressors are manufactured for 70% duty cycle (PRIME versions), other productions are designed

for 50% usage maximum.

- Oil free compressors for dental applications are covered by a 5 years warranty, 12 months for all other applications.
- The warranty period starts from the invoice date unless otherwise agreed. The warranty is valid for manufacturing defects for the period indicated. The manufacturer is committed, in its sole discretion, either replace or repair the defective parts.
- Warranty terms are valid only upon validation of the installation form. The installation form must be filled using the MGF website www.mgfcompressors.com. Login is required. The installation form must be validated by Werther.
- Air Compressors. Mgf Mobile APP is also available for filling and validating the installation form just for IoT range.
- Entitlement to the warranty will not be recognized if maintenance service, both ordinary and extra-ordinary maintenance, has not been performed during the basic warranty period. Only MGF original spare parts are allowed.
- Warranty does not cover damages caused by wear and tear, misuse, lack of maintenance, defects due to force majeure, violations or changes in the product not agreed in advance with the manufacturer, inadequate installation, work environments, inability at the use of the product, vices (by excess or lack thereof) from the distribution of electricity, defects caused during transportation, unloading and installation.
- The guarantee is valid on condition that the buyer is able to provide appropriate documentation showing the date of purchase, the serial number of the product in addition to any other information necessary for the correct identification of the product.
- The warranty is valid only for buyers that respect regular payments. Complaints relating to the guarantee do not alter in any way the terms of payment, therefore the suspension or delay in payment for warranty issues is not in any case accepted.
- Warranty part(s) will be supplied free of charge or will be issued a credit note.
- Any parts that are requested for return must be returned within 30 days or will be invoiced at full value.
- The shipment of spare parts to repair a reported fault will be sent at customer cost.

7. Responsibility

- Werther Air Compressors cannot be held responsible in any way for damages to persons and / or property resulting directly and / or indirectly by defects in the goods sold.
- Werther Air Compressors responsibility, in relation to the products sold, delivery and installation of the same, cannot exceed the value of the product itself.
- Werther Air Compressors also is not be responsible for the purchaser's successors and assigns, except in case of the proven willful misconduct or gross negligence. Werther Air Compressors is not responsible as well whether the products causes nonprofit, non collection, loss of goodwill, work stoppage phases, closing or company non operability, increase cost of driving, claims of customers of the' buyer arising from disruption of the services.

KEY HIGHLIGHTS OF OUR PR

At MGF, we understand the critical importance of delivering 100% clean, dry air in dental applications.

Our commitment to excellence has driven us to create a compressor that ensures optimal performance through a **unique quadruple filtration system**.

This advanced technology guarantees not only **superior filtration** but also **reliability and efficiency for dental practices**.

Our compressors feature four levels of filtration that work together seamlessly to provide consistently dry, pure air,

essential for both patient safety and equipment longevity.

With **minimal maintenance required**, MGF compressors offer peace of mind to dental professionals, allowing them to focus on what truly matters—delivering exceptional care to their patients.

We believe that **performance, durability, and air quality** should never be compromised. That's why MGF is the trusted choice for dental compressors, providing unparalleled air filtration and superior reliability for your practice.

3 REASONS WHY YOU SHOULD HAVE AN MGF'S COMPRESSOR

UNMATCHED AIR FILTRATION FOR OPTIMAL PERFORMANCE AND RELIABILITY

1

AIR INTAKE FILTER



The 5 stages air treatment system of the MGF dental compressors is the most advanced system available on the market and grant perfect dental quality air. The MGF membrane dryers grant a constant performance during the time, without any natural permeation increase, ensuring a consequent high reliability.

MEMBRANE DRYER

PRODUCTS

2

SILENT OPERATION FOR A QUIETER, MORE COMFORTABLE PRACTICE

Experience a new level of comfort and peace in your practice with our MGF compressors, designed for silent operation.

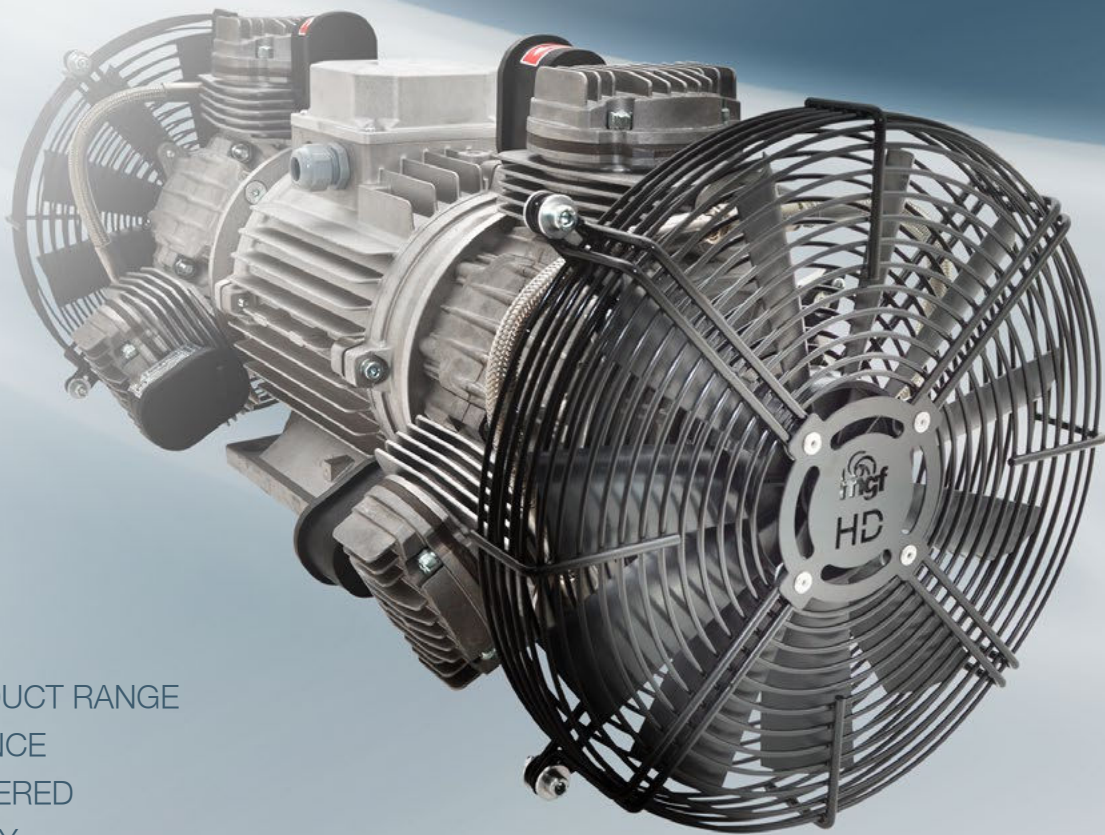
Whether in a professional setting or a personal space, these compressors are engineered to minimize noise, creating a quieter environment that allows you to focus on what matters most.

With MGF's advanced noise-reducing technology, you can work in a more comfortable and less disruptive space, ensuring an improved experience for you and those around you.



3

- . FULL PRODUCT RANGE
- . BEST SILENCE
- . HIGH-POWERED
- . VERSATILITY
- . USER-FRIENDLY OPERATION AND LOW MAINTENANCE
- . INNOVATIVE PATENTED TECHNOLOGY
- . EXPERIENCE-DRIVEN



PRIME 1

Prime is the top of the range: motors till 6 cylinders, heavy duty cycle use, silent running, design, reliability, articulated connecting rod system, brass internal cylinder surface to optimize the sliding of the piston and minimize the rings consumption.

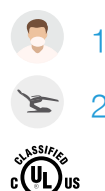
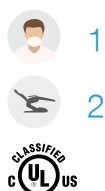
Prime 1 is the single cylinder version, available in the silenced configuration (**Mini Box**) and with a membrane dryer (**M**).




30/7 PRIME M
PR-OF100-024-M-6-UL






30/7 PRIME M - 115V
PR-OF100-024-M-110-UL

MINI BOX 24/7 PRIME M
PR-MB100-024-M-15-6-UL

MINI BOX 24/7 PRIME M - 115V
PR-MB100-024-M-15-110-UL



Model	Code	 hp kW	 V Hz ph	 A
30/7 PRIME M	PR-OF100-024-M-6-UL	1 0,75	220/60/1	6,98
30/7 PRIME M 115 V	PR-OF100-024-M-110-UL	1 0,75	110/60/1	13,8
MINI BOX 24/7 PRIME M	PR-MB100-024-M-15-6-UL	1 0,75	220/60/1	7,18
MINI BOX 24/7 PRIME M 115 V	PR-MB100-024-M-15-110-UL	1 0,75	110/60/1	14

Model	Code	 cfm lt/min	 gal L	 dB (A)	 lb kg	 inches (LxWxH)
30/7 PRIME M	PR-OF100-024-M-6-UL	2.8 78	6.34 24	65	79 39	19,7 x 18,5 x 23,6
30/7 PRIME M 115 V	PR-OF100-024-M-110-UL		6.34 24	65	79 39	19,7 x 18,5 x 23,6
MINI BOX 24/7 PRIME M	PR-MB100-024-M-15-6-UL	2.8 78	6.34 24	50	148 67	20,9 x 19,7 x 31,5
MINI BOX 24/7 PRIME M 115 V	PR-MB100-024-M-15-110-UL		6.34 24	50	148 67	20,9 x 19,7 x 31,5

Standard versions have 7 bar / 102 PSI max pressure, 8 bar / 116 PSI maximum pressure setting available on demand.

Prime 2 compressors and the entire Prime range are equipped with **hour-counter, thermic protection and amperometric protection.**

Versions equipped with membrane dryer have a **filtration system** till 0,01 micron and they reach a dew point value

of **-20 °C**, producing dry oil-free hygienic air.

Prime 2 models, with only **66 dB/1m** noise level, are between the most quite compressors on the market.

IoT versions are also available.

50/15 PRIME M

PR-OF200-040-M-6-UL



2



3










2



3



Model	Code			
		hp kW	V Hz ph	A
50/15 PRIME M	PR-OF200-040-M-6-UL	2 1,5	220/60/1	15,2
CS 30/15 PRIME M	PR-CS200-040-M-6-UL	2 1,5	220/60/1	15,4

Model	Code					
		cfm lt/min	gal L	dB (A)	lb kg	inches (LxWxH)
50/15 PRIME M	PR-OF200-040-M-6-UL	5.4 152	11.89 45	66	110 50	20.8 x 29.5 x 36
CS 30/15 PRIME M	PR-CS200-040-M-6-UL	5.4 152	11.89 45	53	216 102	19.3 x 28.3 x 35

Standard versions have 7 bar / 102 PSI max pressure, 8 bar / 116 PSI maximum pressure setting available on demand.

PRIME 3

Prime 3 compressors are the top of the Prime technology!

The 3 cylinders solution of MGF provides the **optimal balancing** and the complete elimination of vibrations, the result is the **surprising low noise level** of the compressor (66 dB\1m)!

The **high efficiency** and the new **perfect cooling system** complete the profile of this exceptional product.

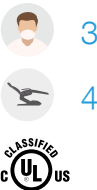
IoT versions are also available.

50/25 PRIME M
PR-OF300-040-M-6-UL






50/25 PRIME M 3ph
PR-OF300-040-M400-UL

CS 50/25 PRIME M
PR-CS300-040-M-6-UL

CS 50/25 PRIME M 3ph
PR-CS300-040-M400-UL



Model	Code	 hp kW	 V Hz ph	 A
50/25 PRIME M	PR-OF300-040-M-6-UL	3 2,2	220/60/1	19
50/25 PRIME M 3ph	PR-OF300-040-M400-UL		230-460/60/3	4,7
CS 50/25 PRIME M	PR-CS300-040-M-6-UL	3 2,2	220/60/1	19,2
CS 50/25 PRIME M 3ph	PR-CS300-040-M400-UL		230-460/60/3	4,9

Model	Code	 72psi cfm lt/min	 gal L	 dB (A)	 lb kg	 inches (LxWxH)
50/25 PRIME M	PR-OF300-040-M-6-UL	7.9 225	10.57 40	66	127 58	27.9 x 16.1 x 30.3
50/25 PRIME M 3ph	PR-OF300-040-M400-UL					
CS 50/25 PRIME M	PR-CS300-040-M-6-UL	7.9 225	10.57 40	53	233 110	20.8 x 29.5 x 36
CS 50/25 PRIME M 3ph	PR-CS300-040-M400-UL					

Standard versions have 7 bar / 102 PSI max pressure, 8 bar / 116 PSI maximum pressure setting available on demand 3 ph versions: 230V 3 phase versions have to be specified at the order.
Standard 3 ph voltage is 460V. All the models have ASME air tanks

MGF offers a wide range of high power compressors matching any kind of need, starting from the medium to the large clinic.

All of the **Tandem** versions are available in the silenced configuration (**CS**) and with a membrane dryer (**M**).

100/30 TANDEM PRIME M
PR-OF400-090-MT-6-UL

100/30 TANDEM PRIME M 3 ph
PR-OF400-090-MT3-UL



4



5











CS 100/30 TANDEM PRIME M
PR-CS400-090-MT-6-UL

CS 100/30 TANDEM PRIME M 3 ph
PR-CS400-090-MT3-UL

Silent version with membrane dryer.



Model	Code	 hp kW	 V Hz ph	 A
100/30 TANDEM PRIME M	PR-OF400-090-MT-6-UL	4 3	220/60/1	30,4
100/30 TANDEM PRIME M 3 ph	PR-OF400-090-MT3-UL		230-460/60/3	9
CS 100/30 TANDEM PRIME M	PR-CS400-090-MT-6-UL	4 3	220/60/1	30,8
CS 100/30 TANDEM PRIME M 3 ph	PR-CS400-090-MT3-UL		230-460/60/3	9,4

Model	Code	 cfm lt/min	 gal L	 dB (A)	 lb kg	 inches (LxWxH)
100/30 TANDEM PRIME M	PR-OF400-090-MT-6-UL	10,8 305	26,42 100	69	224 102	43,3 x 24,8 x 31,9
100/30 TANDEM PRIME M 3 ph	PR-OF400-090-MT3-UL					
CS 100/30 TANDEM PRIME M	PR-CS400-090-MT-6-UL	10,8 305	26,42 100	56	210 62	49 x 28,6 x 40,2
CS 100/30 TANDEM PRIME M 3 ph	PR-CS400-090-MT3-UL					

Standard versions have 7 bar / 102 PSI max pressure, 8 bar / 116 PSI maximum pressure setting available on demand 3 ph versions: 230V 3 phase versions have to be specified at the order.
Standard 3 ph voltage is 460V. All the models have ASME air tanks



CS versions eliminate noise and are equipped with forced cooling system managed by a temperature sensor.

All the models are equipped with **hour counter, overload protection, temperature control** and **electronic control board with delayed timer**.

Versions with membrane dryer have filtration up to 0.01 micron and dew point up to -20°C that ensures hygienic air, free from humidity.

100/50 TANDEM PRIME M
PR-OF600-090-MT-6-UL

100/50 TANDEM PRIME M
PR-OF600-090-MT3-UL

CS 100/50 TANDEM PRIME M
PR-CS600-090-MT-6-UL



6











9

CS 100/50 TANDEM PRIME M 3 ph
PR-CS600-090-MT3-UL

Silent version with membrane dryer.



Model	Code	 hp kW	 V Hz ph	 A
100/50 TANDEM PRIME M	PR-OF600-090-MT-6-UL	6 4.4	220/60/1	38
100/50 TANDEM PRIME M	PR-OF600-090-MT3-UL	6 4.4	230-400/60/3	9,4
CS 100/50 TANDEM PRIME M	PR-CS600-090-MT-6-UL	6 4.4	220/60/1	38,4
CS 100/50 TANDEM PRIME M	PR-CS600-090-MT3-UL	6 4.4	230-400/60/3	9,8

Model	Code	 cfm lt/min	 gal L	 dB (A)	 lb kg	 inches (LxWxH)
100/50 TANDEM PRIME M	PR-OF600-090-MT-6-UL	15.8 450	26.42 100	69	260 118	49 x 28.5 x 40.2
100/50 TANDEM PRIME M	PR-OF600-090-MT3-UL	15.8 450	26.42 100	69	260 118	49 x 28.5 x 40.2
CS 100/50 TANDEM PRIME M	PR-CS600-090-MT-6-UL	15.8 450	26.42 100	56	485 220	49 x 28.6 x 40.2
CS 100/50 TANDEM PRIME M	PR-CS600-090-MT3-UL	15.8 450	23.77 90	56	485 220	49 x 28.6 x 40.2

Standard versions have 7 bar / 102 PSI max pressure, 8 bar / 116 PSI maximum pressure setting available on demand 3 ph versions: 230V 3 phase versions have to be specified at the order.
Standard 3 ph voltage is 460V. All the models have ASME air tanks



All the **Prime multi-head compressors** are equipped with an electronic control board that allows the selection of the running motors. The user can activate one or more motors simultaneously according to the compressed air demand or other different needs. These models are 100 % Duty cycle and engineered with IoT (internet of Things) technology so that they can offer network-connected compressors and digital device monitoring services. All the models are also available in 3-phase versions.

200/75 PRIME M
PR-OF900-200-MT3 -UL

270/100 TANDEM PRIME M
PR-OF1200-270-MT3-UL



9



10



12



15



Model	Code			
		hp kW	V Hz ph	A
200/75 PRIME M	PR-OF900-200-MT3-UL	9 6,6	230-460/60/3	14,1
270/100 TANDEM PRIME M	PR-OF1200-270-MT3-UL	13 10	230-460/60/3	24,4

Model	Code					
		cfm lt/min	gal L	dB (A)	lb kg	inches (LxWxH)
200/75 PRIME M	PR-OF900-200-MT3-UL	23.0 660	52.83 200	72	403 183	57 x 32.3 x 35.4
270/100 TANDEM PRIME M	PR-OF1200-270-MT3-UL	27.5 780	71.32 270	75	529 240	61.4 x 39.4 x 40.5

Standard versions have 7 bar / 102 PSI max pressure, 8 bar / 116 PSI maximum pressure setting available on demand 3 ph versions: 230V 3 phase versions have to be specified at the order.
Standard 3 ph voltage is 460V. All the models have ASME air tanks

MINI SILENT PORTABLE OIL-FREE COMPRESSORS

MGF offers a range of silent portable oil-free compressors for professional (**MINI SILENT**) and medical (**MINI HELPADENT**, **Class IIa**) applications.

Different solutions in matter of filtration and drying systems are available according to each specific application requirement.

MINI SILENT EVO 110 V

S-OF100-003-MS-110

MINI SILENT 1 110 V

S-OF100-003-MS1-110

MINI SILENT 2

S-OF100-003-MS2-110

MINI HELPADENT

S-OF100-003-MH-110



Medical device
Autodrain
No wheels
Stainless steel tank

MINI HELPADENT CAR

S-OF100-003-MH-110



Medical device
Autodrain
With wheels
Telescopic handle
Stainless steel tank



Model	Code	 hp kW	 V Hz ph	 A	 cfm lt/min	 gal L	 dB (A)	 lb kg	 inches (LxWxH)
MACHINE DIRECTIVE VERSIONS									
MINI SILENT EVO 110 V	S-OF100-003-MS-110	1 0.70	110/60/1	6.9	1.8 50	0.79 3	53	61.7 28	18.1 x 12.6 x 17.3 (no wheels)
MINI SILENT 1 110 V with aftercooler	S-OF100-003-MS1-110	1 0.70	110/60/1	6.9	1.8 50	0.79 3	53	63.9 29	
MINI SILENT 2 1,400 rpm 0,70 kW, 110V with membrane dryer	S-OF100-003-MS2-110	1 0.70	110/60/1	6.9	1.8 50	0.79 3	53	63.9 29	18.1 x 12.6 x 17.8 (with wheels)
MEDICAL DEVICES VERSIONS									
MINI HELPADENT 110 V	S-OF100-003-MH-110	1 0.70	110/60/1	6.9	1.8 50	0.79 3	53	35 22	18.1 x 10.2 x 15.7
MINI HELPADENT CAR 110 V	S-OF100-003-MH-C-110	1 0.70	110/60/1	6.9	1.8 50	0.79 3	53	37 24	18.1 x 10.4 x 15.7

Configurations: all the versions are equipped with stationary rubber feet, wheels available on demand (final code extension -C)

IoT



MGF's IoT-enabled compressors bring **smart, connected technology** to your practice.

With **real-time monitoring of operational parameters, predictive maintenance, and remote alarm management**, these intelligent compressors ensure optimal performances and peace of mind.

Stay ahead with MGF's innovative solutions for a seamless and efficient experience.

MGF IoT LINE

MGF is pleased to announce the new line of IoT (Internet of Things) compressors: these “smart” compressors use internet connectivity to constantly monitor the parameters and to manage the maintenance and the alarms of the compressors.

The indicators are visible both on the touchscreen display of the device and online through the dedicated MGF cloud.

For an even more functional connection during installation and maintenance, the MGF APP is also available.

Who is this solution designed for?

- Dental offices
- Workshops
- Hospitals, Universities and Clinics
- Medical uses (such as sterilization rooms, endoscopes, ophthalmology)
- Industry (fire-fighting systems, plants for the generation of technical gases, automation)

MGF IoT is the best solution for all users who need to **constantly monitor the performance** of their compressor to ensure excellent service.

Indeed, IoT technology allows a **revolutionary approach to the Service**, which passes from a traditional reactive intervention to a **preventive and programmed service (predictive maintenance)** therefore capable of providing **targeted, fast**

and efficient responses.

The novelty of MGF Compressors' IoT proposal is also based on the **coexistence of diversified and specific tools** to support the activity of all subjects involved in the supply and use of the compressor:

- The Distributor has **privileged access** to the MGF Cloud
- The Distributor's Technical and Assistance Department uses the **Mobile App** to compile the reports of the interventions carried out.
- The end user sees all the operating parameters on the **on-board display of the compressor** and takes advantage of preventive technical support.

Parameter	Unit of measure	Function	Configuration
			Eco STDYB
Power ON/OFF	N/A		•
On time	h	Parameter	•
Maintenance Intervals	h	Alarm	•
Multiple pumping units delayed start	sec	Parameter	•
Outlet pressure discharge	N/A	Parameter	•
Automatic drain tank discharge	N/A	Parameter	•
Pumping units duty cycle	%	Parameter and Alarm	•
Tank pressure	bar	Parameter	•
Ambient/Cabinet Temperature	°C	Parameter and Alarm	•
Cabinet heater Temperature	°C	Parameter and Alarm	•
Pumping units Temperature	°C	Parameter and Alarm	•

DISTRIBUTORS

The Distributor and authorized technicians can take advantage of the Cloud MGF, where all the managed compressors appear with the operating parameters in real time.

ADVANTAGES

Availability of the complete inventory of installed devices at a click.

- **Verification of real conditions** of use by the user: immediate identification of problems and deviations, with alarms and notifications.
- **Predictive maintenance:** planning of maintenance interventions.
- **Automatic reporting** on installation, alarms, and maintenance interventions.
- **History of all interventions** carried out.

SERVICE

The MGF Mobile App is available to authorized technicians, allowing them to compile initial installation reports and subsequent maintenance reports.

This facilitates the sharing and evaluation of technical information for each machine over time.

ADVANTAGES

Digitization of documents and elimination of paper management.

- **Automatic archiving of reports** in MGF Cloud.
- Automatic email **notifications for maintenance interventions and alarms.**
- **Access to MGF Cloud to view updated information** for each installed device.

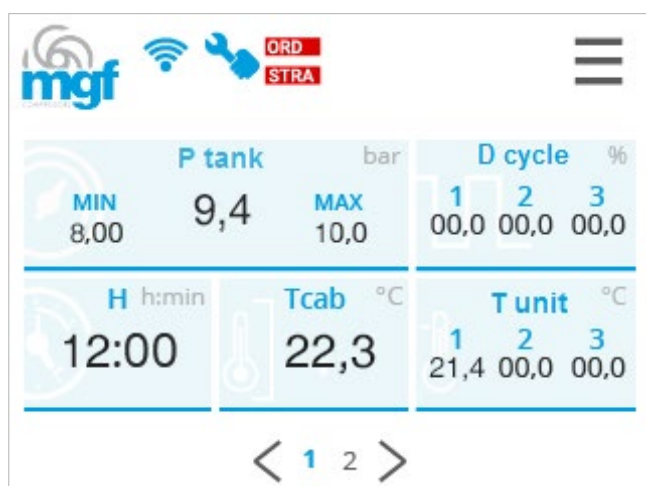
END USER

The end user can view **compressor operating parameters, scheduled maintenance intervals, and alarms in real-time** on the **touchscreen display**. This information is shared with the Service to prevent problems and ensure maximum machine efficiency.

ADVANTAGES

Compressor operates at maximum efficiency throughout its life.

- Elimination of machine downtime.
- Maximization of compressor life cycle, aided by predictive maintenance.



MGF CLOUD

The MGF Cloud is a platform for viewing and managing all installed compressors. Authorized distributors and technicians have free access to its services. For each compressor, the Cloud displays:

- **Status:** Live working parameters and maintenance countdown.
- **System Alarms:** List of operating anomalies.
- **Details:** Model, code, serial number, installation address, and related compressor information.
- **Reports:** Archive of installation and maintenance reports.

MGF MOBILE APP

The MGF Mobile App is **used by technicians to connect new devices to the Cloud and activate continuous monitoring.**

At installation, the technician enters the serial number and fills in the installation report, activating the "digital history".

All data automatically synchronize with the MGF Cloud.

The Mobile App is also used for subsequent maintenance reports. It's applicable to non-connected standard compressors as well.

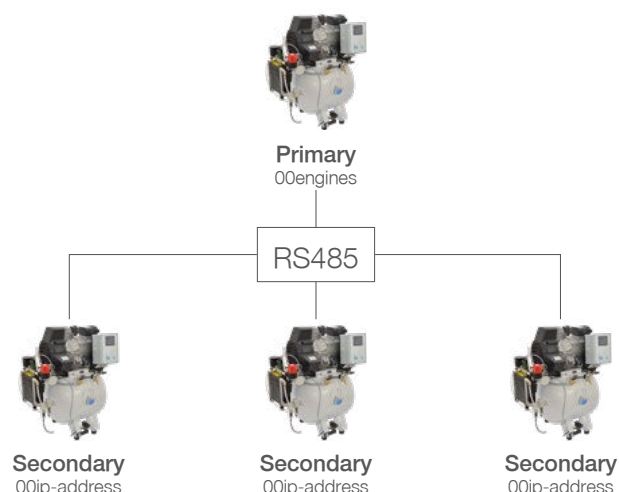
OUR IOT COMPRESSORS

MGF IoT compressors are equipped with sensors to detect all operating parameters and anomalies in real-time.

Each model also features a touchscreen display showing:

- **Live operating parameters.**
- **Remaining hours until the next maintenance.**
- **Alarms.**

Up to 30 IoT compressors can be connected in "primary-secondary" mode for coordinated operations.



PRIME 2 IoT

Prime 2 compressors and the entire Prime range are equipped with **hour-counter, thermic protection and amperometric protection**.

Versions equipped with membrane dryer have a **filtration system till 0,01 micron** and they reach a dew point value

of **-20 °C**, producing dry oil-free hygienic air.

Prime 2 models, with only **66 dB/1m** noise level, are between the most quite compressors on the market.

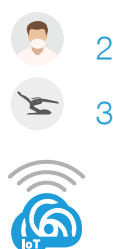
50/15 PRIME M



PR-OF200-040-M-6-UL-IOT








CS 30/15 PRIME M

PR-CS200-040-M-6-UL-IOT



Model	Code	 hp kW	 V Hz ph	 A
50/15 PRIME M	PR-OF200-040-M-6-UL	2 1,5	220 / 60 / 1	15,2
CS 30/15 PRIME M	PR-CS200-040-M-6-UL	2 1,5	220 / 60 / 1	15,4

Model	Code	 cfm lt/min	 gal L	 dB (A)	 lb kg	 inches (LxWxH)
50/15 PRIME M	PR-OF200-040-M-6-UL	5.4 152	11.89 45	66	110 50	20.8 x 29.5 x 36
CS 30/15 PRIME M	PR-CS200-040-M-6-UL	5.4 152	11.89 45	53	216 102	19,3 x 28,3 x 35

Standard versions have 7 bar / 102 PSI max pressure, 8 bar / 116 PSI maximum pressure setting available on demand.

Prime 3 compressors are the top of the Prime technology!

The 3 cylinders solution of MGF provides the **optimal balancing** and the complete elimination of vibrations, the result is the **surprising low noise level** of the compressor (66 dB\1m)!

The **high efficiency** and the new **perfect cooling system** complete the profile of this exceptional product.

50/25 PRIME M
PR-OF300-040-M-6-UL-IOT

50/25 PRIME M 3ph
PR-OF300-040-M400-UL-IOT

CS 50/25 PRIME M
PR-CS300-040-M-6-UL-IOT

CS 50/25 PRIME M 3ph
PR-CS300-040-M400-UL-IOT



3



4











3



4



Model	Code	 hp kW	 V Hz ph	 A
50/25 PRIME M	PR-OF300-040-M-6-UL	3 2,2	220 / 60 / 1	19
50/25 PRIME M 3ph	PR-OF300-040-M400-UL		230-460 / 60 / 3	4,7
CS 50/25 PRIME M	PR-CS300-040-M-6-UL	3 2,2	220 / 60 / 1	19,2
CS 50/25 PRIME M 3ph	PR-CS300-040-M400-UL		230-460 / 60 / 3	4,9

Model	Code	 cfm lt/min	 gal L	 dB (A)	 lb kg	 inches (LxWxH)
50/25 PRIME M	PR-OF300-040-M-6-UL	7.9 225	11.89 45	66	127 58	27.9 x 16.1 x 30.3
50/25 PRIME M 3ph	PR-OF300-040-M400-UL					
CS 50/25 PRIME M	PR-CS300-040-M-6-UL	7.9 225	11.89 45	53	233 110	20.8 x 29.5 x 36
CS 50/25 PRIME M 3ph	PR-CS300-040-M400-UL					

Standard versions have 7 bar / 102 PSI max pressure, 8 bar / 116 PSI maximum pressure setting available on demand 3 ph versions: 230V 3 phase versions have to be specified at the order.
Standard 3 ph voltage is 460V. All the models have ASME air tanks

ACCESSORIES AND SPARE PARTS



We guarantee the timely supply of spare parts for all MGF products at consistently competitive prices.

Regular maintenance is crucial for preventing damages and unexpected downtime, ensuring a consistent and uninterrupted performance. A carefully planned maintenance not only preserves efficiency but also prevents potential future malfunctions.

We offer **highly customized maintenance contracts and programs** designed to monitor and maintain the optimal condition of machinery.

Our contracts ensure a significant increase in productivity, thanks to scheduled interventions that strictly adhere to agreed timelines and methods, following detailed checklists.

OIL-FREE COMPRESSORS ACCESSORIES

DRYER KIT



The kits are composed by two dryers, complete with all the components listed below.

All the **dryer kits** include:

1. Heat exchanger
2. Brackets
3. Safety valve
4. Filters group
5. Dryer
6. Connection hose from the dryer to the air receiver
7. Fitting

All the **cooling kits** include:

1. Heat exchanger
2. Brackets
3. Safety valve
4. Filters group
5. Connection hose from the dryer to the air receiver
6. Fitting

TA-ES-103-K2

Drying kit for PRIME 1, GENESI versions and oil-free compressors with flow rates up to 100 l/min

TA-ES-101-K3-W3-HP

Drying kit for PRIME 3 versions and oil-free compressors with flow rates up to 250 l/min

TA-ES-101-K3-W2-HP

Drying kit for PRIME 2 and oil-free compressors with flow rates up to 170 l/min

TA-ES-102-K3-W3-HP

Drying kit for PRIME TANDEM versions and oil-free compressors with flow rates up to 500 l/min

ELECTRONIC CONTROL BOARD FOR CENTRALIZED COMPRESSED AIR SYSTEMS

ME-QC-200

On demand

UL Dental Compressors engineered for USA market



SILENT AND OIL-FREE COMPRESSORS ACCESSORIES

AUTOMATIC WATER DRAIN

Automatic water drain reliever 0-16 bar

TA-SA-003



SPARE PARTS KIT FOR COMPRESSORS

SPARE PARTS KIT FOR ORDINARY MAINTENANCE OF OIL-FREE COMPRESSORS (FROM SN. 07163100)

Average operating conditions

Maintenance intervals above indicated are valid at the following average operating conditions:

- Ambient temperature: 20°C
- Duty cycle: 50%
- Relative Humidity: 50%

More stressful operating conditions can determinate closer maintenance intervals, in these cases annual compressor control is recommended.

Versions with air dryer (1500 hours / 1 year)

Code	Description	Versions (cylinders)	Includes		
			Quantity	Code	Description
TA-FL-0260-K-SCP	Cartridges filters kit for membrane dryer	PRIME 1M	1	TA-FL-058-C	Aspiration filters
			1	TA-FL-001-C-SM	5 µm filter cartridge
			1	TA-FL-024-C2-SM	0,01µm filter cartridge
			2	TA-FL-001-OR	Filter o-rings
			1	CO-PV-001	Non return valve pad
TA-FL-026-K-SCP	Cartridges filters kit for membrane dryer	PRIME 2 M PRIME 3 M	3	TA-FL-058-C	Aspiration filters
			1	TA-FL-001-C-SM	5 µm filter cartridge (AF20)
			1	TA-FL-024-C2-SM	0,01µm filter cartridge (AFD20)
			2	TA-FL-001-OR	Filter o-rings (AF20, AFD20)
			1	CO-PV-001	Non return valve pad
			1	TA-FL-002-C	5 µm filter cartridge (AF30)
			1	TA-FL-076-C	0,01µm filter cartridge (AFD30)
			1	TA-FL-074-C	AMG150 water separator cartridge
TA-FL-0261-K-SCP	Cartridges filters kit for membrane dryer	PRIME TANDEM 2+2 PRIME TANDEM 3+3 M & E	2	TA-FL-075-OR	Filter o-rings (AF30, AFD30)
			6	TA-FL-058-C	Aspiration filters
			2	TA-FL-001-C-SM	5 µm filter cartridge (AF20)
			2	TA-FL-024-C2-SM	0,01µm filter cartridge (AFD20)
			4	TA-FL-001-OR	Filter o-rings (AF20, AFD20)
			1	CO-PV-001	Non return valve pad
			2	TA-FL-002-C	5 µm filter cartridge (AF30)
			2	TA-FL-076-C	0,01µm filter cartridge (AFD30)
TA-FL-0263-K-SCP	Kit filtri a cartuccia per essiccatore a membrana Cartridges filters kit for membrane dryer	PRIME 3+3+3 M	2	TA-FL-074-C	AMG150 water separator cartridge
			4	TA-FL-075-OR	Filter o-rings (AF30, AFD30)
			9	TA-FL-058-C	Aspiration filters
			3	TA-FL-001-C-SM	5 µm filter cartridge (AF20)
			3	TA-FL-024-C2-SM	0,01µm filter cartridge (AFD20)
			6	TA-FL-001-OR	Filter o-rings (AF20, AFD20)
			2	CO-PV-001	Non return valve pad
			3	TA-FL-002-C	5 µm filter cartridge (AF30)
TA-FL-0262-K-SCP	Cartridges filters kit for membrane dryer	270/100 TANDEM PRIME M	3	TA-FL-076-C	0,01µm filter cartridge (AFD30)
			3	TA-FL-074-C	AMG150 water separator cartridge
			6	TA-FL-075-OR	Filter o-rings (AF30, AFD30)
			12	TA-FL-058-C	Aspiration filters
			4	TA-FL-001-C-SM	5 µm filter cartridge (AF20)
			4	TA-FL-024-C2-SM	0,01µm filter cartridge (AFD20)
			8	TA-FL-001-OR	Filter o-rings (AF20, AFD20)
			2	CO-PV-001	Non return valve pad
TA-FL-0262-K-SCP	Cartridges filters kit for membrane dryer	270/100 TANDEM PRIME M	4	TA-FL-002-C	5 µm filter cartridge (AF30)
			4	TA-FL-076-C	0,01µm filter cartridge (AFD30)
			4	TA-FL-074-C	AMG150 water separator cartridge
			8	TA-FL-075-OR	Filter o-rings (AF30, AFD30)




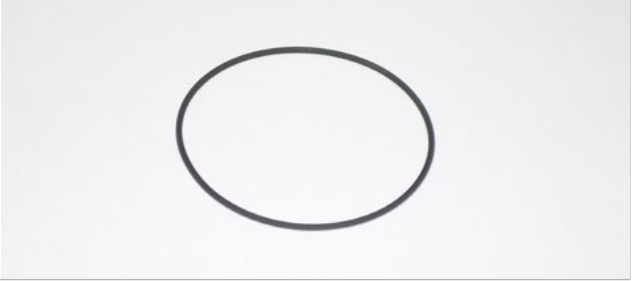
SPARE PARTS KIT FOR EXTRA ORDINARY MAINTENANCE OF OIL-FREE COMPRESSORS
(FROM SN. 07163100)

PRIME versions (4000 hours / 4 years)






Code	Description	Versions (cylinders)	Includes		
			Quantity	Code	Description
PR-GC-030-K-SCP	Spare part kit for PRIME 0,75 kW versions	PRIME 1	1	TA-FL-058-C	Aspiration filter
			2	MA-PC018	O-rings
			1	MA-MG00001	Piston rings
			1	MA-MG00003	Adjustable rings
			1	MA-MG00024	Elastic rings
			1	MA-MG-02002P-C-P	Complete valve plates
			1	CO-PV-001	Non return valve pad
PR-GC-031-K-SCP	Spare part kit for PRIME 1,5 kW versions	PRIME 2	2	TA-FL-058-C	Aspiration filter
			4	MA-PC018	O-rings
			2	MA-MG00001	Piston ring
			2	MA-MG00003	Adjustable rings
			2	MA-MG00024	Elastic rings
			2	MA-MG-02002P-C-P	Complete valve plates
			1	CO-PV-001	Non return valve pad
PR-GC-032-K-SCP	Spare part kit for PRIME 2,2 kW versions	PRIME 3	3	TA-FL-058-C	Aspiration filter
			6	MA-PC018	O-rings
			3	MA-MG00001	Piston rings
			3	MA-MG00003	Adjustable rings
			3	MA-MG00024	Elastic rings
			3	MA-MG-02002P-C-P	Complete valve plates
			1	CO-PV-001	Non return valve pad
PR-GC-033-K-SCP	Spare parts kit for PRIME TANDEM 1,5+1,5 kW	PRIME 2+2	4	TA-FL-058-C	Aspiration filter
			8	MA-PC018	O-rings
			4	MA-MG00001	Piston rings
			4	MA-MG00003	Adjustable rings
			4	MA-MG00024	Elastic rings
			4	MA-MG-02002P-C-P	Complete valve plates
			1	CO-PV-001	Non return valve pad
PR-GC-034-K-SCP	Spare parts kit for PRIME TANDEM 2,2+2,2 kW	PRIME 3+3 PRIME 6	6	TA-FL-058-C	Aspiration filter
			12	MA-PC018	O-rings
			6	MA-MG00001	Piston rings
			6	MA-MG00003	Adjustable rings
			6	MA-MG00024	Elastic rings
			6	MA-MG-02002P-C-P	Complete valve plates
			2	CO-PV-001	Non return valve pad
PR-GC-035-K-SCP	Spare parts kit for PRIME 2,2+2,2+2,2 Kw	PRIME 3+3+3	9	TA-FL-058-C	Aspiration filter
			18	MA-PC018	O-rings
			9	MA-MG00001	Piston rings
			9	MA-MG00003	Adjustable rings
			9	MA-MG00024	Elastic rings
			9	MA-MG-02002P-C-P	Complete valve plates
			3	CO-PV-001	Non return valve pad
PR-GC-037-K-SCP	Spare parts kit for PRIME TANDEM 5+5 Kw	PRIME 6+6	12	TA-FL-058-C	Aspiration filter
			24	MA-PC018	O-rings
			12	MA-MG00001	Piston rings
			12	MA-MG00003	Adjustable rings
			12	MA-MG00024	Elastic rings
			12	MA-MG-02002P-C-P	Complete valve plates
			4	CO-PV-001	Non return valve pad

SPARE PARTS LIST

Common spare parts list

TA-FL-074-C	AMG150 water separator cartridge	
TA-FL-001-OR TA-FL-075-OR TA-FL-085-OR	Filter o-ring	
CO-PV-001	Non return valve pad	
MA-PC018	O-ring	

PRIME spare parts list

TA-FL-058-C	Aspiration filter	
MA-MG00001	Piston ring	
MA-MG00003	Adjustable ring	
MA-MG00024	Elastic ring	
MA-MG02002P-C-P	Complete valve plate	



MGF Compressors s.r.l.
Via Pascoli 15
20081 Abbiategrasso (MI)
Italy

Phone +39 02 9019180
Email Export export@mgfcompressors.it
Web International www.mgfcompressors.com



Silentaire Technology
Silent Air Compressors

Silentaire Technology

5250 North Sam Houston
Parkway W. Suite 850
Houston, TX 77086

Phone: 832-327-7452
E-Mail:
sales@silentaire.com Web:
www.silentaire.com