

HIGH AND LOW PRESSURE COMPRESSORS FOR PURE
BREATHING AIR - NITROX AND TECHNICAL GASES

CATALOGUE
2019

FILLING STATIONS

BREATHING AIR



COLTRI
COMPRESSORS
MADE IN ITALY

COMPANY

The company has constantly evolved by closely following the rapid progress of production tools, thus creating more and more reliable products using cutting-edge equipment, such as robots and mechanical equipment with numerical controls.

In the Aerotecnica Coltri workshops, designing new products is predominately aimed at the quest for quality in order to create absolutely reliable and long-lasting products.



■ Every component of our pumping units is designed and manufactured in the Aerotecnica Coltri workshops. All the compressors found in this catalogue are assembled entirely within the company.

Aerotecnica Coltri's readiness to foresee advanced technology has led us to improve the operational quality and precision of our compressors.



PRODUCTION



The production of high quality mechanical parts in Aerotecnica Coltri workshops is guaranteed by an efficient quality control system in the production cycle.

■
DEA®, our equipment, has a significant role in measuring dimensions since it can detect the geometrical characteristics of the parts and anticipate their behaviour when used as pieces of more complex components.

■
DEA® makes it possible to carry out precise measurements of objects with extremely variable dimensions and geometrical configurations as well as guaranteeing the production of the precise mechanical parts present in Coltri's compressors.

Through continuous refinement, Aerotecnica Coltri obtains quality certificates recognised around the world.

QUALITY

UNI EN ISO 9001:2015



SISTEMA DI GESTIONE
QUALITÀ CERTIFICATO



Breathing-Air Quality Testing Regulations EN12021

SMART

LINE: EFFICIENT



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

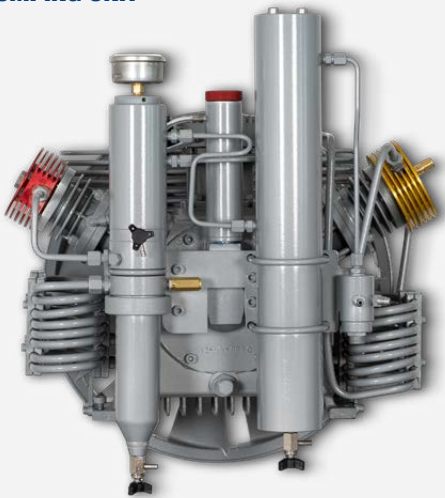
DESCRIPTION

Coltri's SMART line of breathing air compressors are STANDARD line evolution, the world's best known and sold. All models are equipped with two connections for high pressure hoses (from 232 to 330 bar), a single-phase or three-phase electric motor, robust pumping units (MCH 8, MCH 13 or MCH 16 depending on the specific model) and a compact frame with handles, suitable for transport. External refilling panels and an electrical display are available as optional extras, with various automatic features including automatic condensate drainage and an autostop pressure gauge.

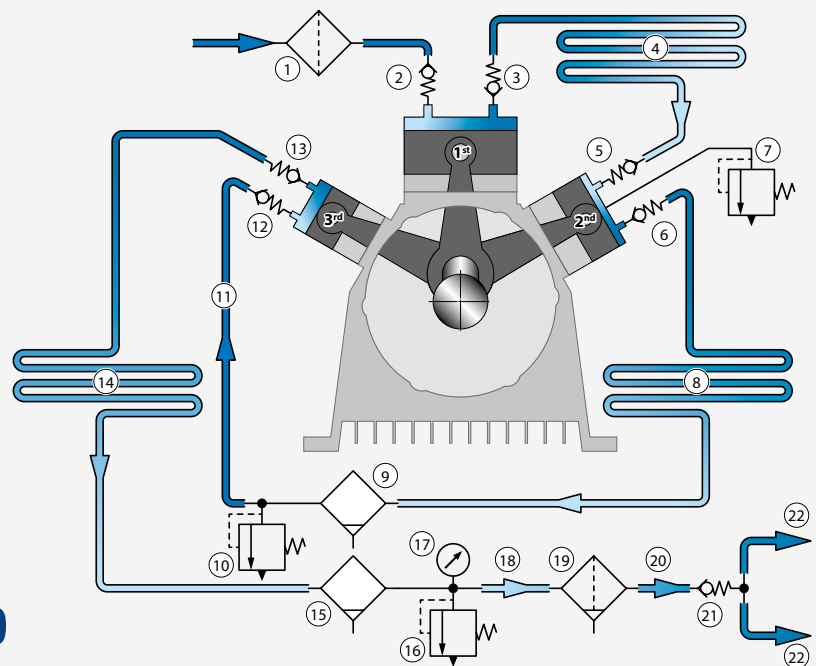


MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 8 STANDARD PUMPING UNIT



MCH 11-13-16 STANDARD PUMPING UNIT



- | | | | |
|----|----------------------------|----|---|
| 1 | Intake filter | 12 | Intake valve 3rd stage |
| 2 | Intake valve 1st stage | 13 | Outlet valve 3rd stage |
| 3 | Outlet valve 1st stage | 14 | Aftercooler |
| 4 | Cooling pipe 1st-2nd stage | 15 | Condensate separator HP |
| 5 | Intake valve 2nd stage | 16 | Safety valve |
| 6 | Outlet valve 2nd stage | 17 | Pressure gauge |
| 7 | Safety valve 1st stage | 18 | Pipe separator/filter |
| 8 | Cooling pipe | 19 | Purifier filter |
| 9 | Condensate separator LP | 20 | Pipe filter/ pressure maintenance valve |
| 10 | Safety valve 2nd stage | 21 | Pressure maintenance valve |
| 11 | Pipe separator/3rd stage | 22 | Flex hoses |

TECHNICAL DATA

	MCH 8	MCH 11	MCH 13	MCH 16
DRIVEN BY	SINGLE-PHASE ELECTRIC MOTOR	SINGLE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	135 l/min - 8 m³/h 4.7 CFM FAD	195 l/min - 11 m³/h 6.9 CFM FAD	235 l/min - 14.1 m³/h 8.3 CFM FAD	315 l/min - 18.9 m³/h 11.1 CFM FAD
FILLING TIME*	15 min.	10 min.	8 min. 30 sec.	6 min. 20 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	93 kg - 205 lb	100 kg - 220 lb	95 kg - 209 lb	105 kg - 231 lb
NOISE	79 dB	79 dB	80.7 dB	82.3 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

Available on request: MCH 13 SINGLE-PHASE ELECTRIC MOTOR / MCH 16 SINGLE-PHASE ELECTRIC MOTOR.

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)

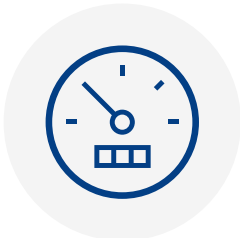


Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Maxifilter
Filtration
(Pag. 66)

OPTIONAL



Pressure switch
auto shut off



Automatic condensate drain



Remote filling panels
(Pag. 64-65)

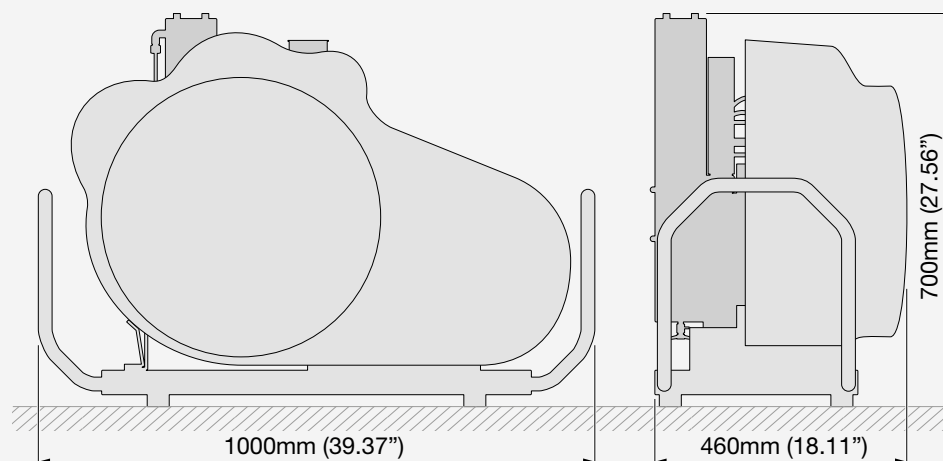


Automatic switchboard
(Pag. 9)

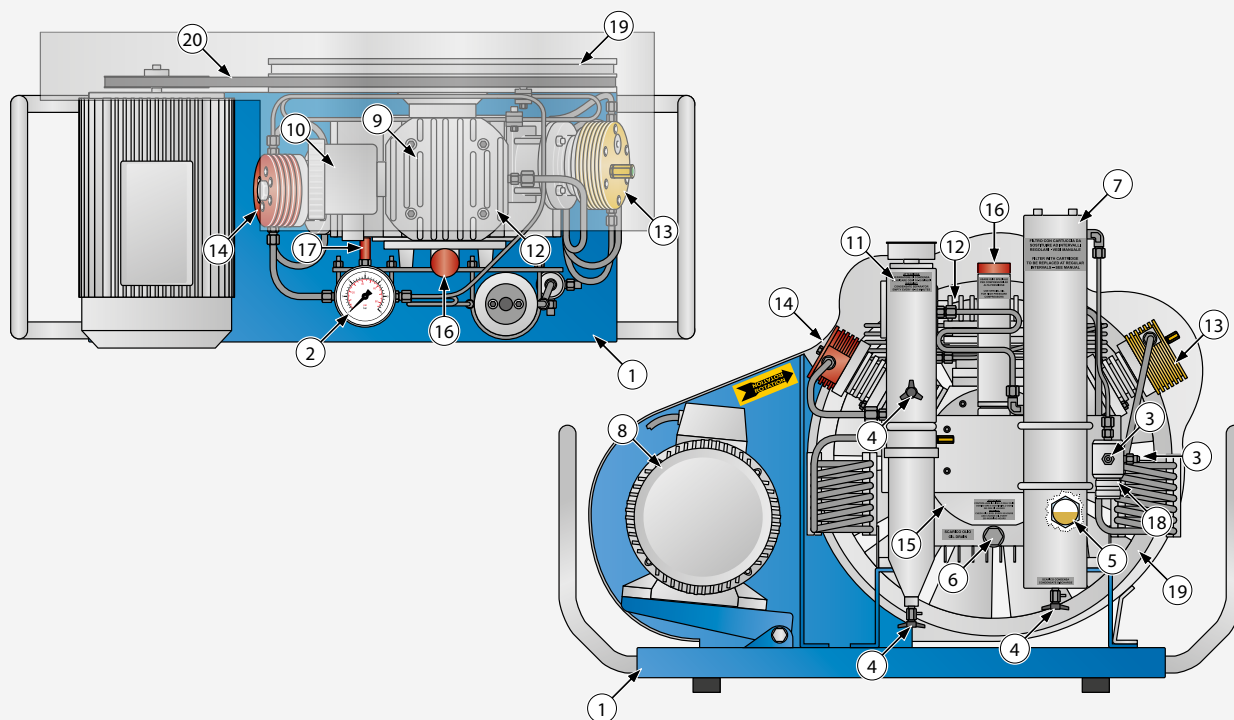


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | |
|--------------------------------------|--------------------------------|
| 1 Frame | 11 Condensate separator |
| 2 Pressure gauge | 12 1st stage |
| 3 Refill hoses connection | 13 2nd stage |
| 4 Condensate discharge valves | 14 3rd stage |
| 5 Oil level | 15 Monobloc |
| 6 Oil discharge valves | 16 Oil filler plug |
| 7 Purifier filter | 17 Safety valve |
| 8 Motor | 18 Maintenance valve |
| 9 Compressor | 19 Cooling fan |
| 10 Air filter | 20 Belt |

AUTOMATIC SWITCHBOARD

FOR STANDARD VERSION
THREE-PHASE ELECTRIC MOTOR



AUTOSTOP + AUTODRAIN WITH TIMER



CODE	SC000500/440/60	SC000500/400/50	SC000500/230/50
VOLTAGE	440 V/60 Hz	400 V/50 Hz	230 V/50 Hz
FOR VERSION	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
DIMENSIONS (W x H x D)	300 x 400 x 150 cm 118 x 157.5 x 59"	300 x 400 x 150 cm 118 x 157.5 x 59"	300 x 400 x 150 cm 118 x 157.5 x 59"



Pressure switch
auto shut off



Automatic condensate drain



Start/Stop



Autostop



Timer

COMPACT EVO

LINE: EFFICIENT



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

DESCRIPTION

COMPACT EVO has been designed with control systems that allow all the operations to be effectively monitored. The models in this series are equipped with two connections for high pressure hoses (from 232 to 330 bar), an interstage pressure gauge, oil level switch, cabin temperature thermostat and a rotation direction detector. They are equipped with three-phase motors and powerful pumping units (MCH 13, MCH 16 or MCH 18 depending on the specific model), an automatic condensate drain and electric switchboard to control the compressor's automatic shut-off. A remote filling panel can be added as an optional extra.

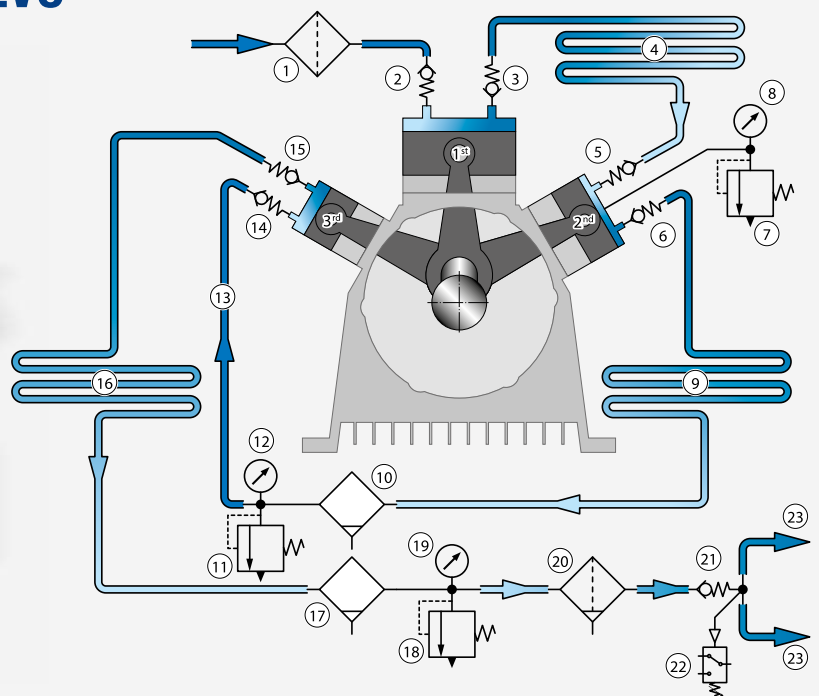
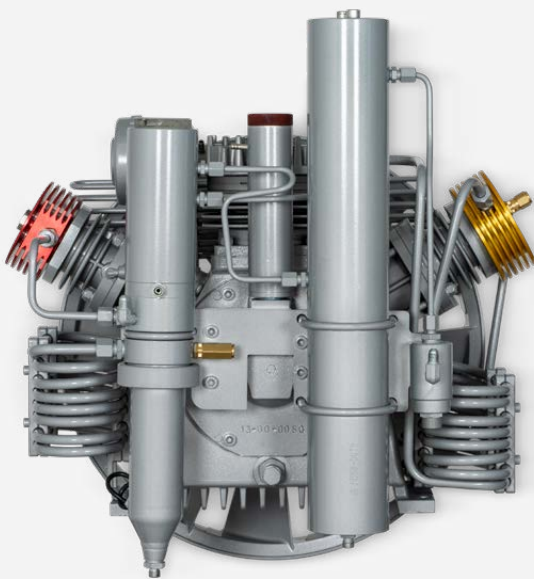


MCH 16 ET THREE-PHASE ELECTRIC MOTOR



MCH 13 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16-18 COMPACT EVO PUMPING UNIT



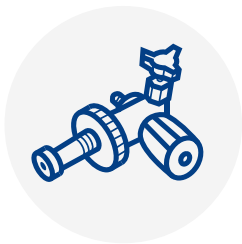
- | | | |
|-------------------------------------|---|--------------------------------------|
| 1 Intake filter | 9 Cooling pipe 2nd/condensate separator LP | 16 Aftercooler |
| 2 Intake valve 1st stage | 10 Condensate separator LP | 17 Condensate separator HP |
| 3 Outlet valve 1st stage | 11 Safety valve 2nd stage | 18 Safety valve |
| 4 Cooling pipe 1st-2nd stage | 12 2nd stage pressure gauge | 19 Pressure gauge |
| 5 Intake valve 2nd stage | 13 Pipe separator/3rd stage | 20 Purifier filter |
| 6 Outlet valve 2nd stage | 14 Intake valve 3rd stage | 21 Pressure maintenance valve |
| 7 Safety valve 1st stage | 15 Outlet valve 3rd stage | 22 Pressure switch |
| 8 1st stage pressure gauge | | 23 Flex hoses |

TECHNICAL DATA

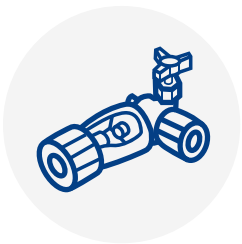
	MCH 13	MCH 16	MCH 18
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m³/h 8.3 CFM FAD	315 l/min - 18.9 m³/h 11.1 CFM FAD	330 l/min - 19.8 m³/h 11.65 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	6 min.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	153 kg - 337 lb	163 kg - 359 lb	163 kg - 359 lb
NOISE	74,9 dB	81 dB	82 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



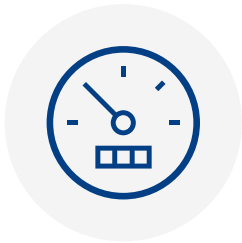
Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Maxifilter
Filtration
(Pag. 66)

OPTIONAL

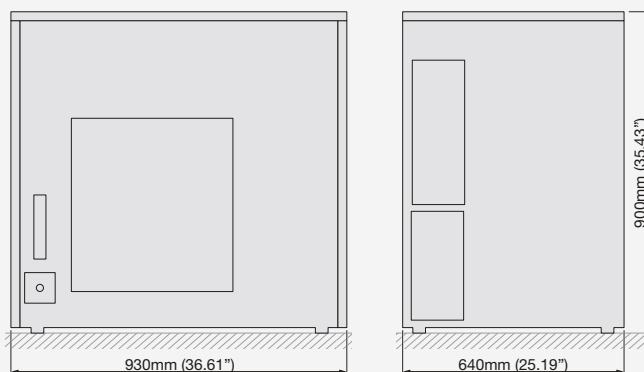


Remote filling panels
(Pag. 64-65)

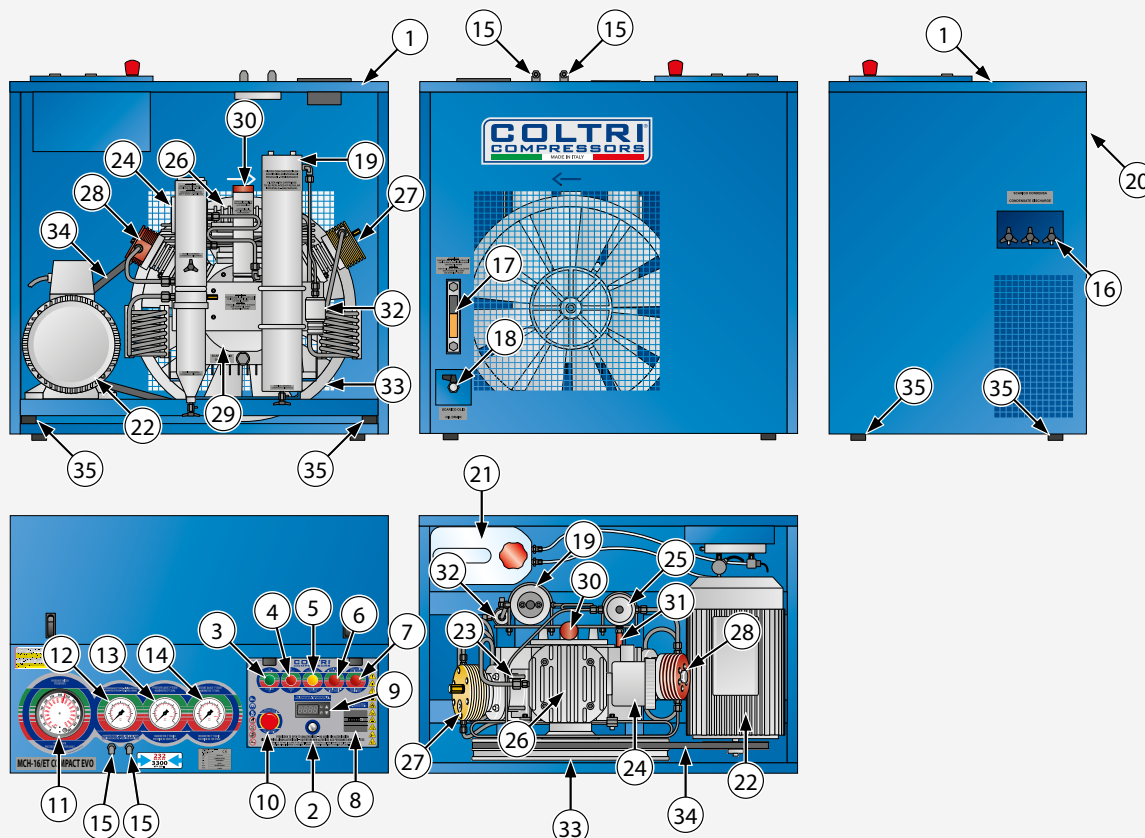


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | |
|--|-------------------------------|
| 1 Frame | 19 Purifier filter |
| 2 Control pannel | 20 Intake extension hole |
| 3 ON pushbutton | 21 Condensate collection can |
| 4 Stop pushbutton | 22 Motor |
| 5 Condensate discharge pushbutton | 23 Compressor |
| 6 Oil level warning light | 24 Air filter |
| 7 Direction of rotation indicator light | 25 Final condensate separator |
| 8 Hour counter | 26 1st stage |
| 9 Cabinet interior / cooling air temperature | 27 2nd stage |
| 10 Emergency pushbutton | 28 3rd stage |
| 11 Automatic shutdown pressure switch | 29 Monobloc |
| 12 3rd stage pressure gauge | 30 Oil filler plug |
| 13 2nd stage pressure gauge | 31 Safety valve |
| 14 1st stage pressure gauge | 32 Maintenance valve |
| 15 Refill hoses connection | 33 Cooling fan |
| 16 Condensate discharge valves | 34 Belt |
| 17 Oil level | 35 Anti-vibration device |
| 18 Oil discharge valves | |

MINI SILENT EVO

LINE: EFFICIENT



MCH 13 ET THREE-PHASE ELECTRIC MOTOR

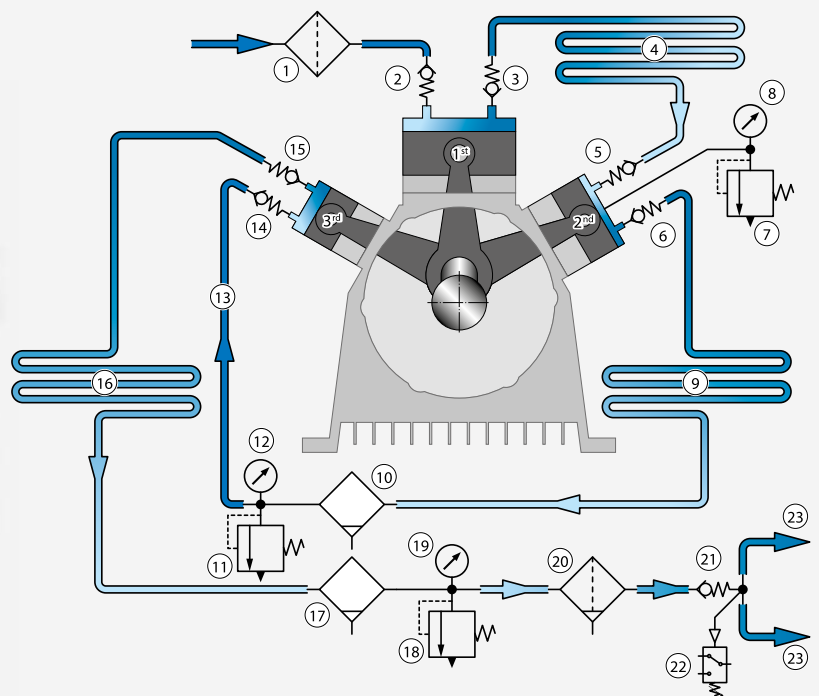
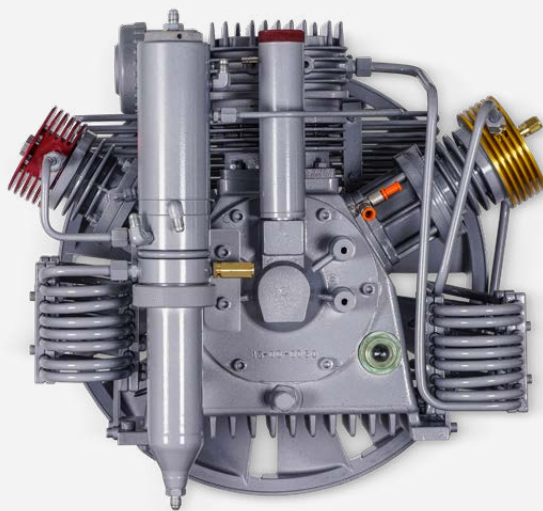
DESCRIPTION

The MINI SILENT EVO series consists of silent and compact Coltri breathing air compressors. Easy to use, the compressors can be equipped with two pumping units, MCH 13 or MCH 16, with a Maxifilter system and two connections for high pressure hoses (from 232 to 330 bar). Both models in the range are equipped with a control panel complete with various automatic features such as automatic condensate drain and controls for the automatic shut-off of the compressor.



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16 MINI SILENT PUMPING UNIT



- | | | |
|-------------------------------------|---|--------------------------------------|
| 1 Intake filter | 9 Cooling pipe 2nd/condensate separator LP | 16 Aftercooler |
| 2 Intake valve 1st stage | 10 Condensate separator LP | 17 Condensate separator HP |
| 3 Outlet valve 1st stage | 11 Safety valve 2nd stage | 18 Safety valve |
| 4 Cooling pipe 1st-2nd stage | 12 2nd stage pressure gauge | 19 Pressure gauge |
| 5 Intake valve 2nd stage | 13 Pipe separator/3rd stage | 20 Purifier filter |
| 6 Outlet valve 2nd stage | 14 Intake valve 3rd stage | 21 Pressure maintenance valve |
| 7 Safety valve 1st stage | 15 Outlet valve 3rd stage | 22 Pressure switch |
| 8 1st stage pressure gauge | | 23 Flex hoses |

TECHNICAL DATA

	MCH 13	MCH 16
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m³/h - 8.3 CFM FAD	315 l/min - 18.9 m³/h - 11.1 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	177 kg - 390 lb	187 kg - 412 lb
NOISE	71.9 dB	74.5 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



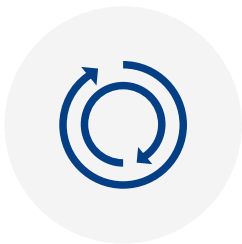
Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Maxifilter
Filtration
(Pag. 66)

OPTIONAL

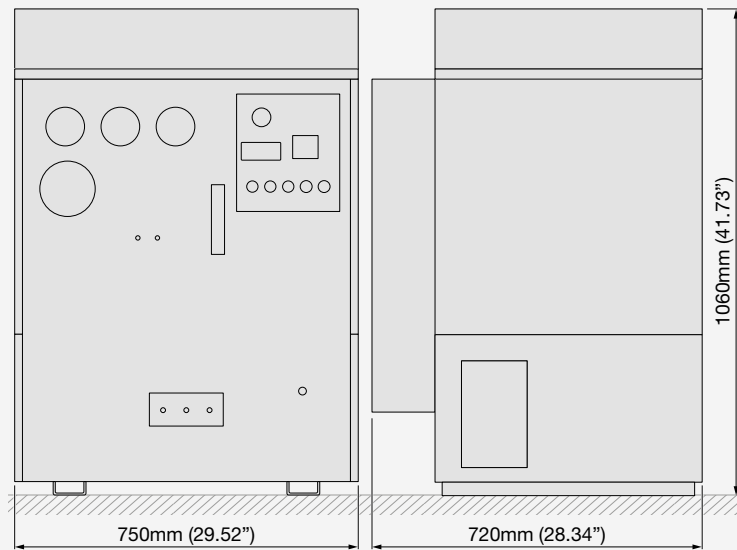


Remote filling panels
(Pag. 64-65)

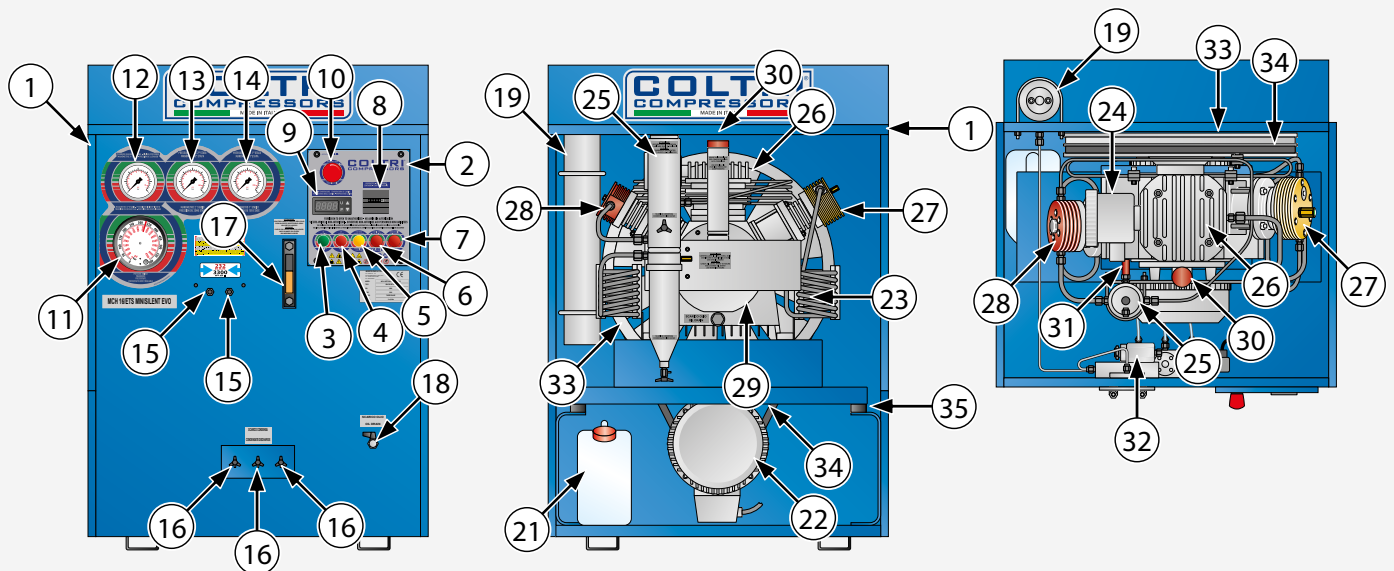


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | | |
|---|--|--------------------------------------|
| 1 Frame | 11 Automatic shutdown pressure switch | 23 Compressor |
| 2 Control pannel | 12 3rd stage pressure gauge | 24 Air filter |
| 3 ON pushbutton | 13 2nd stage pressure gauge | 25 Final condensate separator |
| 4 Stop pushbutton | 14 1st stage pressure gauge | 26 1st stage |
| 5 Condensate discharge pushbutton | 15 Refill hoses connection | 27 2nd stage |
| 6 Oil level warning light | 16 Condensate discharge valves | 28 3rd stage |
| 7 Direction of rotation indicator light | 17 Oil level | 29 Monobloc |
| 8 Hour counter | 18 Oil discharge valves | 30 Oil filler plug |
| 9 Cabinet interior / cooling air temperature | 19 Purifier filter | 31 Safety valve |
| 10 Emergency pushbutton | 20 Intake extension hole | 32 Maintenance valve |
| | 21 Condensate collection can | 33 Cooling fan |
| | 22 Motor | 34 Belt |
| | | 35 Anti-vibration device |

SUPER SILENT EVO

LINE: EFFICIENT



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

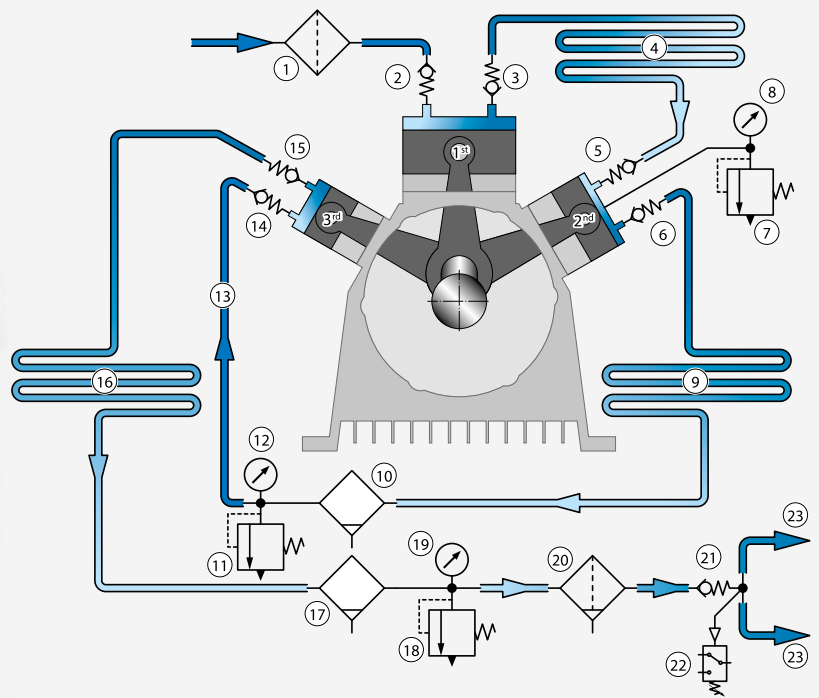
DESCRIPTION

The SUPER SILENT EVO model stands out for how little noise it makes. It was designed by Coltri to meet specific needs such as ease of use, soundproofing and control systems that allow the actions of the compressor to be effectively monitored. Standard equipment includes: two connections for high pressure hoses (from 232 to 330 bar), an interstage pressure gauge, oil level and internal cabin temperature control, rotation detector, three-phase electric motor, automatic condensate drain and autostop. It is available with the new pumping units MCH 13, MCH 16 or MCH 18, depending on the specific model.



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16-18 SUPER SILENT EVO PUMPING UNIT



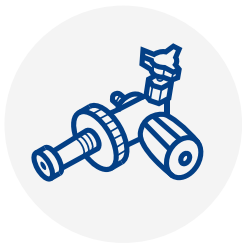
- | | | |
|------------------------------|--|-------------------------------|
| 1 Intake filter | 9 Cooling pipe 2nd/condensate separator LP | 16 Aftercooler |
| 2 Intake valve 1st stage | 10 Condensate separator LP | 17 Condensate separator HP |
| 3 Outlet valve 1st stage | 11 Safety valve 2nd stage | 18 Safety valve |
| 4 Cooling pipe 1st-2nd stage | 12 2nd stage pressure gauge | 19 Pressure gauge |
| 5 Intake valve 2nd stage | 13 Pipe separator/3rd stage | 20 Purifier filter |
| 6 Outlet valve 2nd stage | 14 Intake valve 3rd stage | 21 Pressure maintenance valve |
| 7 Safety valve 1st stage | 15 Outlet valve 3rd stage | 22 Pressure switch |
| 8 1st stage pressure gauge | | 23 Flex hoses |

TECHNICAL DATA

	MCH 13	MCH 16	MCH 18
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m³/h 8.3 CFM FAD	315 l/min - 18.9 m³/h 11.1 CFM FAD	330 l/min - 19.8 m³/h 11.65 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	6 min.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	225 kg - 496 lb	235 kg - 518 lb	235 kg - 518 lb
NOISE	66.2 dB	68.8 dB	69.8 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



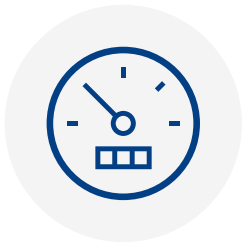
Filling hoses
2 filling hoses 1.2 m - 3.9 ft length



Automatic condensate drain



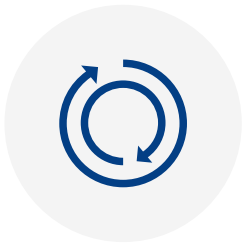
Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Maxifilter
Filtration
(Pag. 66)

OPTIONAL



Dryer
LP RF 500
HP RF 1000
(Pag. 54)

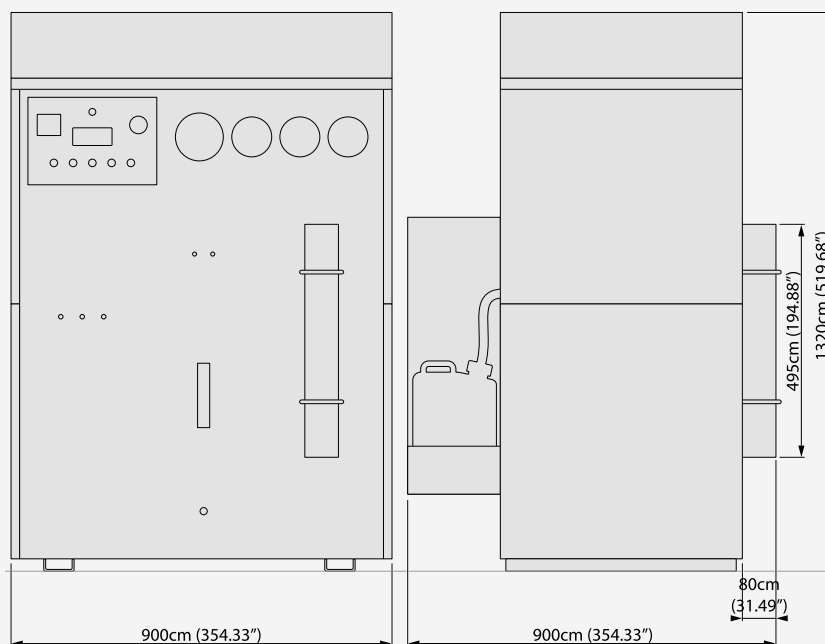


Remote filling panels
(Pag. 64-65)

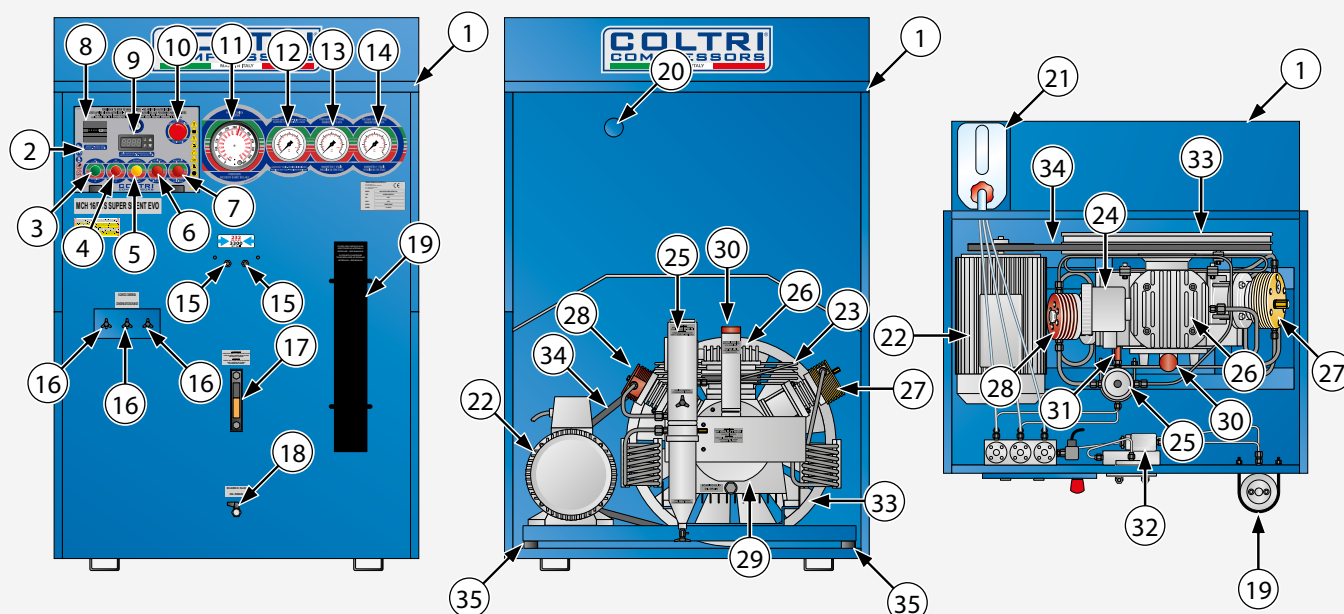


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | | |
|---|---------------------------------------|--------------------------------------|
| 1 Frame | 12 3rd stage pressure gauge | 25 Final condensate separator |
| 2 Control pannel | 13 2nd stage pressure gauge | 26 1st stage |
| 3 ON pushbutton | 14 1st stage pressure gauge | 27 2nd stage |
| 4 Stop pushbutton | 15 Refill hoses connection | 28 3rd stage |
| 5 Condensate discharge pushbutton | 16 Condensate discharge valves | 29 Monobloc |
| 6 Oil level warning light | 17 Oil level | 30 Oil filler plug |
| 7 Direction of rotation indicator light | 18 Oil discharge valves | 31 Safety valve |
| 8 Hour counter | 19 Purifier filter | 32 Maintenance valve |
| 9 Cabinet interior / cooling air temperature | 20 Intake extension hole | 33 Cooling fan |
| 10 Emergency pushbutton | 21 Condensate collection can | 34 Belt |
| 11 Automatic shutdown pressure switch | 22 Motor | 35 Anti-vibration device |
| | 23 Compressor | |
| | 24 Air filter | |

TECH

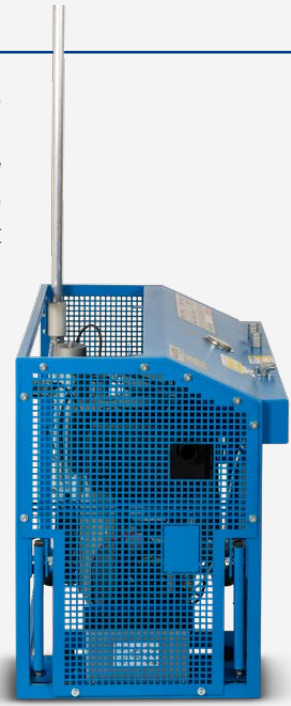
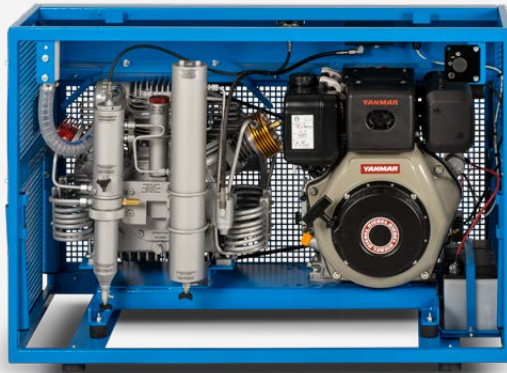
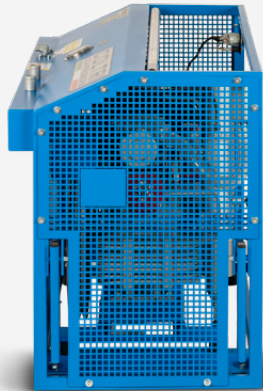
LINE: EFFICIENT



MCH 16 DY DIESEL YANMAR

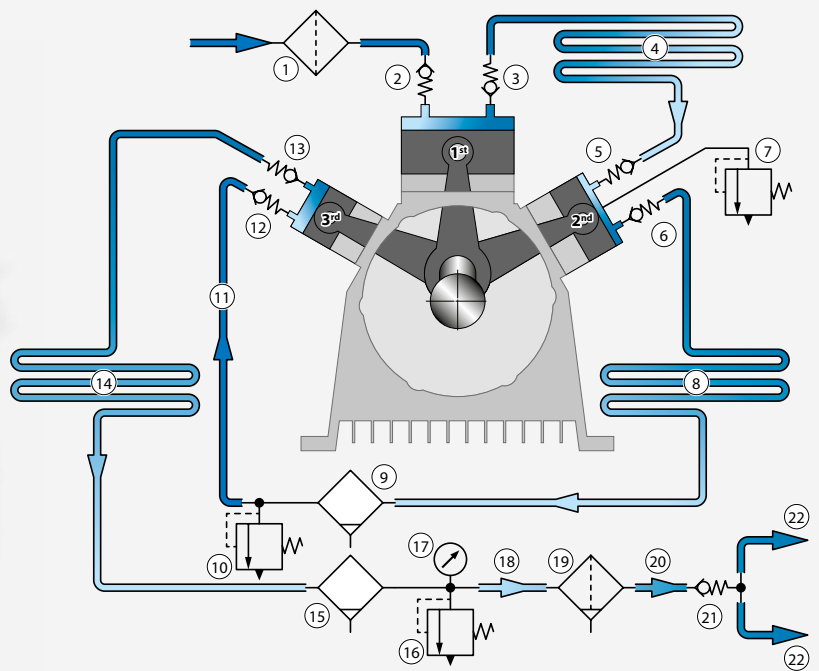
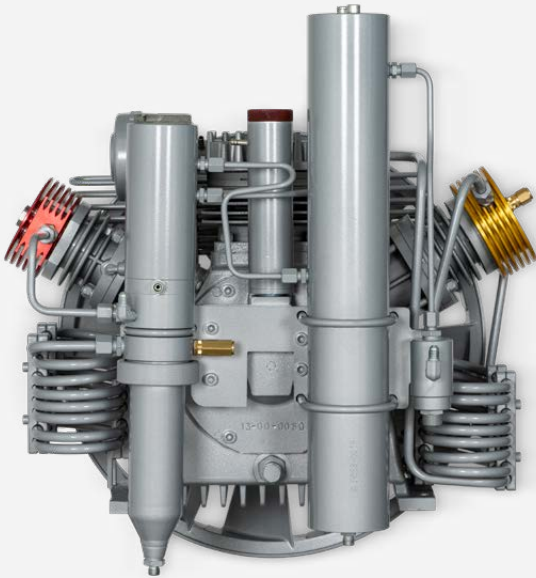
DESCRIPTION

The TECH Coltri breathable air compressor is ideal for intensive professional use and at the same time excellent to move around. It is equipped with 2 connections for high pressure hoses (from 232 to 330 bar), a Yanmar diesel engine and the robust MCH 16 STANDARD pumping unit. This compressor is particularly suitable for diving centres, paintball fields and undersea construction companies which need to change site frequently, yet also need excellent performance and fast filling times. The robust frame provides excellent protection for the equipment.



MCH 16 DY DIESEL YANMAR

MCH 16 STANDARD PUMPING UNIT



- | | | | |
|----|--|----|---|
| 1 | Intake filter | 12 | Intake valve 3rd stage |
| 2 | Intake valve 1st stage | 13 | Outlet valve 3rd stage |
| 3 | Outlet valve 1st stage | 14 | Aftercooler |
| 4 | Cooling pipe 1st-2nd stage | 15 | Condensate separator HP |
| 5 | Intake valve 2nd stage | 16 | Safety valve |
| 6 | Outlet valve 2nd stage | 17 | Pressure gauge |
| 7 | Safety valve 1st stage | 18 | Pipe separator/filter |
| 8 | Cooling pipe 2nd/condensate separator LP | 19 | Purifier filter |
| 9 | Condensate separator LP | 20 | Pipe filter/ pressure maintenance valve |
| 10 | Safety valve 2nd stage | 21 | Pressure maintenance valve |
| 11 | Pipe separator/3rd stage | 22 | Flex hoses |

TECHNICAL DATA

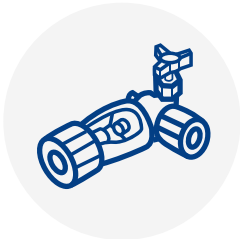
MCH 16 DY	
DRIVEN BY	DIESEL YANMAR L 100
CHARGING RATE	315 l/min - 18.9 m³/h - 11.1 CFM FAD
FILLING TIME*	6 min. 20 sec
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	158 kg - 348 lb
NOISE	95.6 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)

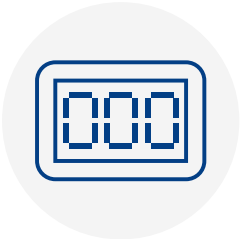


Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Maxifilter
Filtration
(Pag. 66)

OPTIONAL



Digital hour meter

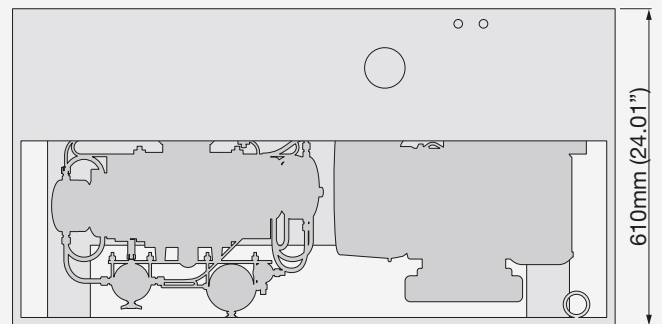
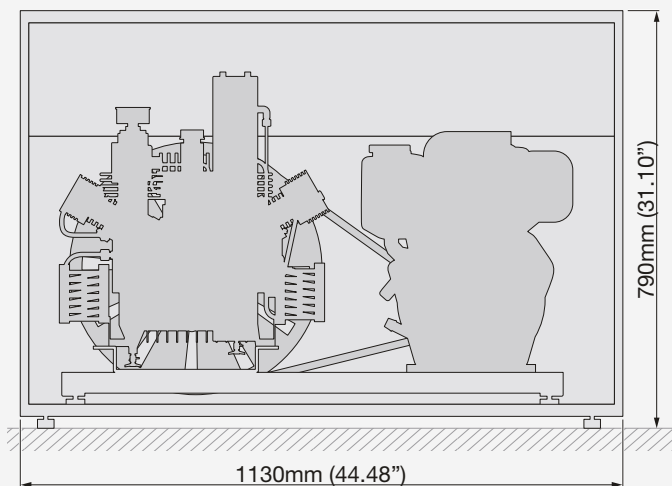


Remote filling panels
(Pag. 64-65)

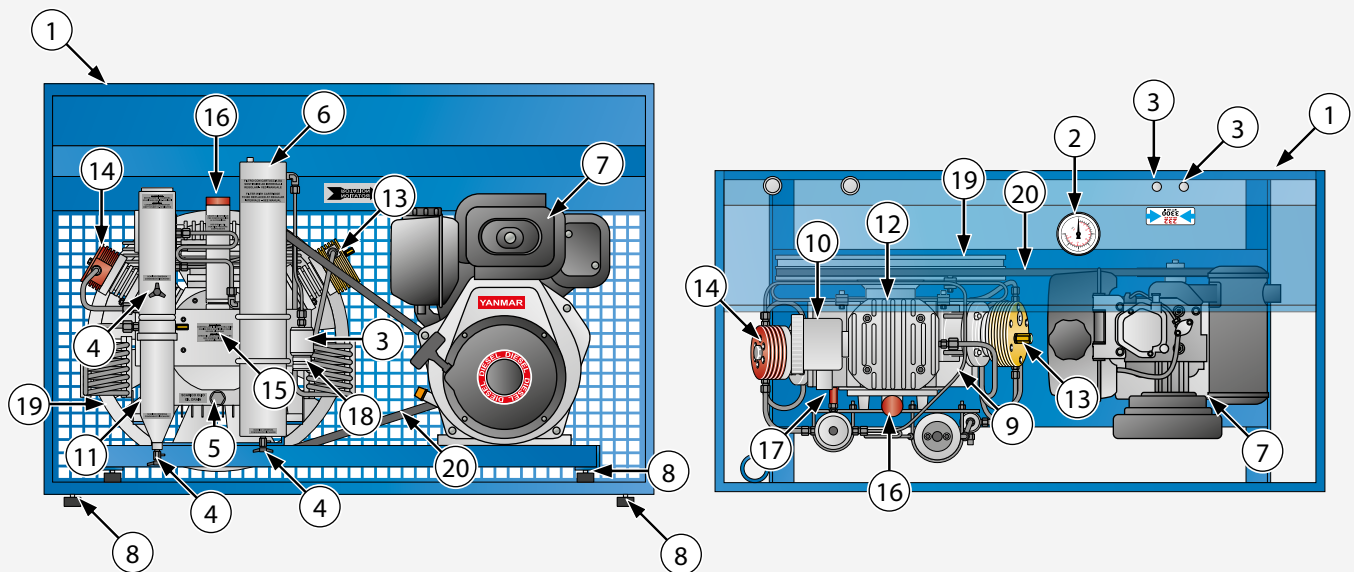


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | |
|-------------------------------|-------------------------|
| 1 Frame | 11 Condensate separator |
| 2 Pressure gauge | 12 1st stage |
| 3 Refill hoses connection | 13 2nd stage |
| 4 Condensate discharge valves | 14 3rd stage |
| 5 Oil discharge valves | 15 Monobloc |
| 6 Purifier filter | 16 Oil filler plug |
| 7 Engine | 17 Safety valve |
| 8 Anti-vibration device | 18 Maintenance valve |
| 9 Compressor | 19 Cooling fan |
| 10 Air filter | 20 Belt |

ERGO PETROL

LINE: EFFICIENT



MCH 16 SH HONDA

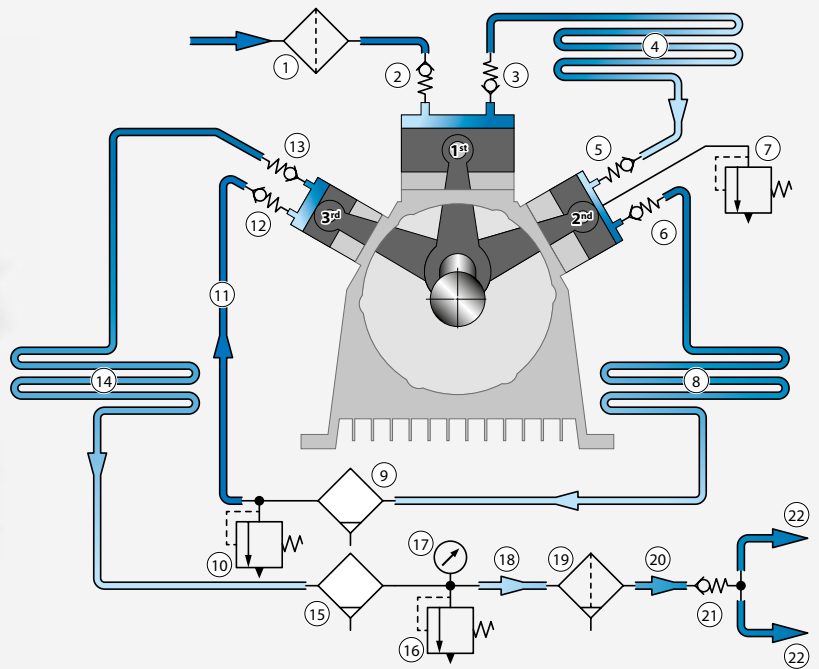
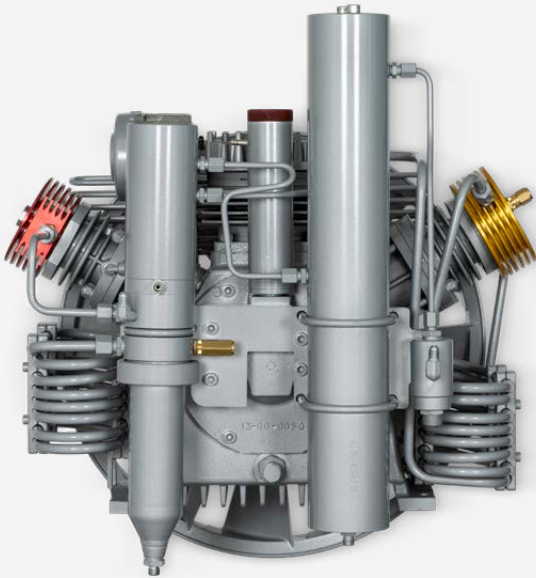
DESCRIPTION

The latest model to join the Efficient line, the Coltri ERGO PETROL Breathing Air Compressor is an excellent choice for those who need an easy to use, versatile and portable compressor. It is equipped with 2 front filling connections for high pressure hoses (from 232 to 330 bar), a Honda petrol engine and the robust MCH 16 STANDARD pumping unit. The ergonomic frame cools the equipment perfectly by means of its composite casing. The remote filling panel is available as an optional extra.



MCH 16 SH HONDA

MCH 16 STANDARD PUMPING UNIT



- | | |
|--|--|
| 1 Intake filter | 12 Intake valve 3rd stage |
| 2 Intake valve 1st stage | 13 Outlet valve 3rd stage |
| 3 Outlet valve 1st stage | 14 Aftercooler |
| 4 Cooling pipe 1st-2nd stage | 15 Condensate separator HP |
| 5 Intake valve 2nd stage | 16 Safety valve |
| 6 Outlet valve 2nd stage | 17 Pressure gauge |
| 7 Safety valve 1st stage | 18 Pipe separator/filter |
| 8 Cooling pipe 2nd/condensate separator LP | 19 Purifier filter |
| 9 Condensate separator LP | 20 Pipe filter/ pressure maintenance valve |
| 10 Safety valve 2nd stage | 21 Pressure maintenance valve |
| 11 Pipe separator/3rd stage | 22 Flex hoses |

TECHNICAL DATA

MCH 16 SH	
DRIVEN BY	HONDA PETROL ENGINE
CHARGING RATE	315 l/min - 18.9 m³/h - 11.1 CFM FAD
FILLING TIME*	6 min. 20 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	121 kg - 267 lb
NOISE	95.6 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Maxifilter
Filtration
(Pag. 66)

OPTIONAL

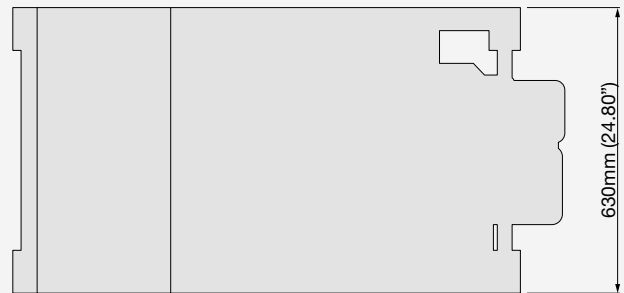
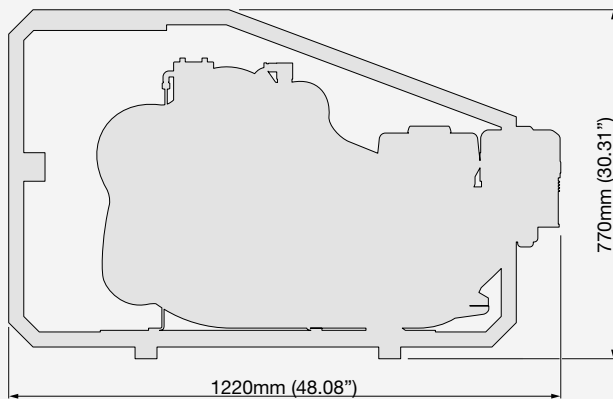


Remote filling panels
(Pag. 64-65)

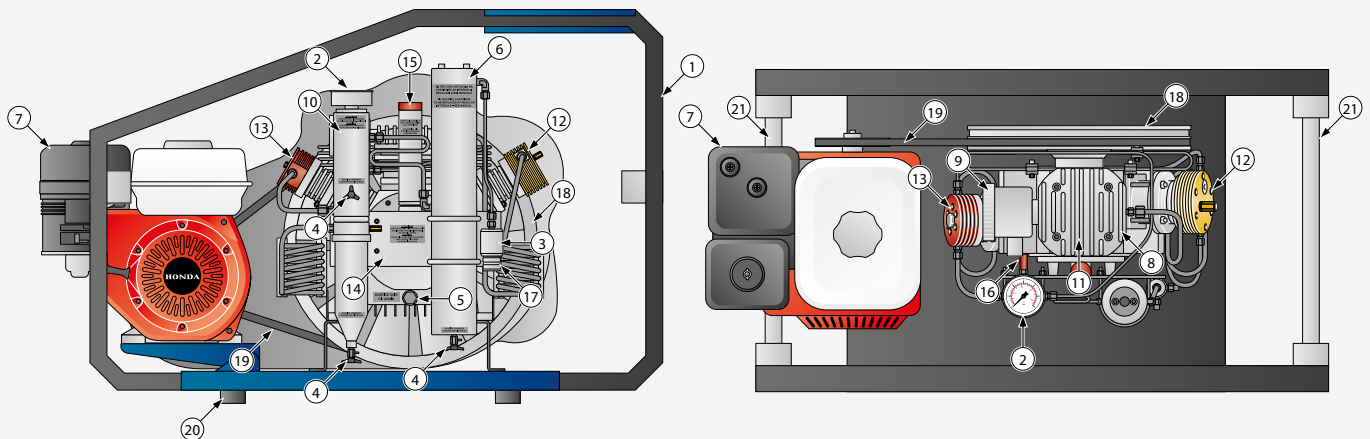


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | | |
|-------------------------------|-------------------------|--------------------------|
| 1 Frame | 8 Compressor | 15 Oil filler plug |
| 2 Pressure gauge | 9 Air filter | 16 Safety valve |
| 3 Refill hoses connection | 10 Condensate separator | 17 Maintenance valve |
| 4 Condensate discharge valves | 11 1st stage | 18 Cooling fan |
| 5 Oil discharge valves | 12 2nd stage | 19 Belt |
| 6 Purifier filter | 13 3rd stage | 20 Anti-vibration device |
| 7 Internal combustion engine | 14 Monobloc | 21 Handles |

ERGO

LINE: EFFICIENT



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

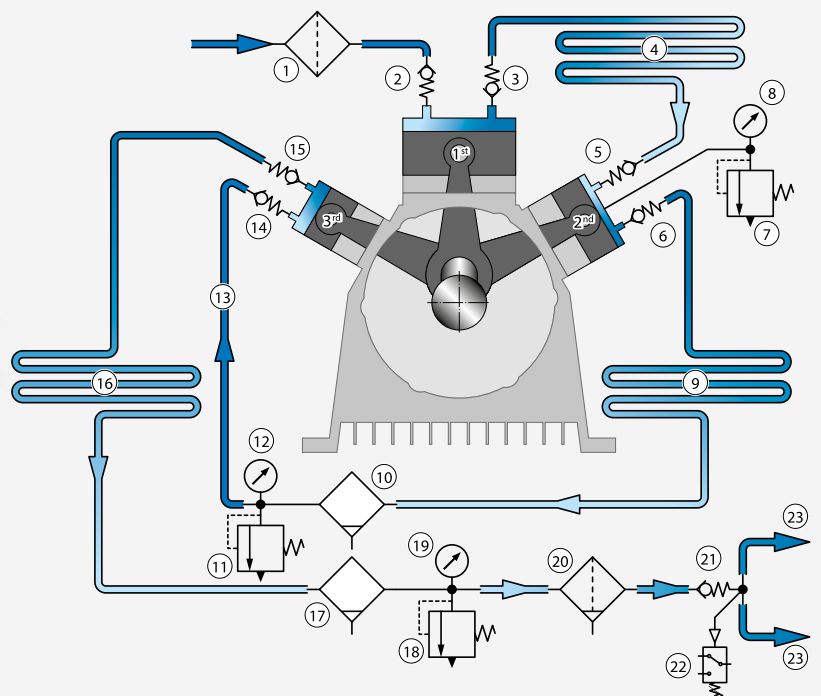
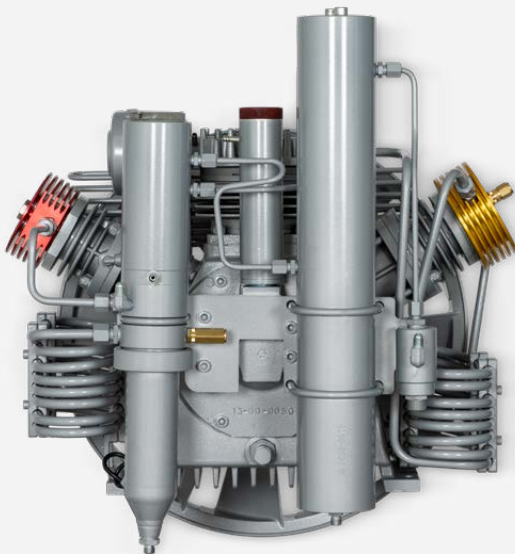
DESCRIPTION

The ERGO model stands out for its robustness, portability and great efficiency. Equipped with three different pumping units (MCH 13, MCH 16, or MCH 18 depending on the specific model) and powered by three-phase electric motors. Each ERGO compressor has a monitoring system panel that includes an interstage pressure gauge, autostop with adjustable pressure switch, automatic condensate drain and a phase control for rotation direction. The models in this series have two connections for high pressure hoses (from 232 to 330 bar) and a Maxifilter system. The remote filling panel is available as an optional extra.



MCH 13 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16-18 ERGO PUMPING UNIT



- | | | |
|------------------------------|--|-------------------------------|
| 1 Intake filter | 9 Cooling pipe 2nd/condensate separator LP | 16 Aftercooler |
| 2 Intake valve 1st stage | 10 Condensate separator LP | 17 Condensate separator HP |
| 3 Outlet valve 1st stage | 11 Safety valve 2nd stage | 18 Safety valve |
| 4 Cooling pipe 1st-2nd stage | 12 2nd stage pressure gauge | 19 Pressure gauge |
| 5 Intake valve 2nd stage | 13 Pipe separator/3rd stage | 20 Purifier filter |
| 6 Outlet valve 2nd stage | 14 Intake valve 3rd stage | 21 Pressure maintenance valve |
| 7 Safety valve 1st stage | 15 Outlet valve 3rd stage | 22 Pressure switch |
| 8 1st stage pressure gauge | | 23 Flex hoses |

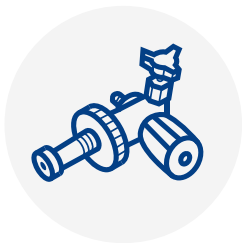
TECHNICAL DATA

	MCH 13	MCH 16	MCH 16	MCH 18
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	SINGLE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m³/h 8.3 CFM FAD	315 l/min - 18.9 m³/h 11.1 CFM FAD	315 l/min - 18.9 m³/h 11.1 CFM FAD	330 l/min - 19.8 m³/h 11.65 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	6 min. 20 sec.	6 min.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	159 kg - 350 lb	147 kg - 324 lb	152 kg - 335 lb	169 kg - 372 lb
NOISE	80.7 dB	82.3 dB	82.3 dB	82.3 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

Available on request: MCH 13 SINGLE-PHASE ELECTRIC MOTOR / MCH 18 SINGLE-PHASE ELECTRIC MOTOR.

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Maxifilter
Filtration
(Pag. 66)

OPTIONAL

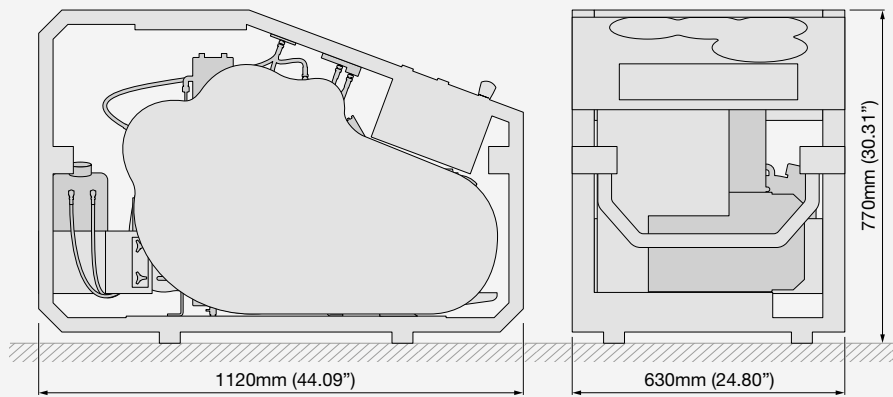


Remote filling panels
(Pag. 64-65)

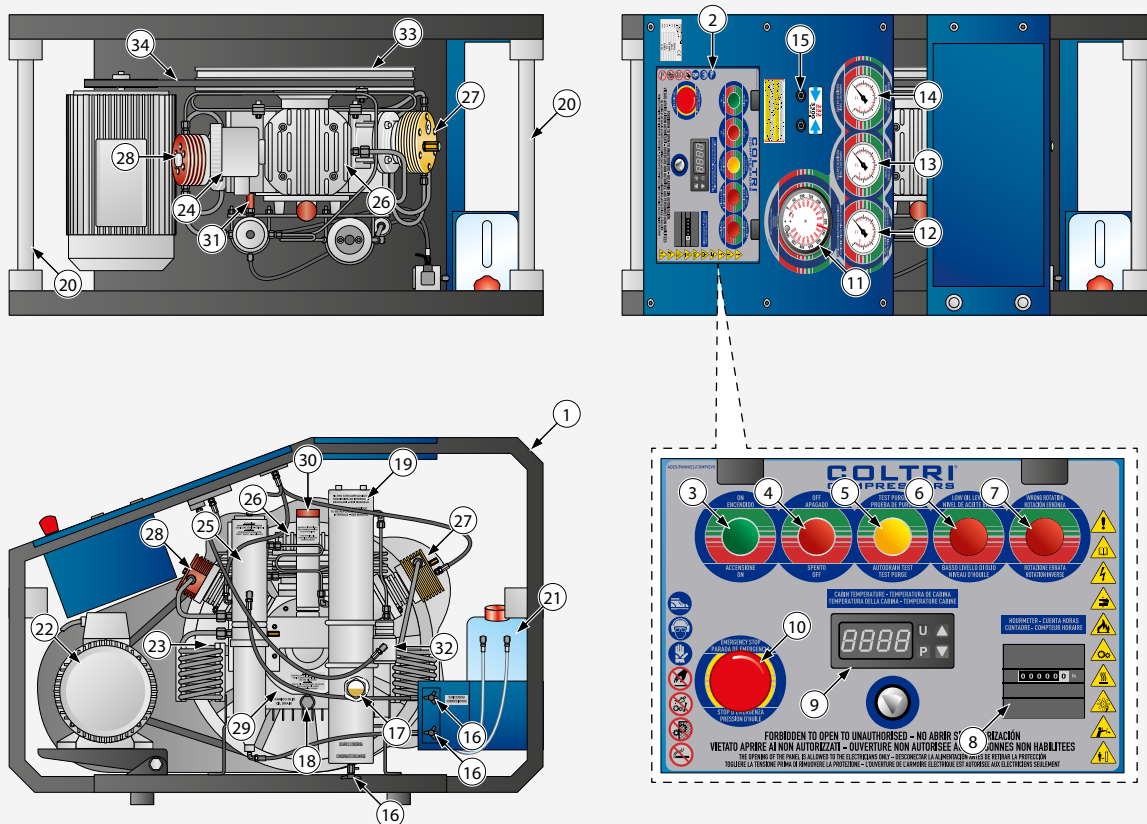


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | | |
|--|--------------------------------|-------------------------------|
| 1 Frame | 13 2nd stage pressure gauge | 25 Final condensate separator |
| 2 Control pannel | 14 1st stage pressure gauge | 26 1st stage |
| 3 ON pushbutton | 15 Refill hoses connection | 27 2nd stage |
| 4 Stop pushbutton | 16 Condensate discharge valves | 28 3rd stage |
| 5 Condensate discharge pushbutton | 17 Oil level | 29 Monobloc |
| 6 Oil level warning light | 18 Oil discharge valves | 30 Oil filler plug |
| 7 Direction of rotation indicator light | 19 Purifier filter | 31 Safety valve |
| 8 Hour counter | 20 Handles | 32 Maintenance valve |
| 9 Cabinet interior / cooling air temperature | 21 Condensate collection can | 33 Cooling fan |
| 10 Emergency pushbutton | 22 Motor | 34 Belt |
| 11 Automatic shutdown pressure switch | 23 Compressor | |
| 12 3rd stage pressure gauge | 24 Air filter | |

ERGO TPS

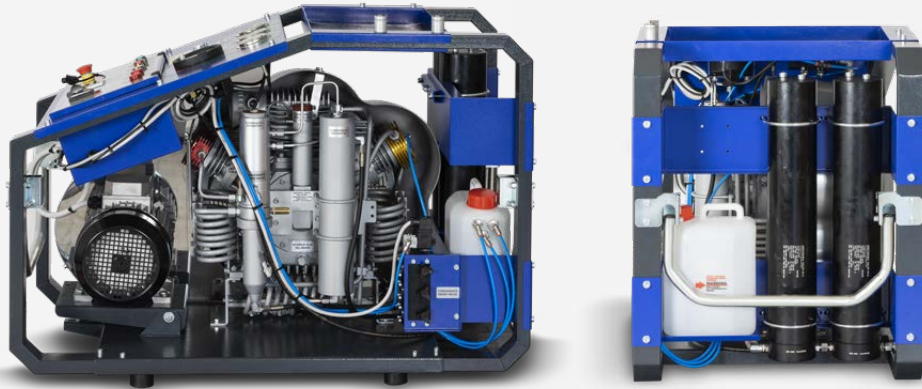
LINE: PRIME



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

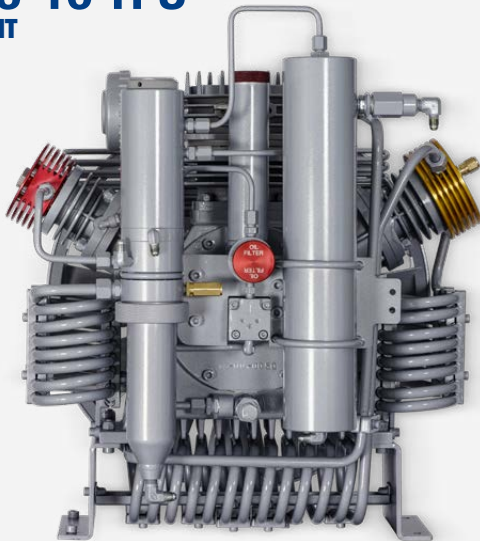
DESCRIPTION

Compactness, performance, robustness and portability are the main features of the ERGO TPS breathing air compressors. Equipped with four different pumping units (MCH 13, MCH 16, MCH 21 and MCH 23), all with TPS (Tropical Plus Superdry) and powered by three-phase electric motors. Each ERGO compressor has a monitoring system panel that includes a pressure gauge, autostop with adjustable pressure switch, automatic condensate drain and a phase control for rotation direction. The models of this series have two connections for high pressure hoses (from 232 to 330 bar) and an improved filtering system with two Hyperfilters.

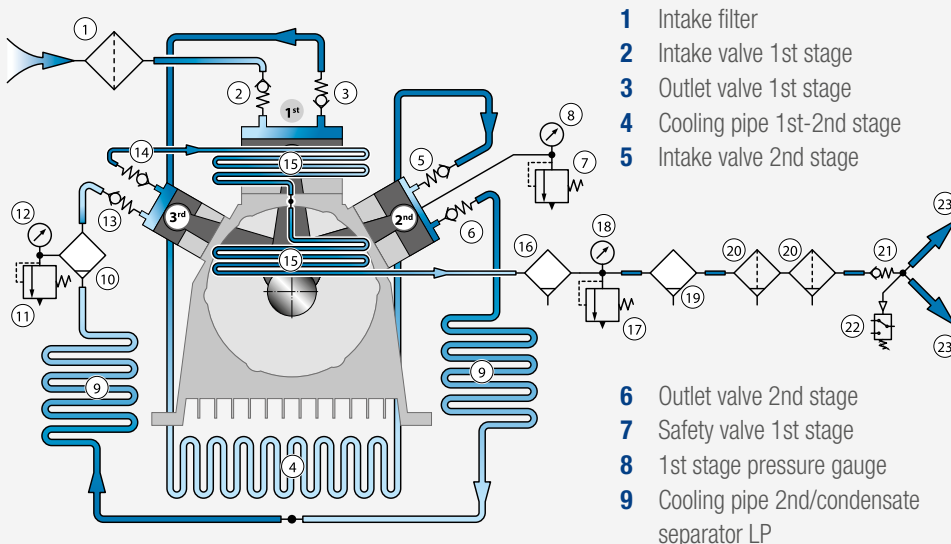
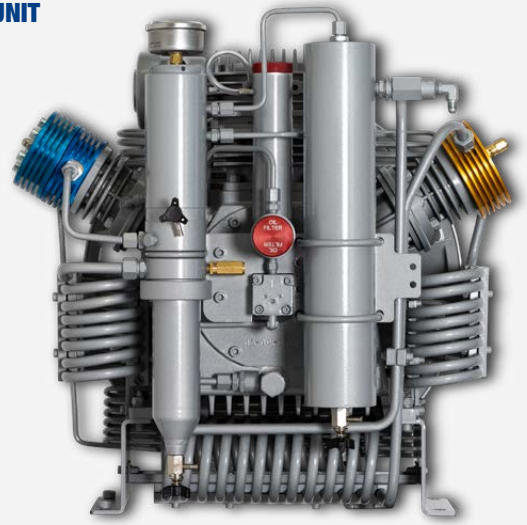


MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16 TPS PUMPING UNIT



MCH 21-23 TPS PUMPING UNIT



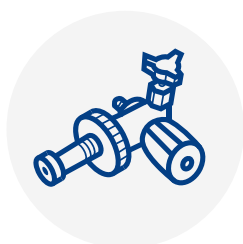
- | | |
|--|--|
| 1 Intake filter | 10 Condensate separator LP |
| 2 Intake valve 1st stage | 11 Safety valve 2nd stage |
| 3 Outlet valve 1st stage | 12 2nd stage pressure gauge |
| 4 Cooling pipe 1st-2nd stage | 13 Intake valve 3rd stage |
| 5 Intake valve 2nd stage | 14 Outlet valve 3rd stage |
| | 15 Aftercooler |
| | 16 Condensate separator HP |
| | 17 Safety valve |
| | 18 Pressure gauge |
| | 19 Condensate separator HP High efficiency |
| 6 Outlet valve 2nd stage | 20 Purifier filter |
| 7 Safety valve 1st stage | 21 Pressure maintenance valve |
| 8 1st stage pressure gauge | 22 Pressure switch |
| 9 Cooling pipe 2nd/condensate separator LP | 23 Flex hoses |

TECHNICAL DATA

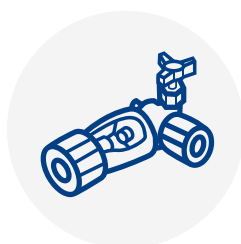
	MCH 13	MCH 16	MCH 21	MCH 23
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m³/h 8.3 CFM FAD	315 l/min - 18.9 m³/h 11.1 CFM FAD	345 l/min - 20.7 m³/h 12.2 CFM FAD	380 l/min - 22.8 m³/h 13.4 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	5 min. 40 sec.	5 min. 10 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	174 kg - 384 lb	184 kg - 406 lb	184 kg - 406 lb	184 kg - 406 lb
NOISE	80.7 dB	82.3 dB	83 dB	83 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

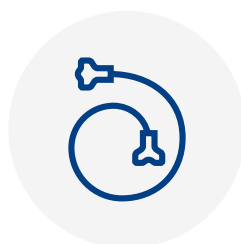
STANDARD



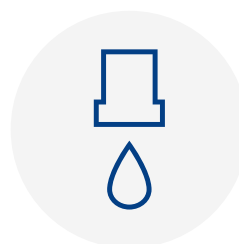
BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC (Pag. 65)



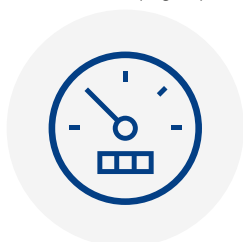
Filling hoses
2 filling hoses 1.2 m - 3.9 ft length



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off

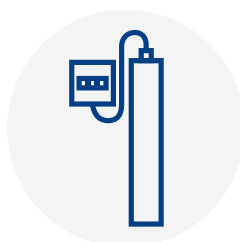


Double hyperfilter filtration
PED certificated
(Pag. 67)



Oil pump

OPTIONAL



Presec
visual filtration saturation indicator
(Pag. 55)

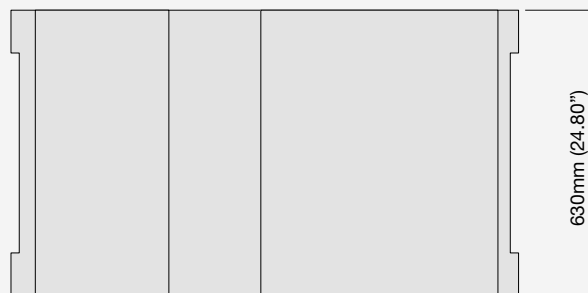
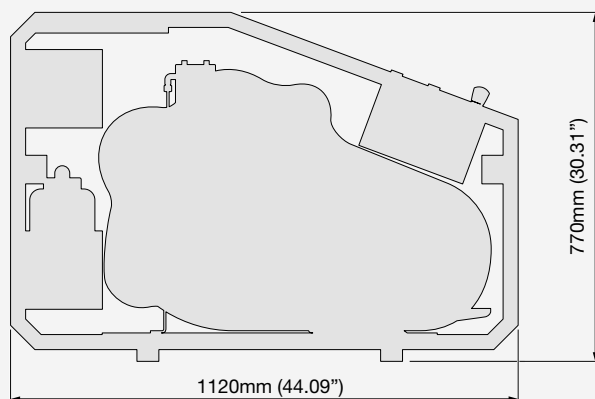


Remote filling panels
(Pag. 64-65)

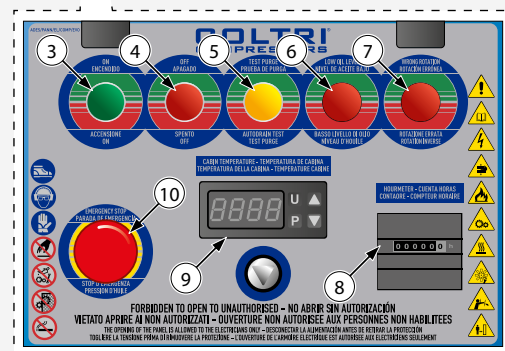
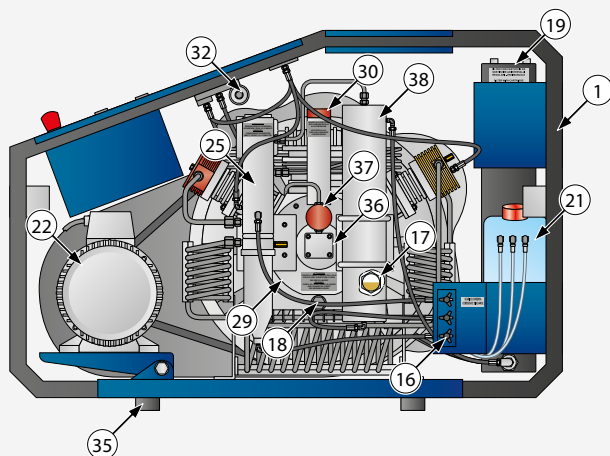
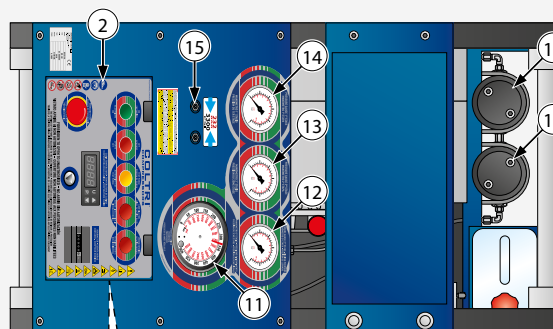
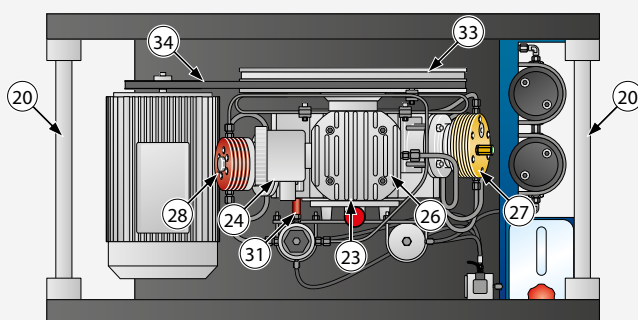


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | | |
|--|--------------------------------|----------------------------|
| 1 Frame | 14 1st stage pressure gauge | 27 2nd stage |
| 2 Control pannel | 15 Refill hoses connection | 28 3rd stage |
| 3 ON pushbutton | 16 Condensate discharge valves | 29 Monobloc |
| 4 Stop pushbutton | 17 Oil level | 30 Oil filler plug |
| 5 Condensate discharge pushbutton | 18 Oil discharge valves | 31 Safety valve |
| 6 Oil level warning light | 19 Purifier filter | 32 Maintenance valve |
| 7 Direction of rotation indicator light | 20 Handles | 33 Cooling fan |
| 8 Hour counter | 21 Condensate collection can | 34 Belt |
| 9 Cabinet interior / cooling air temperature | 22 Motor | 35 Anti-vibration device |
| 10 Emergency pushbutton | 23 Compressor | 36 Oil pump |
| 11 Automatic shutdown pressure switch | 24 Air filter | 37 Oil filter |
| 12 3rd stage pressure gauge | 25 Condensate separator | 38 HP condensate separator |
| 13 2nd stage pressure gauge | 26 1st stage | |

MARK 3

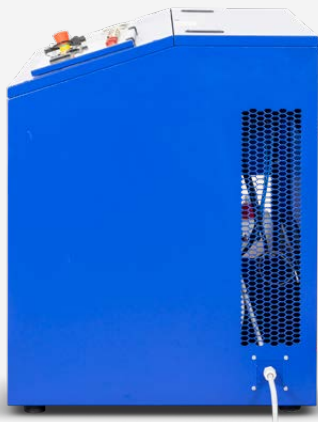
LINE: PRIME



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

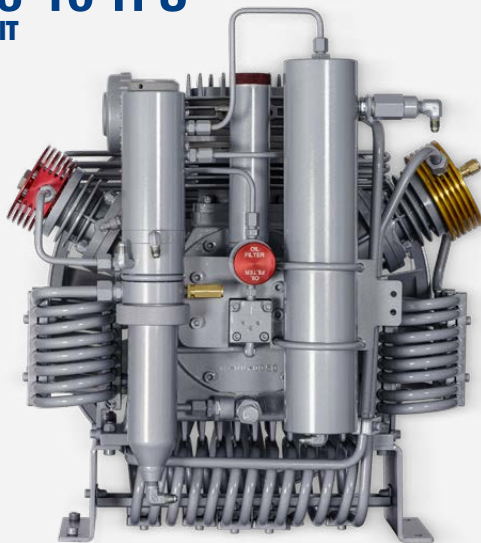
DESCRIPTION

The MARK 3 series is a series of breathing air compressors without a single compromise, for intensive use in warm, poorly ventilated or tropical environments. Designed with a larger cooling system as well as a filter system with two Hyperfilters, this series is powered by a three-phase electric motor, equipped with four different pumping units (MCH 13, MCH 16, MCH 21 and MCH 23), all with TPS (Tropical Plus Superdry) and available with an operation monitoring system and electrical display to automatically shutdown the compressor.

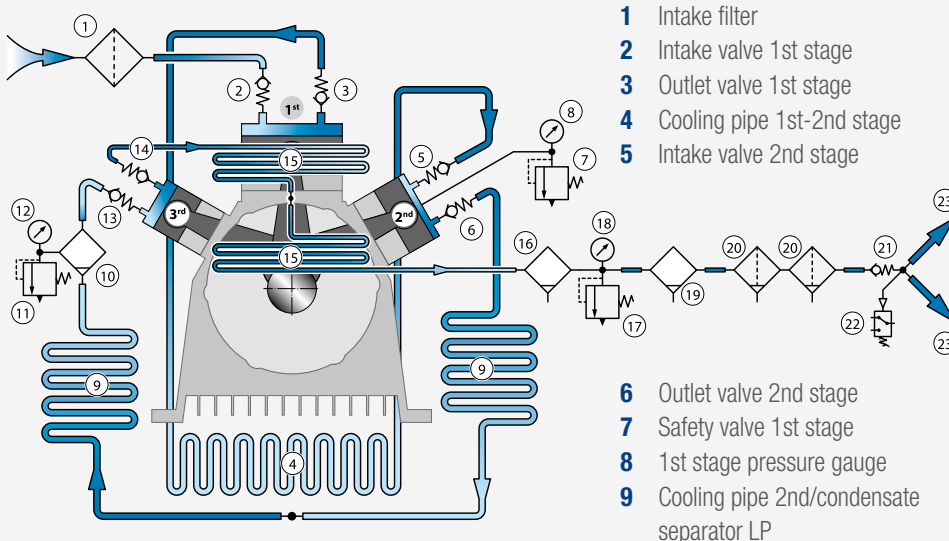
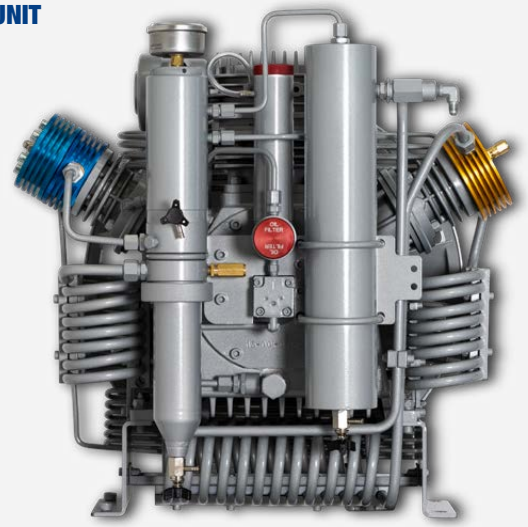


MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16 TPS PUMPING UNIT



MCH 21-23 TPS PUMPING UNIT



TECHNICAL DATA

	MCH 13	MCH 16	MCH 21	MCH 23
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m³/h 8.3 CFM FAD	315 l/min - 18.9 m³/h 11.1 CFM FAD	345 l/min - 20.7 m³/h 12.2 CFM FAD	380 l/min - 22.8 m³/h 13.4 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	5 min. 40 sec.	5 min. 10 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	181 kg - 399 lb	191 kg - 421 lb	191 kg - 421 lb	191 kg - 421 lb
NOISE	75 dB	76 dB	76 dB	76 dB

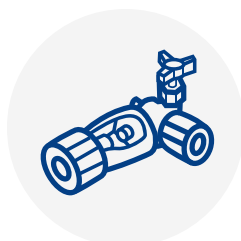
*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

Available on request: MCH 13 SINGLE-PHASE ELECTRIC MOTOR / MCH 16 SINGLE-PHASE ELECTRIC MOTOR.

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC (Pag. 65)



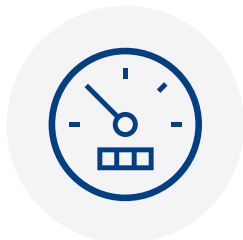
Filling hoses
2 filling hoses 1.2 m - 3.9 ft length



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off

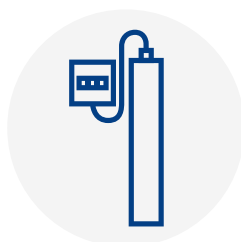


Double hyperfilter filtration
PED certificated
(Pag. 67)



Oil pump

OPTIONAL



Presec
visual filtration saturation indicator
(Pag. 55)

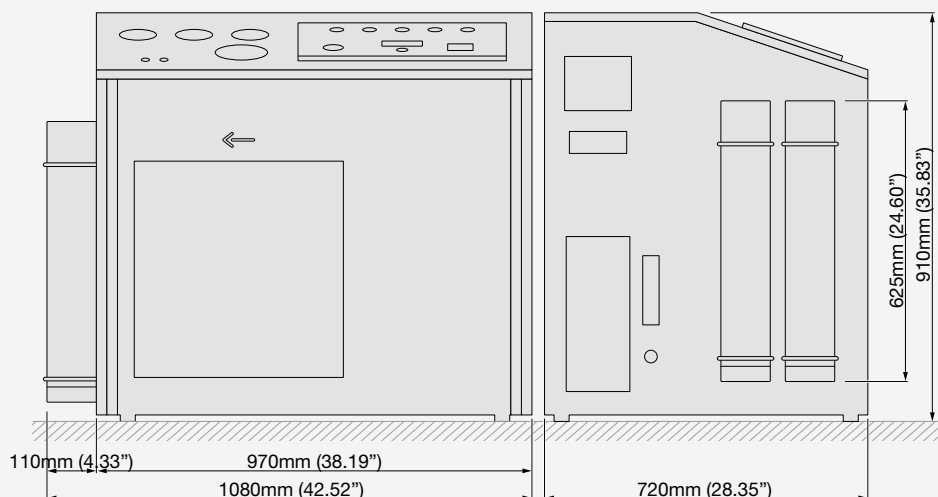


Remote filling panels
(Pag. 64-65)

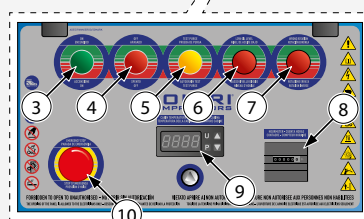
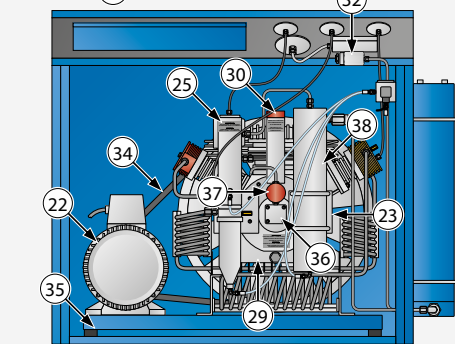
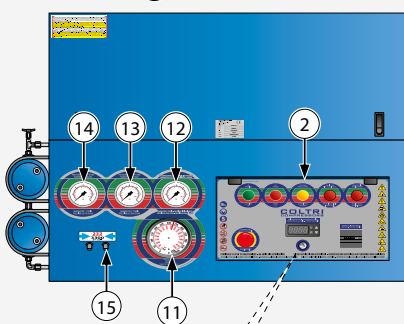
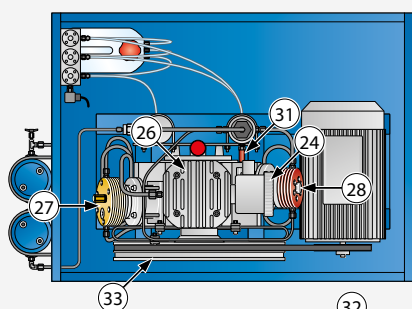
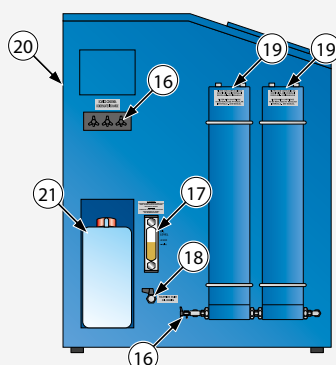
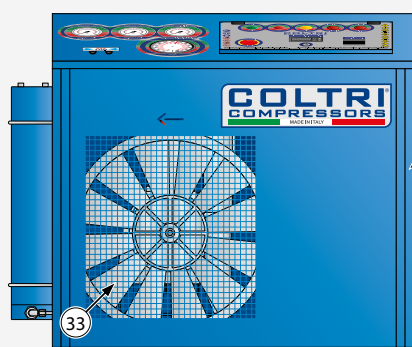


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- 1 Frame
- 2 Control panel
- 3 ON pushbutton
- 4 Stop pushbutton
- 5 Condensate discharge pushbutton
- 6 Oil level warning light
- 7 Direction of rotation indicator light
- 8 Hour counter
- 9 Cabinet interior / cooling air temperature
- 10 Emergency pushbutton
- 11 Automatic shutdown pressure switch
- 12 3rd stage pressure gauge
- 13 2nd stage pressure gauge
- 14 1st stage pressure gauge
- 15 Refill hoses connection
- 16 Condensate discharge valves
- 17 Oil level
- 18 Oil discharge valves
- 19 Purifier filter
- 20 Intake extension hole
- 21 Condensate collection can
- 22 Motor
- 23 Compressor
- 24 Air filter
- 25 Condensate separator
- 26 1st stage
- 27 2nd stage
- 28 3rd stage
- 29 Monobloc
- 30 Oil filler plug
- 31 Safety valve
- 32 Maintenance valve
- 33 Cooling fan
- 34 Belt
- 35 Anti-vibration device
- 36 Oil pump
- 37 Oil filter
- 38 HP condensate separator

SUPER SILENT TPS

LINE: PRIME



MCH 23 ET THREE-PHASE ELECTRIC MOTOR

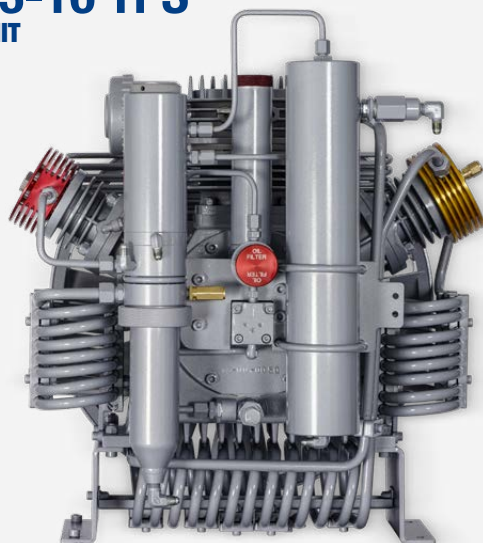
DESCRIPTION

The SUPER SILENT TPS model stands out for being extremely silent. It has been designed with a larger cooling and soundproofing system as well as a powerful filtering system with two Hyperfilters. Powered by a three-phase electric motor, it is equipped with four different pumping units (MCH 13, MCH 16, MCH 21 and MCH 23), all with TPS (Tropical Plus Superdry) and available with an exclusive control panel. In order to prolong the life of the filters external dryers, RF 500 and RF 1000, can be added.

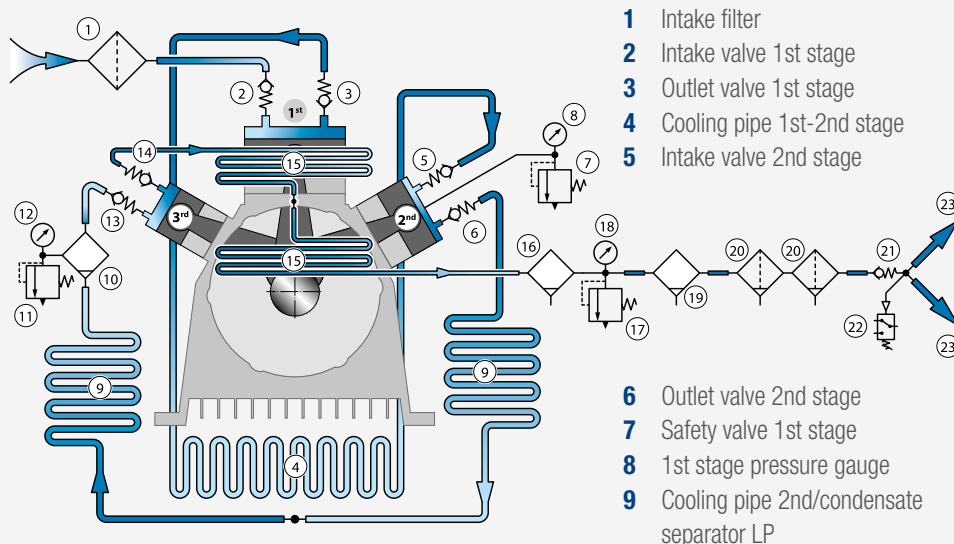
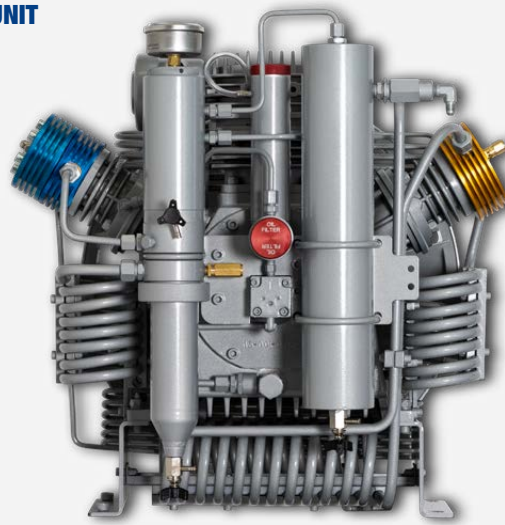


MCH 23 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16 TPS PUMPING UNIT



MCH 21-23 TPS PUMPING UNIT



- | | |
|--|--|
| 1 Intake filter | 10 Condensate separator LP |
| 2 Intake valve 1st stage | 11 Safety valve 2nd stage |
| 3 Outlet valve 1st stage | 12 2nd stage pressure gauge |
| 4 Cooling pipe 1st-2nd stage | 13 Intake valve 3rd stage |
| 5 Intake valve 2nd stage | 14 Outlet valve 3rd stage |
| | 15 Aftercooler |
| | 16 Condensate separator HP |
| | 17 Safety valve |
| | 18 Pressure gauge |
| | 19 Condensate separator HP High efficiency |
| 6 Outlet valve 2nd stage | 20 Purifier filter |
| 7 Safety valve 1st stage | 21 Pressure maintenance valve |
| 8 1st stage pressure gauge | 22 Pressure switch |
| 9 Cooling pipe 2nd/condensate separator LP | 23 Flex hoses |

TECHNICAL DATA

	MCH 13	MCH 16	MCH 21	MCH 23
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m³/h 8.3 CFM FAD	315 l/min - 18.9 m³/h 11.1 CFM FAD	345 l/min - 20.7 m³/h 12.2 CFM FAD	380 l/min - 22.8 m³/h 13.4 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	5 min. 40 sec.	5 min. 10 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	212 kg - 467 lb	222 kg - 489 lb	222 kg - 489 lb	222 kg - 489 lb
NOISE	66 dB	68 dB	68 dB	68 dB

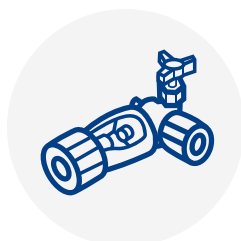
*Filling time cylinder 10 l-O/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

Available on request: MCH 13 SINGLE-PHASE ELECTRIC MOTOR / MCH 16 SINGLE-PHASE ELECTRIC MOTOR.

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC (Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft length



Automatic condensate drain



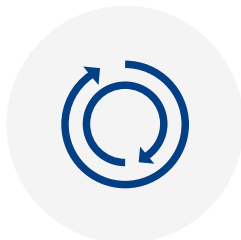
Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off

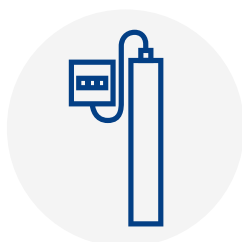


Double hyperfilter filtration
PED certificated
(Pag. 67)



Oil pump

OPTIONAL



Presec
visual filtration saturation indicator
(Pag. 55)



Dryer
LP RF 500
HP RF 1000
(Pag. 54)



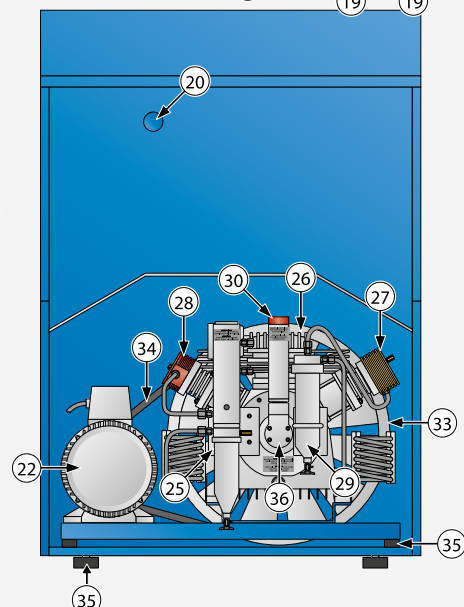
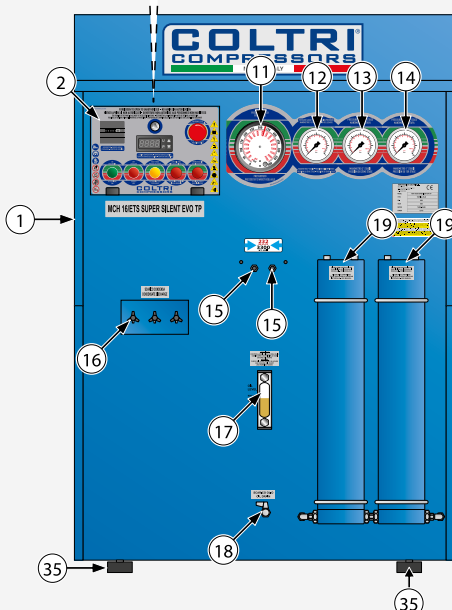
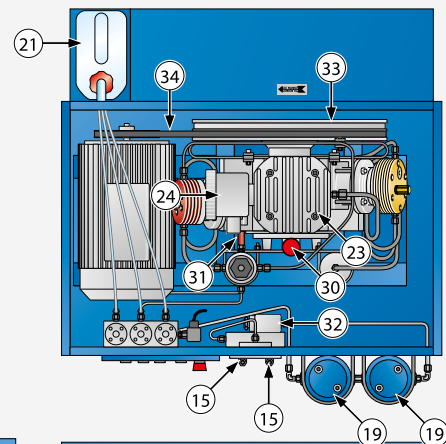
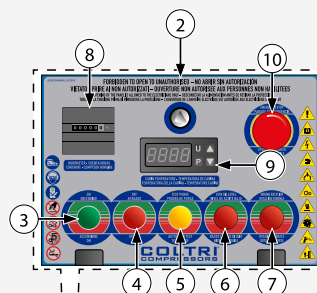
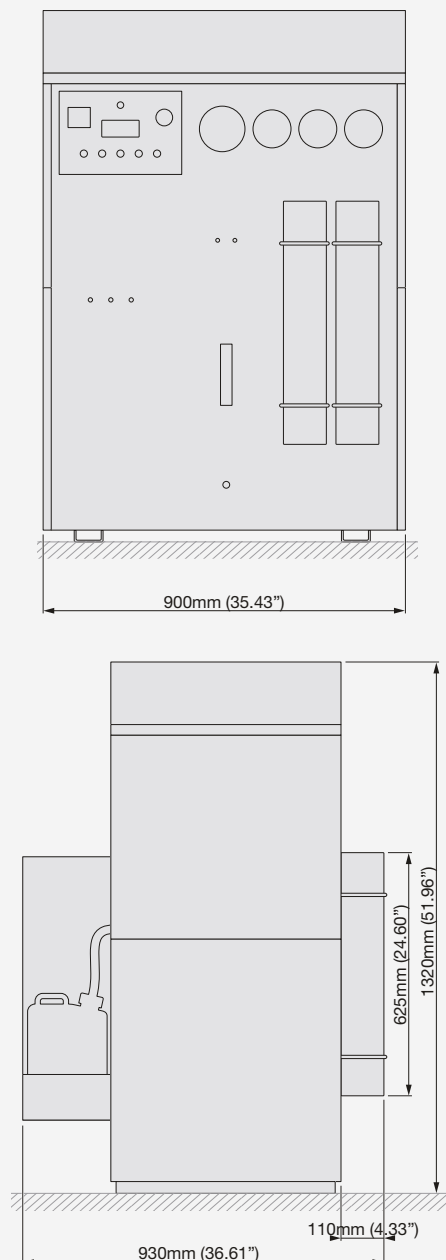
Remote filling panels
(Pag. 64-65)



Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS

MACHINE PARTS



- 1 Frame
- 2 Control pannel
- 3 ON pushbutton
- 4 Stop pushbutton
- 5 Condensate discharge pushbutton
- 6 Oil level warning light
- 7 Direction of rotation indicator light
- 8 Hour counter
- 9 Cabinet interior / cooling air temperature
- 10 Emergency pushbutton
- 11 Automatic shutdown pressure switch
- 12 3rd stage pressure gauge
- 13 2nd stage pressure gauge

- 14 1st stage pressure gauge
- 15 Refill hoses connection
- 16 Condensate discharge valves
- 17 Oil level
- 18 Oil discharge valves
- 19 Purifier filter
- 20 Intake extension hole
- 21 Condensate collection can
- 22 Motor
- 23 Compressor
- 24 Air filter
- 25 Final condensate separator
- 26 1st stage

- 27 2nd stage
- 28 3rd stage
- 29 Monobloc
- 30 Oil filler plug
- 31 Safety valve
- 32 Maintenance valve
- 33 Cooling fan
- 34 Belt
- 35 Anti-vibration device
- 36 Oil pump

SILENT

LINE: HEAVY DUTY



MCH 30 ET THREE-PHASE ELECTRIC MOTOR

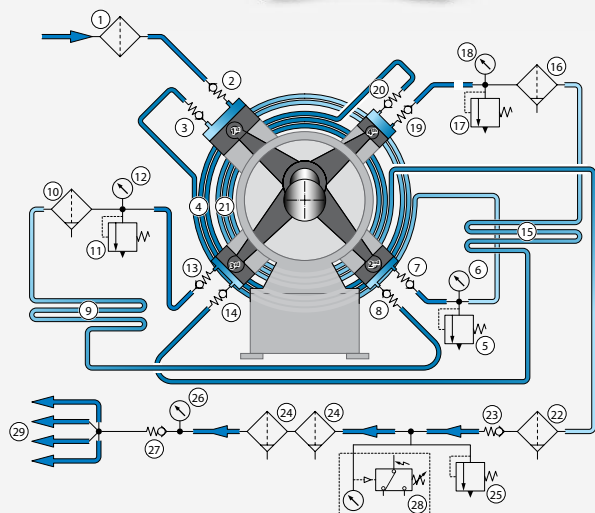
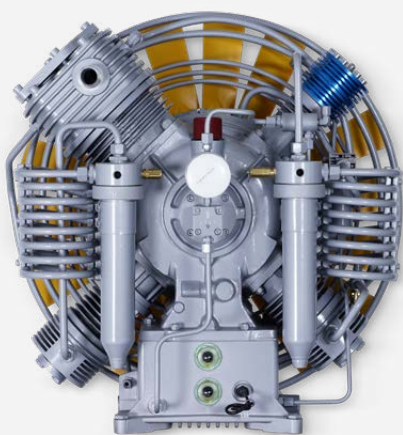
DESCRIPTION

The SILENT series represents soundproofing to perfection. It has been designed to meet the needs of very intensive situations and where large filling capacities are required. Equipped with 4 front filling connections for high pressure hoses (from 232 to 420 bar), a control panel and an electrical display. Each is equipped with a three-phase electric motor and powerful pumping units (MCH 22, MCH 30, MCH 36 and MCH 45 depending on the specific model). The structure, which has been specially designed to improve soundproofing, allows you to go below the 70 dB threshold when in action. In order to prolong the life of the filters external dryers, RF 500 and RF 1000, can be added. Optional extras include: electronic touch screen display, Presec for filter saturation control and remote filling panel.



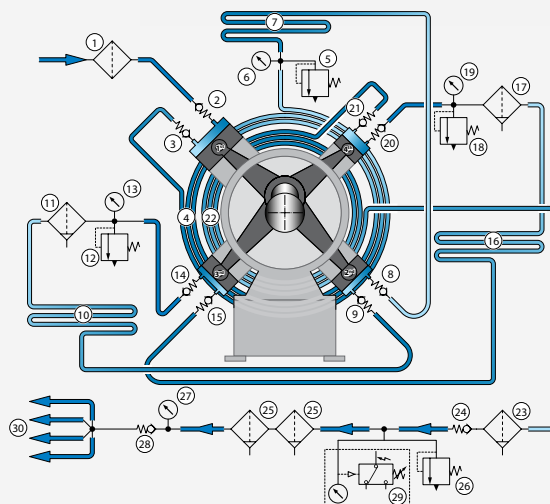
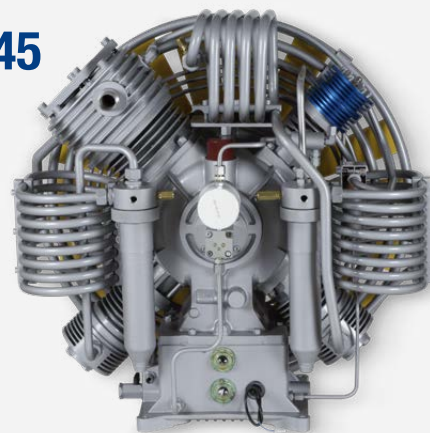
MCH 36 ET THREE-PHASE ELECTRIC MOTOR

MCH 22 PUMPING UNIT



- | | |
|-------------------------------|---|
| 1 Intake filter | 16 Condensate separator |
| 2 Intake valve 1st stage | 17 Safety valve 3rd stage |
| 3 Outlet valve 1st stage | 18 Pressure gauge 3rd stage |
| 4 Cooling pipe 1st-2nd stage | 19 Intake valve 4th stage |
| 5 Safety valve 1st stage | 20 Outlet valve 4th stage |
| 6 Pressure gauge 1st stage | 21 Final cooling pipe |
| 7 Intake valve 2nd stage | 22 Condensate separator |
| 8 Outlet valve 2nd stage | 23 Non return valve |
| 9 Cooling pipe 2nd-3rd stage | 24 Active carbon air filter / molecular sieve |
| 10 Condensate separator | 25 Safety valve |
| 11 Safety valve 2nd stage | 26 Pressure gauge 4th stage |
| 12 Pressure gauge 2nd stage | 27 Pressure maintenance valve |
| 13 Intake valve 3rd stage | 28 Pressure switch |
| 14 Outlet valve 3rd stage | 29 Flex hoses |
| 15 Cooling pipe 3rd-4th stage | |

MCH 30-36-45 PUMPING UNIT



- | | |
|-------------------------------|---|
| 1 Intake filter | 16 Cooling pipe 3rd-4th stage |
| 2 Intake valve 1st stage | 17 Condensate separator |
| 3 Outlet valve 1st stage | 18 Safety valve 3rd stage |
| 4 Cooling pipe 1st-2nd stage | 19 Pressure gauge 3rd stage |
| 5 Safety valve 1st stage | 20 Intake valve 4th stage |
| 6 Pressure gauge 1st stage | 21 Outlet valve 4th stage |
| 7 Cooling pipe 1st-2nd stage | 22 Final cooling pipe |
| 8 Intake valve 2nd stage | 23 Condensate separator |
| 9 Outlet valve 2nd stage | 24 Non return valve |
| 10 Cooling pipe 2nd-3rd stage | 25 Active carbon air filter/molecular sieve |
| 11 Condensate separator | 26 Safety valve |
| 12 Safety valve 2nd stage | 27 Pressure gauge 4th stage |
| 13 Pressure gauge 2nd stage | 28 Pressure maintenance valve |
| 14 Intake valve 3rd stage | 29 Pressure switch |
| 15 Outlet valve 3rd stage | 30 Flex hoses |

TECHNICAL DATA

	MCH 22	MCH 30	MCH 36	MCH 45
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	450 l/min - 27 m³/h 15.9 CFM FAD	550 l/min - 33 m³/h 19.4 CFM FAD	650 l/min - 39 m³/h 22.9 CFM FAD	750 l/min - 45 m³/h 26.9 CFM FAD
FILLING TIME*	5 min.	4 min.	3 min.	2,5 min.
WORKING PRESSURE	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig
NET WEIGHT APPROX.	445 kg - 981 lb	455 kg - 1003 lb	455 kg - 1003 lb	455 kg - 1003 lb
NOISE	70 dB	70 dB	70 dB	70 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

STANDARD



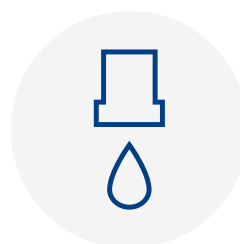
BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC (Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Double hyperfilter filtration
PED certificated
(Pag. 67)

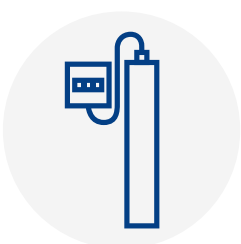


Oil pump

OPTIONAL



Touch screen
display



Presec
visual filtration saturation indicator
(Pag. 55)



Dryer
LP RF 500
HP RF 1000
(Pag. 54)

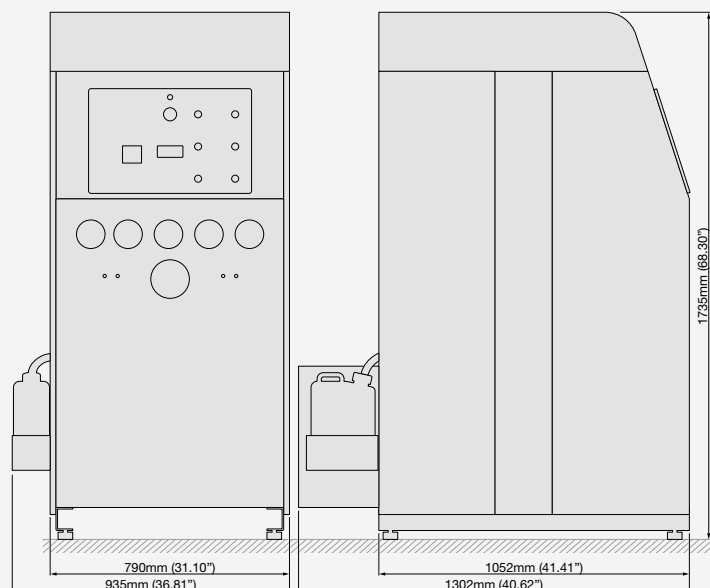


Remote filling panels
(Pag. 64-65)

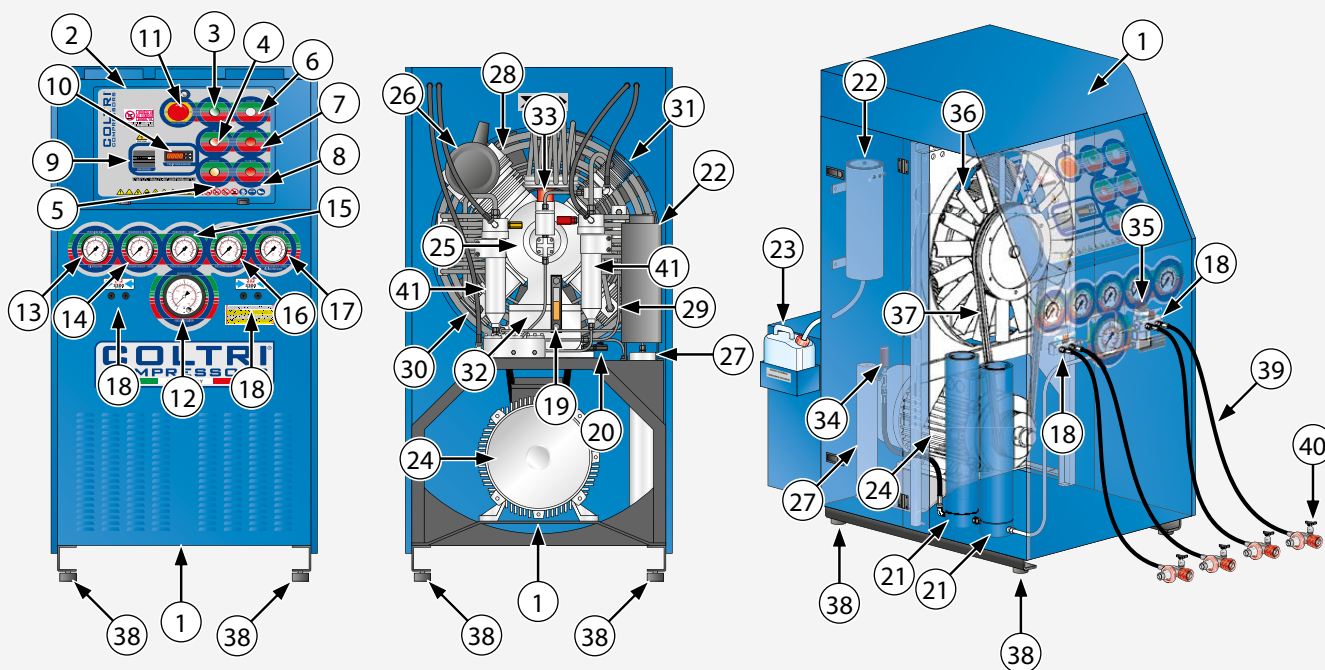


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | | |
|--|---|---------------------------------|
| 1 Frame | 15 2nd stage pressure gauge | 28 1st stage |
| 2 Control pannel | 16 3rd stage pressure gauge | 29 2nd stage |
| 3 ON pushbutton | 17 4th stage pressure gauge/
working pressure | 30 3rd stage |
| 4 Stop pushbutton | 18 Refill hoses connection | 31 4th stage |
| 5 Condensate discharge pushbutton | 19 Oil level | 32 Monobloc |
| 6 Power indicator light | 20 Oil discharge valves | 33 Oil filler plug |
| 7 Direction of rotation indicator light | 21 Purifier filter | 34 Safety valve |
| 8 Oil level warning light | 22 Condensate collection container | 35 Maintenance valve |
| 9 Hour counter | 23 Condensate collection can | 36 Cooling fan |
| 10 Cabinet interior / cooling air temperature | 24 Motor | 37 Belt |
| 11 Emergency pushbutton | 25 Compressor | 38 Anti-vibration device |
| 12 Automatic shutdown pressure switch | 26 Air filter | 39 Refill hose |
| 13 Oil pressure gauge | 27 Final condensate separator | 40 Refill valves |
| 14 1st stage pressure gauge | | 41 Condensate separator |

OPEN

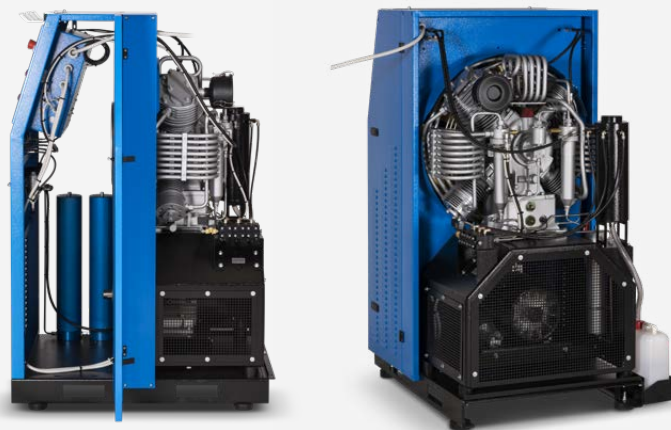
LINE: HEAVY DUTY



MCH 36 ET THREE-PHASE ELECTRIC MOTOR

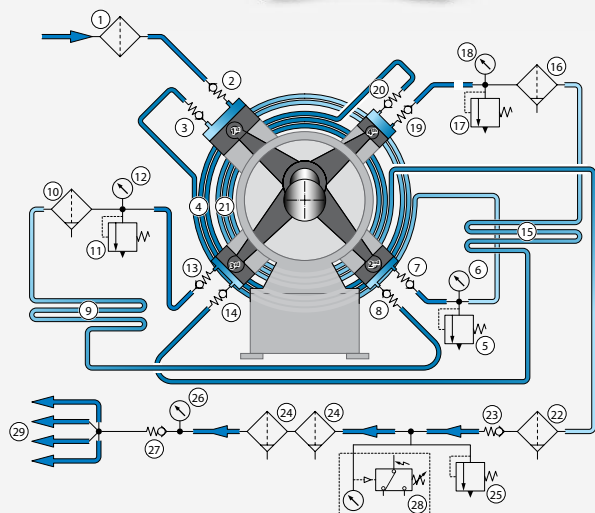
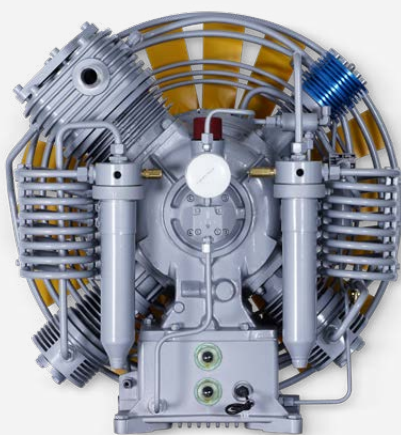
DESCRIPTION

The OPEN series has been conceived to meet the needs of very intensive situations, large filling capacities, but in warm, poorly ventilated environments or tropical countries. Equipped with 4 front filling connections for high pressure hoses (from 232 to 420 bar), a control panel and an electrical display. Each one is also equipped with a three-phase electric motor and powerful pumping units (MCH 22, MCH 30, MCH 36 and MCH 45 depending on the specific model). The pumping unit placed in the rear part of the structure guarantees a better cooling cycle. In order to prolong the life of the filters external dryers, RF 500 and RF 1000, can be added. Optional extras include: electronic touch screen display, Presec for filter saturation control and remote filling panel.



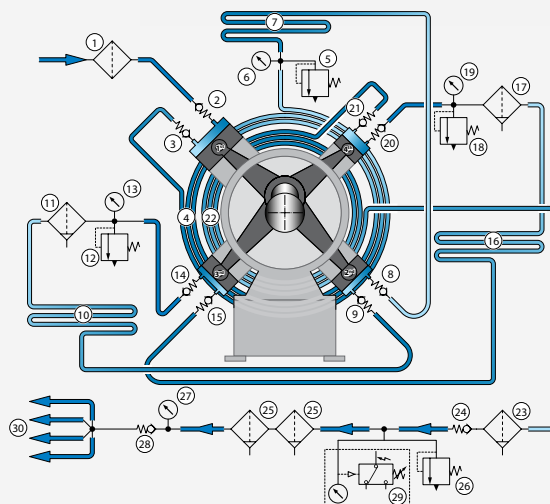
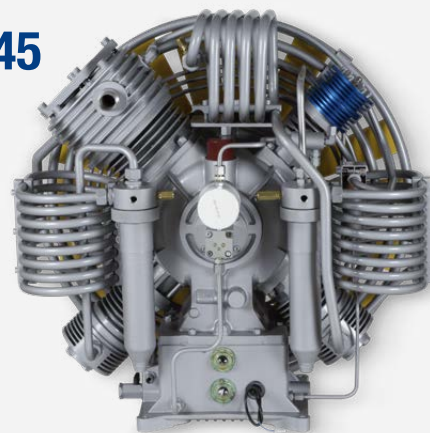
MCH 36 ET THREE-PHASE ELECTRIC MOTOR

MCH 22 PUMPING UNIT



- | | |
|-------------------------------|---|
| 1 Intake filter | 16 Condensate separator |
| 2 Intake valve 1st stage | 17 Safety valve 3rd stage |
| 3 Outlet valve 1st stage | 18 Pressure gauge 3rd stage |
| 4 Cooling pipe 1st-2nd stage | 19 Intake valve 4th stage |
| 5 Safety valve 1st stage | 20 Outlet valve 4th stage |
| 6 Pressure gauge 1st stage | 21 Final cooling pipe |
| 7 Intake valve 2nd stage | 22 Condensate separator |
| 8 Outlet valve 2nd stage | 23 Non return valve |
| 9 Cooling pipe 2nd-3rd stage | 24 Active carbon air filter / molecular sieve |
| 10 Condensate separator | 25 Safety valve |
| 11 Safety valve 2nd stage | 26 Pressure gauge 4th stage |
| 12 Pressure gauge 2nd stage | 27 Pressure maintenance valve |
| 13 Intake valve 3rd stage | 28 Pressure switch |
| 14 Outlet valve 3rd stage | 29 Flex hoses |
| 15 Cooling pipe 3rd-4th stage | |

MCH 30-36-45 PUMPING UNIT



- | | |
|-------------------------------|---|
| 1 Intake filter | 16 Cooling pipe 3rd-4th stage |
| 2 Intake valve 1st stage | 17 Condensate separator |
| 3 Outlet valve 1st stage | 18 Safety valve 3rd stage |
| 4 Cooling pipe 1st-2nd stage | 19 Pressure gauge 3rd stage |
| 5 Safety valve 1st stage | 20 Intake valve 4th stage |
| 6 Pressure gauge 1st stage | 21 Outlet valve 4th stage |
| 7 Cooling pipe 1st-2nd stage | 22 Final cooling pipe |
| 8 Intake valve 2nd stage | 23 Condensate separator |
| 9 Outlet valve 2nd stage | 24 Non return valve |
| 10 Cooling pipe 2nd-3rd stage | 25 Active carbon air filter/molecular sieve |
| 11 Condensate separator | 26 Safety valve |
| 12 Safety valve 2nd stage | 27 Pressure gauge 4th stage |
| 13 Pressure gauge 2nd stage | 28 Pressure maintenance valve |
| 14 Intake valve 3rd stage | 29 Pressure switch |
| 15 Outlet valve 3rd stage | 30 Flex hoses |

TECHNICAL DATA

	MCH 22	MCH 30	MCH 36	MCH 45
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	450 l/min - 27 m³/h 15.9 CFM FAD	550 l/min - 33 m³/h 19.4 CFM FAD	650 l/min - 39 m³/h 22.9 CFM FAD	750 l/min - 45 m³/h 26.9 CFM FAD
FILLING TIME*	5 min.	4 min.	3 min.	2,5 min.
WORKING PRESSURE	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig
NET WEIGHT APPROX.	365 kg - 805 lb	375 kg - 827 lb	375 kg - 827 lb	375 kg - 827 lb
NOISE	78 dB	78 dB	78 dB	78 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar ±5%)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC (Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Double hyperfilter filtration
PED certificated
(Pag. 67)

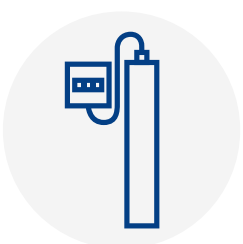


Pompa olio

OPTIONAL



Touch screen
display



Presec
visual filtration saturation indicator
(Pag. 55)



Dryer
LP RF 500
HP RF 1000
(Pag. 54)

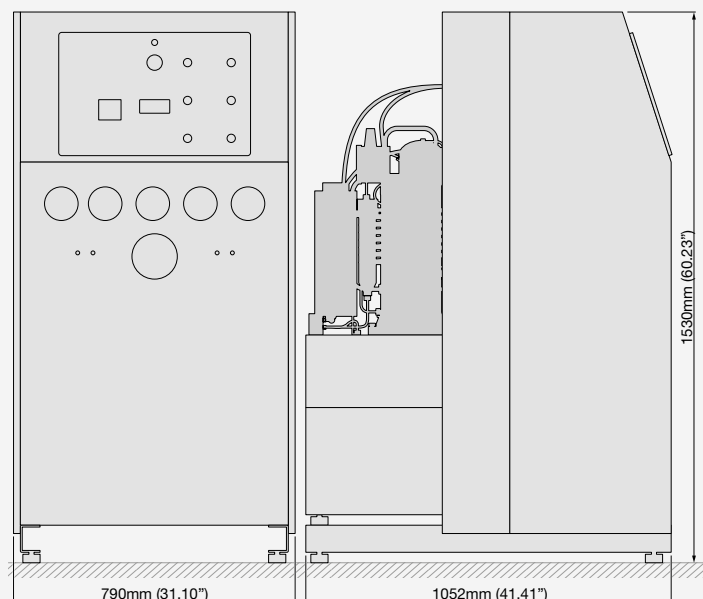


Remote filling panels
(Pag. 64-65)

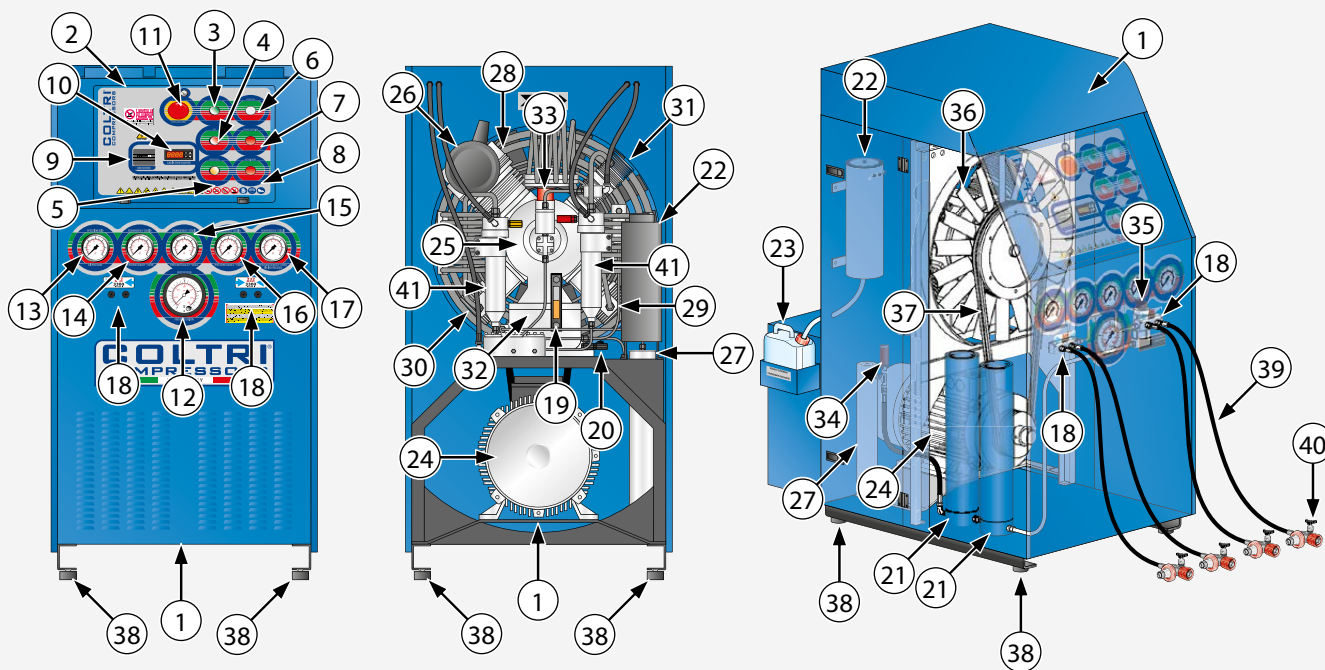


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- | | | |
|--|---|---------------------------------|
| 1 Frame | 15 2nd stage pressure gauge | 28 1st stage |
| 2 Control pannel | 16 3rd stage pressure gauge | 29 2nd stage |
| 3 ON pushbutton | 17 4th stage pressure gauge/
working pressure | 30 3rd stage |
| 4 Stop pushbutton | 18 Refill hoses connection | 31 4th stage |
| 5 Condensate discharge pushbutton | 19 Oil level | 32 Monobloc |
| 6 Power indicator light | 20 Oil discharge valves | 33 Oil filler plug |
| 7 Direction of rotation indicator light | 21 Purifier filter | 34 Safety valve |
| 8 Oil level warning light | 22 Condensate collection container | 35 Maintenance valve |
| 9 Hour counter | 23 Condensate collection can | 36 Cooling fan |
| 10 Cabinet interior / cooling air temperature | 24 Motor | 37 Belt |
| 11 Emergency pushbutton | 25 Compressor | 38 Anti-vibration device |
| 12 Automatic shutdown pressure switch | 26 Air filter | 39 Refill hose |
| 13 Oil pressure gauge | 27 Final condensate separator | 40 Refill valves |
| 14 1st stage pressure gauge | | 41 Condensate separator |

FILTER LIFE 5 TIME LONGER

IMPROVED AIR QUALITY

LESS CORROSION OF THE INTERNAL
MECHANICAL PARTS

FILLING CYLINDERS KEEPING
A COSTANT PERCENTAGE OF HUMIDITY



FINAL HP REFRIGERATOR RF 500 - RF 1000 ON DEMAND



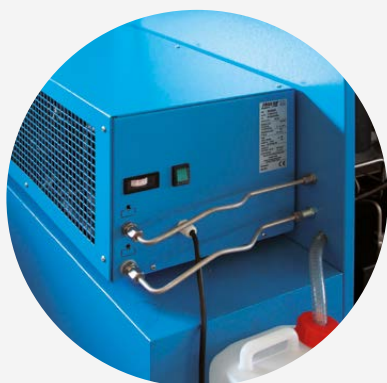
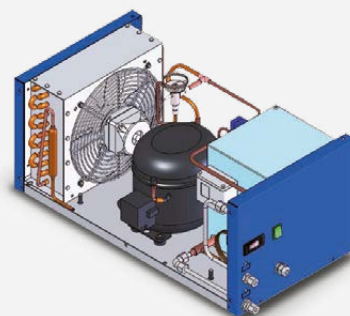
RF 500



RF 1000

For RF 500 and RF 1000 this air intake component of the frame need to be ordered a part as larger than standard.

The final HP dryer is positioned between the final stage and hp water separator. The compressed air is cooled down inside a closed cooling circuit. As a result, the dew point of the compressed air decreases and most of the moisture and oil contained condenses or is removed by the oil and water separator. Consequently, only a very small amount of moisture enters the filter cartridge, which significantly increases its life.



CODE	230V 50hz SC0001300 RF 500	230V 60hz SC0001301 RF 500	230V 50hz SC0001310 RF 1000	230V 60hz SC0001311 RF 1000
------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------

PRESEC

FILTERS CONTROL SYSTEM

ON DEMAND

The presec system is connected with a probe, within the first filtering cartridge, that detects the saturation level and transmits to the display the proper commutation signals based on the cartridge's status. In case of totally saturated filtering cartridge the compressor turns off and it is not possible to turn it on again without inserting a new cartridge.



Available for PRIME and HEAVY DUTY line:

ERGO / MARK 3 / SUPER SILENT TPS / SILENT / OPEN

LP 300 ROTARY

LINE: NITROX

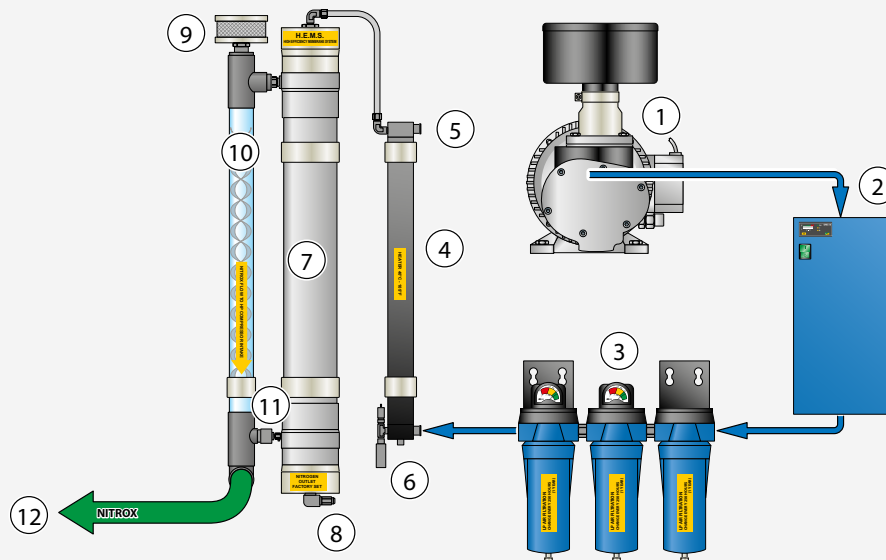


DESCRIPTION

The LP300 ROTARY model is made of an industrial screw compressor that delivers air at 12 bar to a membrane that separates nitrogen and oxygen up to a maximum of 40% O₂. The enriched air can be compressed at a pressure of 232 bar in combination with a high pressure compressor. The percentage of oxygen obtained at the outlet can be regulated from 22.4% to 40% thanks to a valve accessible directly on top of the compressor. The oxygen analyser lets one check the percentage of oxygen and adjust it by means of the appropriate valve.



MIXING CIRCUIT



- 1 Screw compressor
- 2 Dryer
- 3 Filters-separators set
- 4 Heater
- 5 Temperature sensor
- 6 Pressure switch-thermostat

- 7 Membrane
- 8 Nitrogen release
- 9 Intake filter
- 10 Air-Oxygen mixer pipe
- 11 Oxygen sensor (remote)
- 12 Nitrox mix outlet

TECHNICAL DATA

LP 300			
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR		
WORKING PRESSURE	8 bar		
NET WEIGHT APPROX.	256 kg		
NOISE	68 dB		
% O ₂	32%	36%	40%
L/MIN	660	380	330
CONNECTABLE COMPRESSORS	N° 2 MCH 16	N° 1 MCH 23	N° 1 MCH 16

STANDARD



Autostop



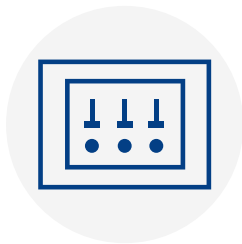
2 analyzer in line
1 on LP compressor and
1 on HP compressor



Thermostat
Cabin temperature
thermostat/auto shut off

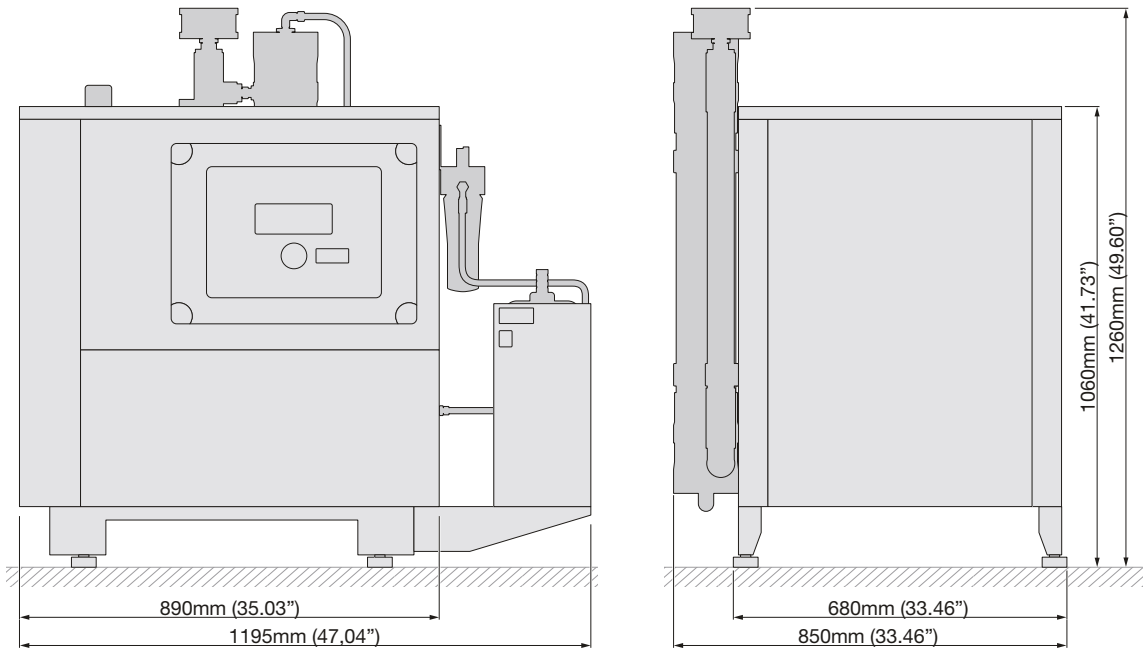


Automatic condensate drain

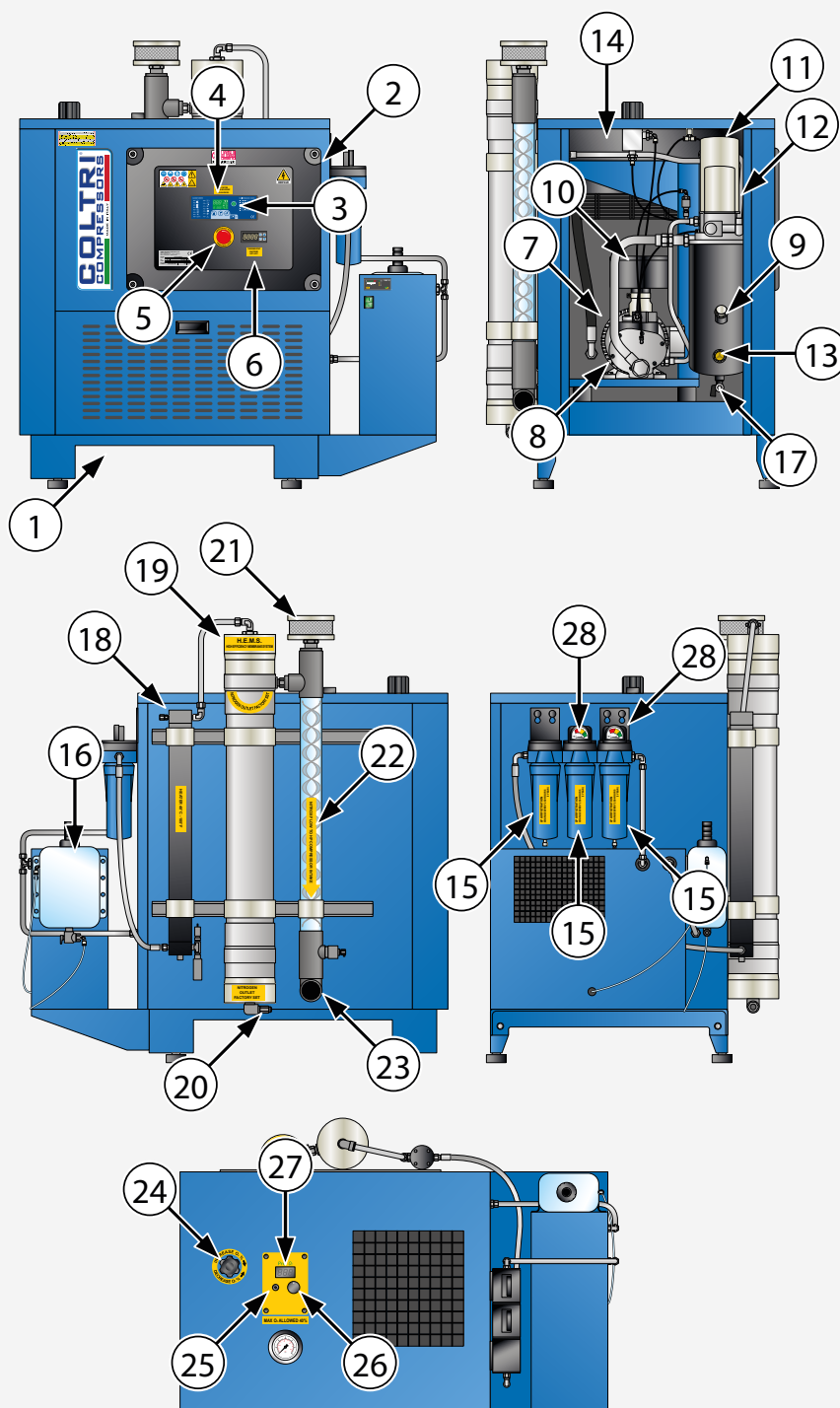


Electric switchboard
with hourmeter and alarm

DIMENSIONS



MACHINE PARTS



- | | | |
|-----------------------------|--------------------------------------|-------------------------------|
| 1 Frame | 11 De-oiler filter | 20 Nitrogen release |
| 2 Control panel | 12 Oil filter | 21 Intake filter |
| 3 Start/Stop pushbutton | 13 Oil level indicator | 22 Mixer pipe |
| 4 Electronic controller | 14 Heat exchanger | 23 Nitrox outlet |
| 5 Emergency pushbutton | 15 Membrane protection filter set | 24 Oxygen percentage adjuster |
| 6 Heater temperature | 16 Condensate collection receptacles | 25 ON/OFF pushbutton |
| 7 Electric motor | 17 Oil drain cap | 26 Calibrator |
| 8 Screw compressor | 18 Heater | 27 Membrane Oxygen control |
| 9 Oil filler cap | 19 Membrane | 28 Filter clog indicator |
| 10 Compressor intake filter | | |

LP 600 ROTARY

LINE: NITROX

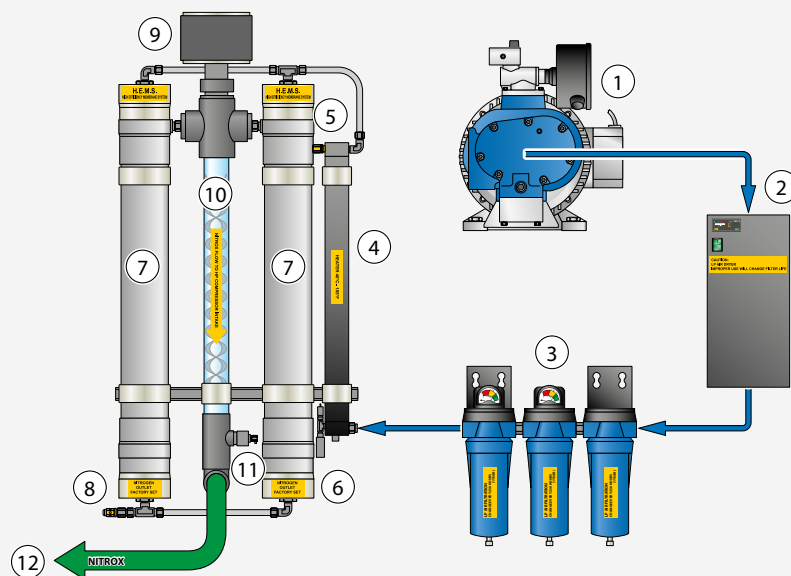


DESCRIPTION

The top of the Nitrox line is the LP600 ROTARY, made up by an industrial screw compressor that delivers air at 8 bar to a membrane that separates nitrogen and oxygen at atmospheric pressure until Nitrox 40% O₂ is obtained, going on to be compressed at 232 bar in combination with a high pressure compressor. The percentage of oxygen obtained at the outlet can be regulated from 22.4% to 40% thanks to a valve accessible directly on top of the compressor. Exclusive to the Heavy Duty line.



MIXING CIRCUIT



- 1 Screw compressor
- 2 Dryer
- 3 Filters-separators set
- 4 Heater
- 5 Temperature sensor
- 6 Pressure switch-thermostat

- 7 Membrane
- 8 Nitrogen release
- 9 Intake filter
- 10 Air-Oxygen mixer pipe
- 11 Oxygen sensor (remote)
- 12 Nitrox mix outlet

TECHNICAL DATA

LP 600	
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR
POWER	15 kW
WORKING PRESSURE	8 bar
NET WEIGHT APPROX.	270 kg - 595 lb
NOISE	67 dB

% O ₂	32%	40%
L/MIN	1100	650
CONNECTABLE COMPRESSORS	N° 2 MCH-30	N° 1 MCH-36

STANDARD



Autostop



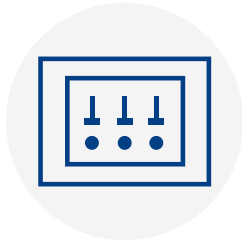
2 analyzer in line
1 on LP compressor and
1 on HP compressor



Thermostat
Cabin temperature
thermostat/auto shut off

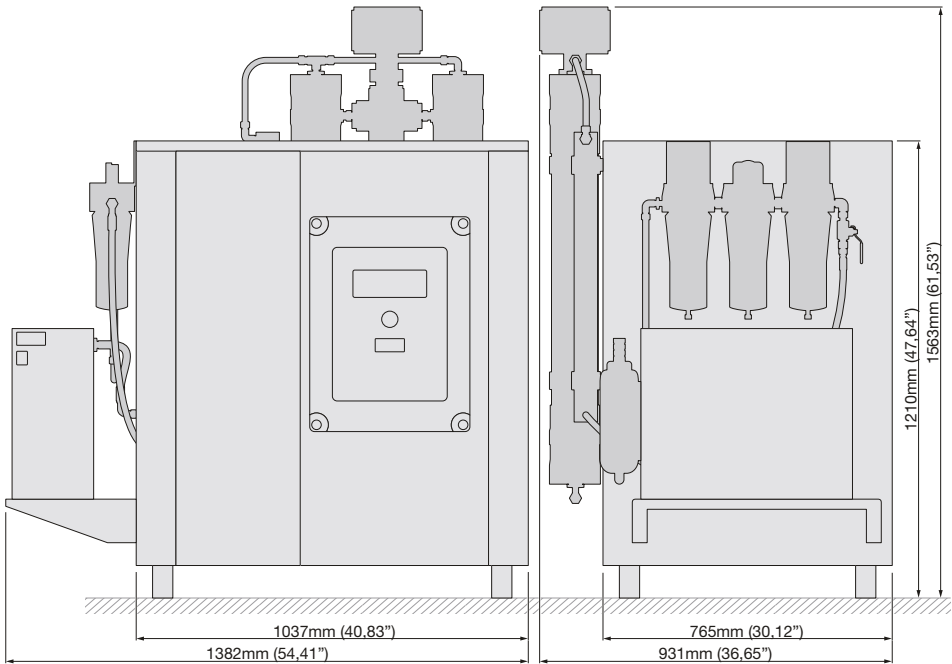


Automatic condensate drain

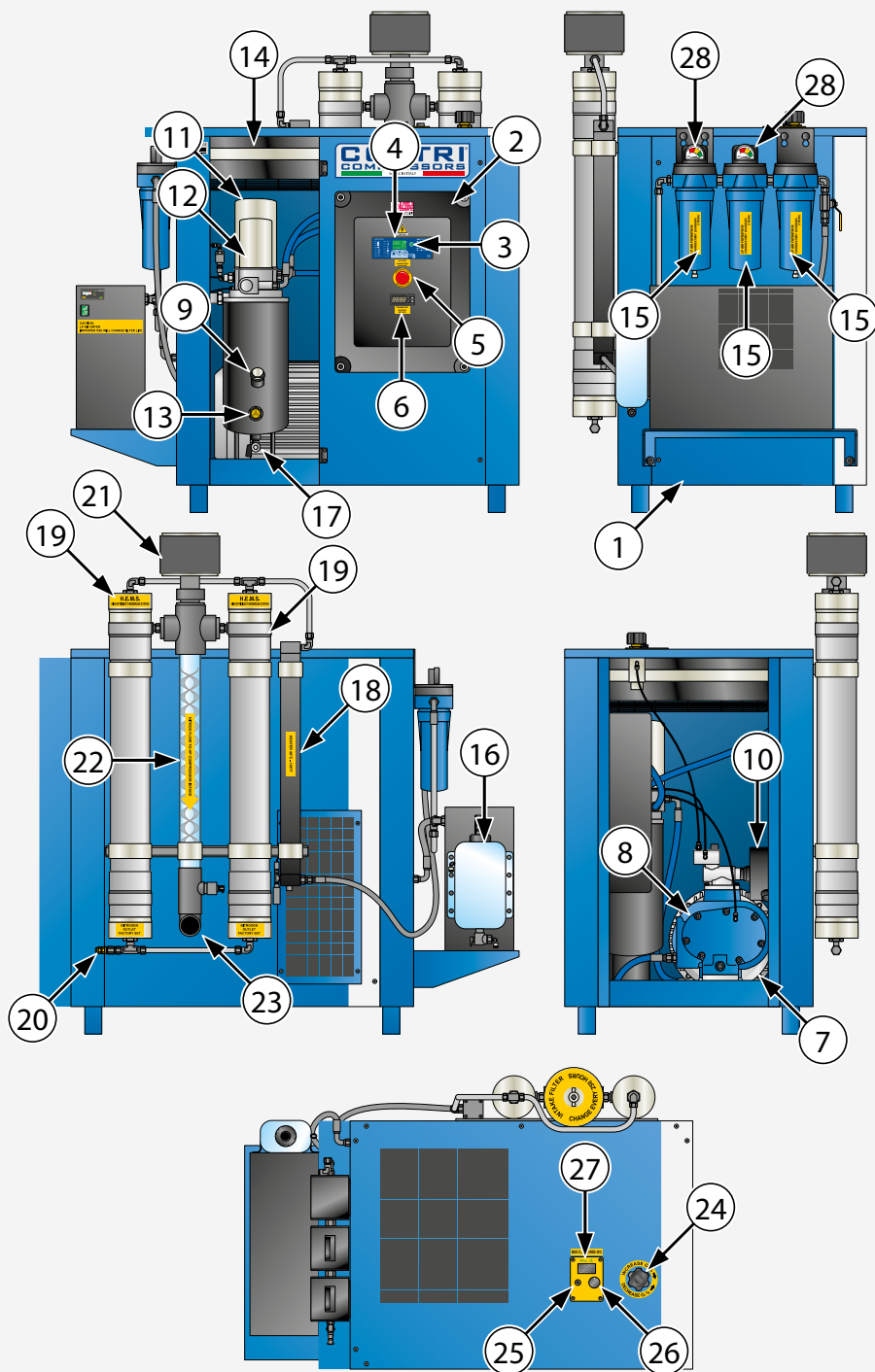


Electric switchboard
with hourmeter and alarm

DIMENSIONS



MACHINE PARTS



- | | | |
|------------------------------------|---|--------------------------------------|
| 1 Frame | 11 De-oiler filter | 20 Nitrogen release |
| 2 Control panel | 12 Oil filter | 21 Intake filter |
| 3 Start/Stop pushbutton | 13 Oil level indicator | 22 Mixer pipe |
| 4 Electronic controller | 14 Heat exchanger | 23 Nitrox outlet |
| 5 Emergency pushbutton | 15 Membrane protection filter set | 24 Oxygen percentage adjuster |
| 6 Heater temperature | 16 Condensate collection receptacles | 25 ON/OFF pushbutton |
| 7 Electric motor | 17 Oil drain cap | 26 Calibrator |
| 8 Screw compressor | 18 Heater | 27 Membrane Oxygen control |
| 9 Oil filler cap | 19 Membrane | 28 Filter clog indicator |
| 10 Compressor intake filter | | |

LEVER FILLING PANELS



SINGLE PRESSURE VERSION

CODE **SC000327**

4 LEVER VALVES INT/ DIN 232/DIN 300

1 GAUGE



DOUBLE PRESSURE VERSION

CODE **SC000331**

2 LEVER VALVES INT/DIN 232 bar

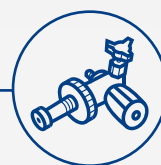
2 LEVER VALVES INT/DIN 300 bar

2 GAUGES

1 PRESSURE REGULATOR



FILLING CONNECTIONS



CODE **SC000936**
DIN 200 bar - 2900 psig
STAINLESS STEEL FIT
FOR LEVER VALVE WITH SAFETY PIN



CODE **SC000937**
DIN 300 bar - 4351 psig
STAINLESS STEEL FIT
FOR LEVER VALVE WITH SAFETY PIN



CODE **SC000935**
INT STAINLESS STEEL FIT
FOR LEVER VALVE WITH SAFETY PIN

FILLING PANELS



SINGLE PRESSURE VERSION

CODE **SC000325**

4 BC INT/DIN 232/DIN 300

1 GAUGE



DOUBLE PRESSURE VERSION

CODE **SC000329**

2 BC DIN 232 bar/INT

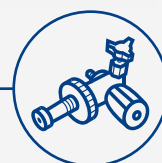
2 BC DIN 300 bar

2 GAUGES

1 PRESSURE REGULATOR



FILLING CONNECTIONS



CODE **SC000460**
BC DIN 300 bar
4351 psig



CODE **SC000470**
BC DIN 232 bar
3365 psig



CODE **SC000450**
BC INT



CODE **RE100350**
DIN/INT FITTING



CODE **VA800188**
SERVICE KIT for BC
BC DIN 230 bar - 3335 psig
BC DIN 300 bar - 4351 psig

AIR FILTER CARTRIDGES



MAXIFILTER

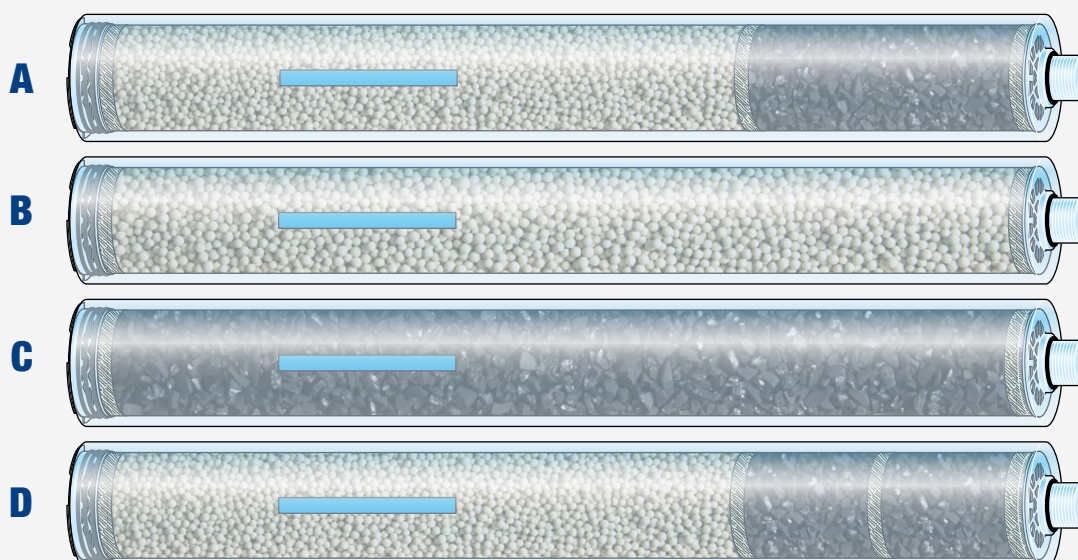
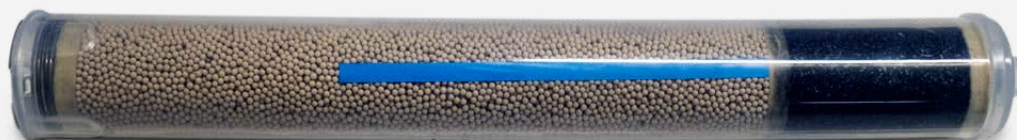
POLYPROPYLENE

A CODE SC000440/PP
WITH MOLECULAR SIEVE AND ACTIVATED CARBON

B CODE SC000440/PP/SM
WITH MOLECULAR SIEVE

C CODE SC000440/PP/CARB
WITH ACTIVATED CARBON

D CODE SC000440/PP/CO-CATALYST
WITH MOLECULAR SIEVE, ACTIVATED CARBON AND CO-CATALYST



CAPS & DISCS KIT

For MAXIFILTER AIR FILTER CARTRIDGE

CODE

13-05-0601/R
6 pieces kit



FELTS

For MAXIFILTER

CODE

13-00-0800
FOR MAXIFILTER 8 pieces kit



AIR FILTER CARTRIDGES



HYPERFILTER

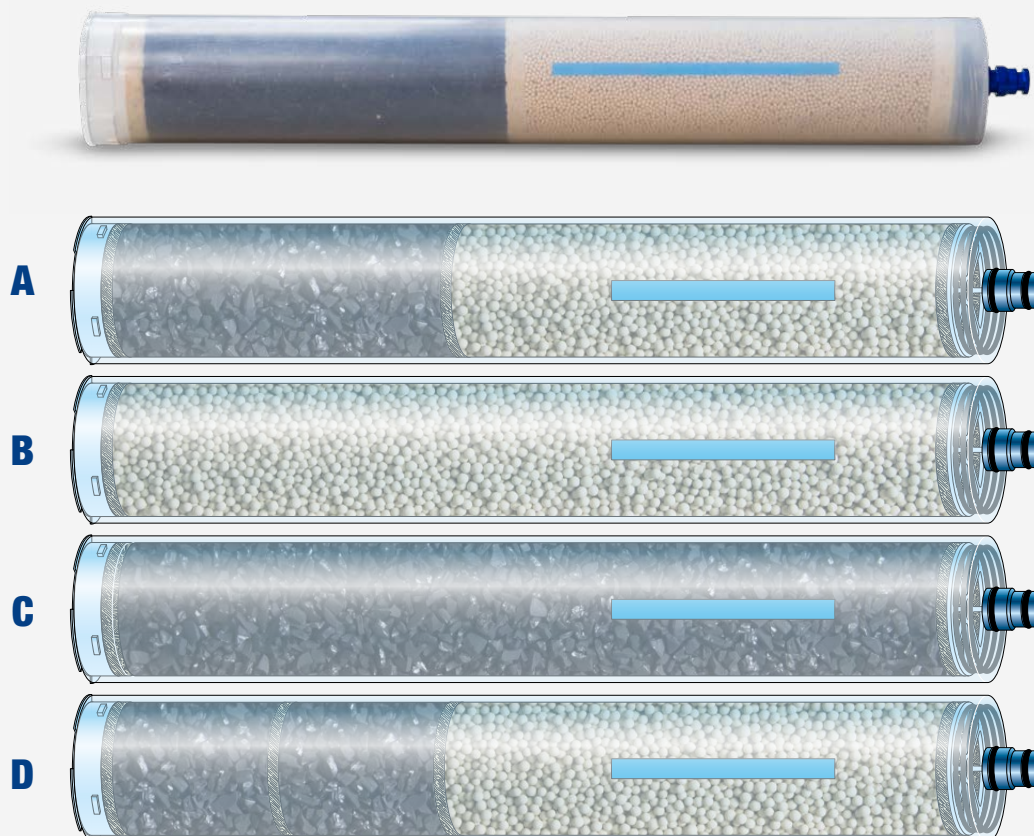
POLYPROPYLENE

A CODE 36-07-034/PP/B-AC
WITH MOLECULAR SIEVE AND ACTIVATED CARBON

B CODE 36-07-034/PP/A-MS
WITH MOLECULAR SIEVE

C CODE 36-07-034/PP/CARB
WITH ACTIVATED CARBON

D CODE 36-07-034/PP/B-AC/MOL
WITH MOLECULAR SIEVE, ACTIVATED CARBON AND CO-CATALYST



CAPS & DISCS KIT

For HYPERFILTER AIR FILTER CARTRIDGE

CODE

36-00-0805
6 pieces kit



FELTS

For HYPERFILTER

CODE

36-00-0800
FOR HYPERFILTER 8 pieces kit



ACTIVATED CARBON

CODE

SC000350 1 l



MOLECULAR SIEVE

CODE

SC000380 1 l



CO CATALYST

CODE

SC000355 1 kg



FILTERS

INTAKE AIR FILTERS



CODE

36-05-0504
For MCH 22/30/36/45



CODE

SC000370
For MCH 11/13/16/18



CODE

HC010301
For MCH 8

OIL FILTERS CARTRIDGE



CODE

36-06-006
For MCH 22/30/36/45 and TROPICAL PLUS



SC000688
For MCH 30/36/45

PRESSURE REDUCER DIN 300 TO DIN 232

CODE

SC000335
DIN VERSION WITH SAFETY VALVE 300 bar F / 232 bar M



AIR BANK

CODE

SC000625 - 2 x 50 l @ 360 bar

DIMENSION
(W x H x D)

76 x 207 x 44 cm
29.92" x 81.50" x 17.32"

NET WEIGHT
APPROX.

230 Kg / 506 lb



SYNTHETIC COLTRI OIL 157

CODE

SC000795
1 litre

- Fully synthetic oil with high viscosity index
- Excellent performance at high and low temperature



MOTOR OIL FOR PETROL AND DIESEL ENGINES

CODE

SC000430
1 litre



FILTERS

LP 280 / 300 / 560 / 600 / 713 ROTARY SILENT AIR FILTERS



CODE	SC000603 1,0 micron particles for LP 280 / 300
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SC000602 0,1 micron particles for LP 280 / 300



SC000601 Activated carbon for LP 280 / 300
--



CODE	SC000614 1,0 micron particles for LP 560 / 713
-------------	--



SC000613 0,1 micron particles for LP 560 / 713
--



SC000612 0,003 PPM oil vapor for LP 560 / 713

INTAKE FILTERS ROTARY SYSTEM



CODE	SC000710 SINCE 01-2012 for LP 280 NITROX
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SC000638 for LP 280 NITROX



SC000692 for LP 300 NITROX



SC000635 for LP 560 / 713 NITROX

OIL FILTERS



CODE	SC000634 for LP 280 NITROX	SC000693 for LP 300 NITROX	SC000644 for LP 560 / 713 NITROX
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OIL FILTERS



CODE	SC000666 for LP 280 / 300 NITROX	SC000681 for LP 560 / 713 NITROX
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MIXING TUBE AIR FILTERS



CODE	SC000578 for LP 280 / 300 NITROX	SC000694 for LP 560 / 600 / 713 NITROX
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REPLACEMENT SENSOR

WITH REMOTE SENSOR FOR NITROX

CODE	SC000322/SR for LP 280 / 300 / 560 / 600 / 713 NITROX
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COLTRI OIL LP 46

FOR LP 300 / 560 / 600 / 713

CODE	SC000442 ISO VG GRADE 46
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GREASE

CODE	GRASSO/ALUGREASE/T 100 gr
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FILL

CONTAINMENT CABINET 1 CYLINDER

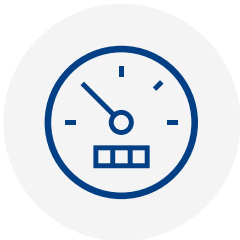


TECHNICAL DATA

FILL CONTAINMENT CABINET

MAX TANK HEIGHT	620 mm - 24.4"
FILLING CONNECTION	DIN 300 bar - 4351 psig
TANK STORAGE	Diameter 208 mm - 8.18"
WEIGHT	144 kg / 317.4 lbs
WORKING PRESSURE	232 - 330 bar - 3365 - 4786 psig

STANDARD



Gauges

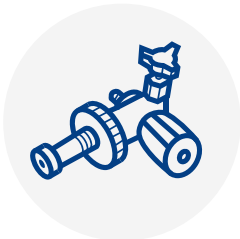


Tank storage
diameter 208 mm - 8.18"

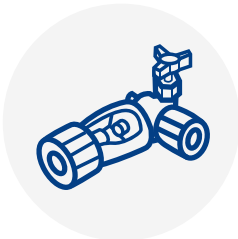


Filling hoses
for din 300 bar
4351 psig

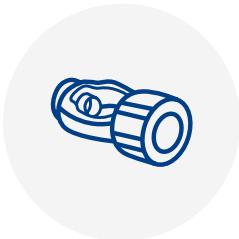
OPTIONAL



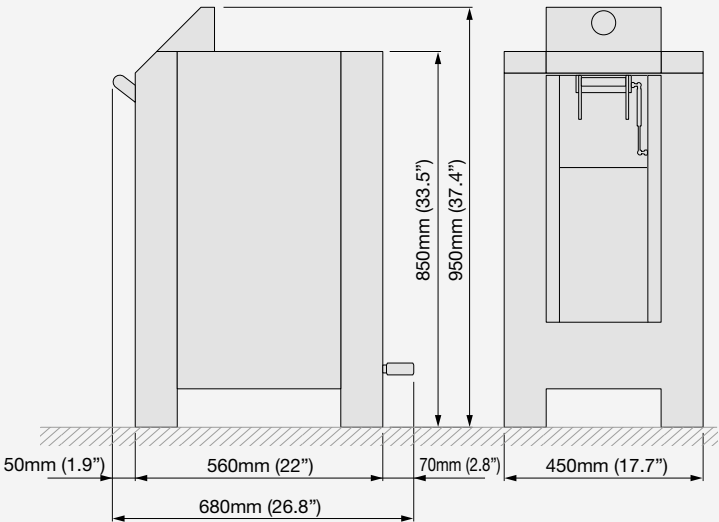
BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
(Pag. 65)



DIN/INT FITTING
(Pag. 65)



FILL

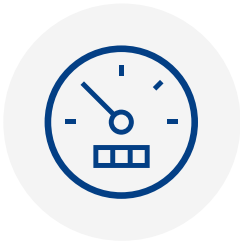
CONTAINMENT CABINET 2 CYLINDERS



FILL CONTAINMENT CABINET

FILLING CONNECTION	DIN 300 bar - 4351 psig
TANK STORAGE	Diameter 220 mm - 8.66"
WORKING PRESSURE	205 Kg / 452 lb

STANDARD



Gauges

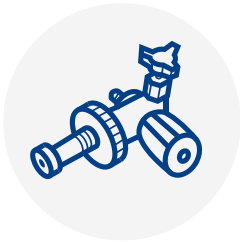


Tank storage
diameter 220 mm - 8.66"

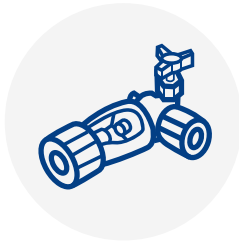


Filling hoses
for din 300 bar
4351 psig

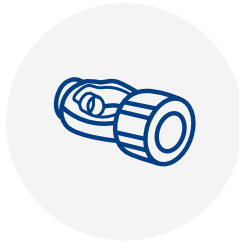
OPTIONAL



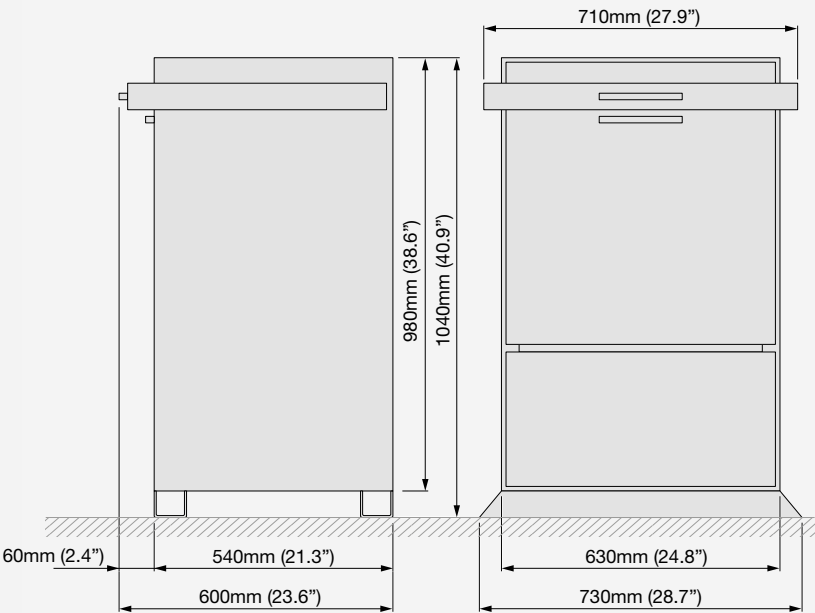
BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
(Pag. 65)



DIN/INT FITTING
(Pag. 65)



FILL

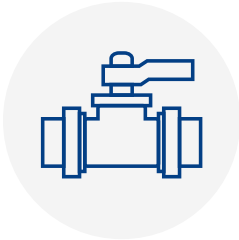
CONTAINMENT CABINET MULTIPLE FILL WITH SWING DOOR



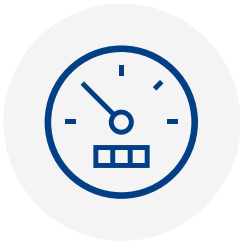
TECHNICAL DATA

FILL CONTAINMENT CABINET	
FILLING CONNECTION	DIN 300 bar - 4351 psig
TANK STORAGE	Diameter 220 mm - 8.66"
WORKING PRESSURE	500 Kg / 1102.3 lb

STANDARD



Charging and pressure management valves



Gauges

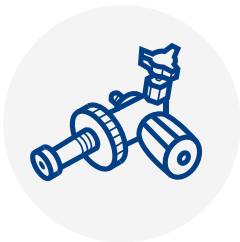


Tank storage
diameter 220 mm - 8.66"

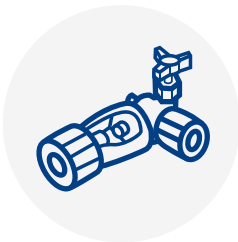


Filling hoses
for din 300 bar
4351 psig

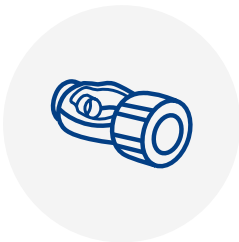
OPTIONAL



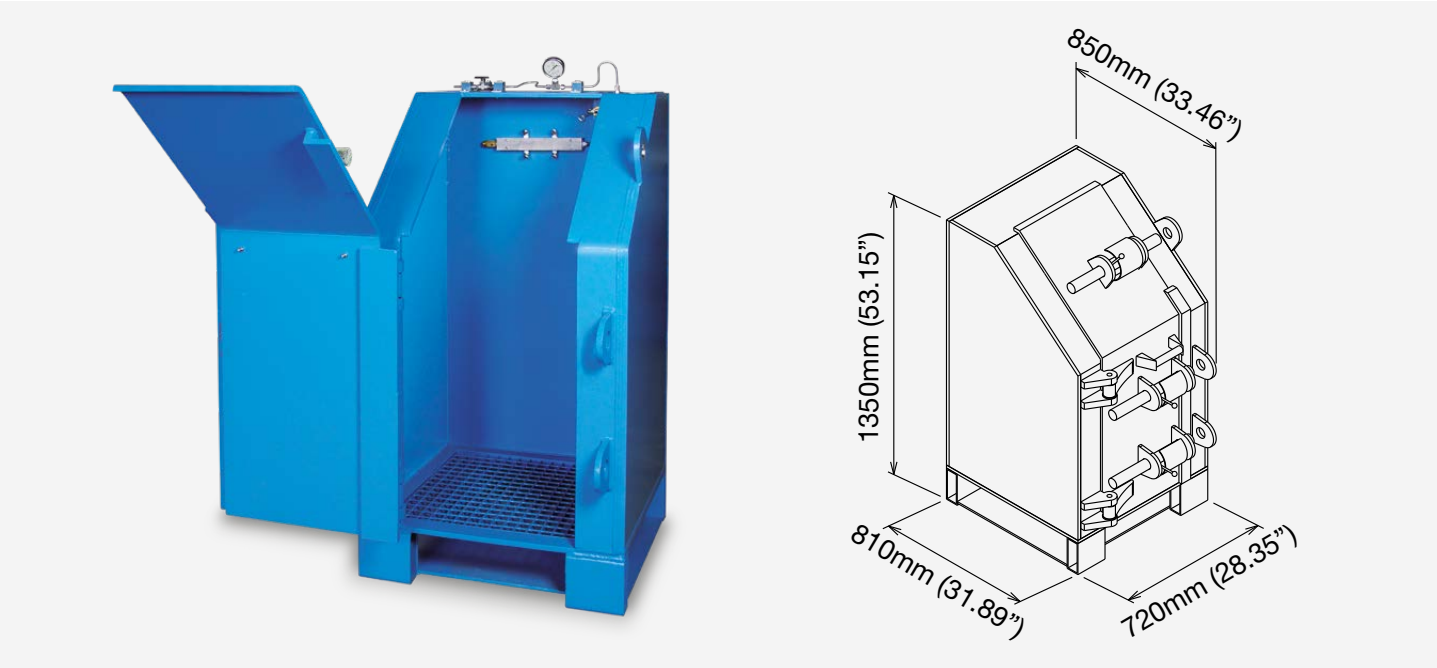
BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
(Pag. 65)



DIN/INT FITTING
(Pag. 65)



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