



CLEANING SYSTEMS

MECAIR

CLEANING SYSTEMS

PRODUCT LEAFLET

DESCRIPTION

The patented Mecair "Full Immersion System" range, now includes the new Mini-Full designed for direct pneumatic injection into the filtering elements. The new 1/2" Full Immersion valve has been designed for installation directly above the filtering element, producing increased efficiency of the cleaning system and eliminating the blowtube. A typical installation includes the direct cleaning of cartridges. The advantage of utilising this new cleaning system is substantial cost savings in compressed air and a reduction in the interference of the filtering process by cleaning a smaller ratio of the filtration surface area.

Mecair always recommends that compressed air be dry, filtered and oil free.

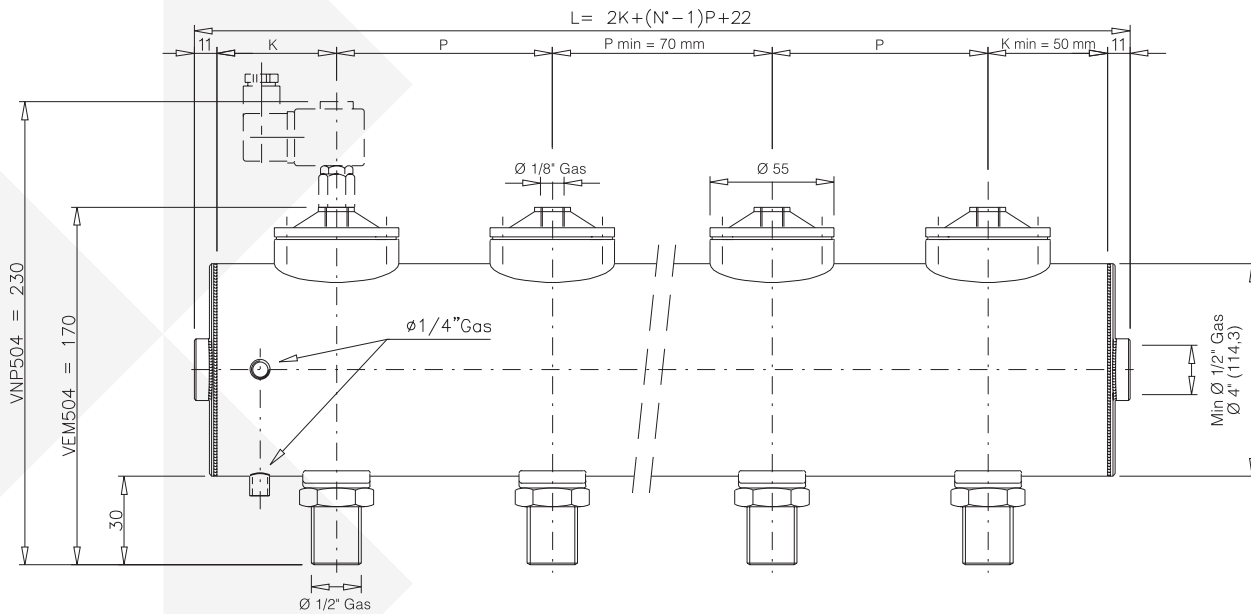


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DESCRIPTION AND DIMENSIONS (MM)



P min. = 70 mm / K min. = 50 mm

GENERAL CHARACTERISTICS

AIR	Filtered air and oil free
DIAPHRAGM	Viton: -30°C/+200°C Nitrile: -40°C/+120°C
OPERATING PRESSURE	From 0.5 to 6.0 bar

ELECTRICAL CHARACTERISTICS

COIL INSULATION	Class H
CONNECTOR	PG9 connection
SPECIFICS	EN175301 - 803 / A/ISO 4400
ISOLATION CLASS CONNECTOR	VDE 0110 - 1/89
ELECTRICAL PROTECTION	IP65 EN60529
VOLTAGE RANGE	24 V DC [-5%, +20%] 18 W

SPARE PARTS

PILOT	CP 1/8
SOLENOID	SB4 - 24 DC - 18 W
DIAPHRAGM + SPRING	KIT DB 14

CONSTRUCTION FEATURES

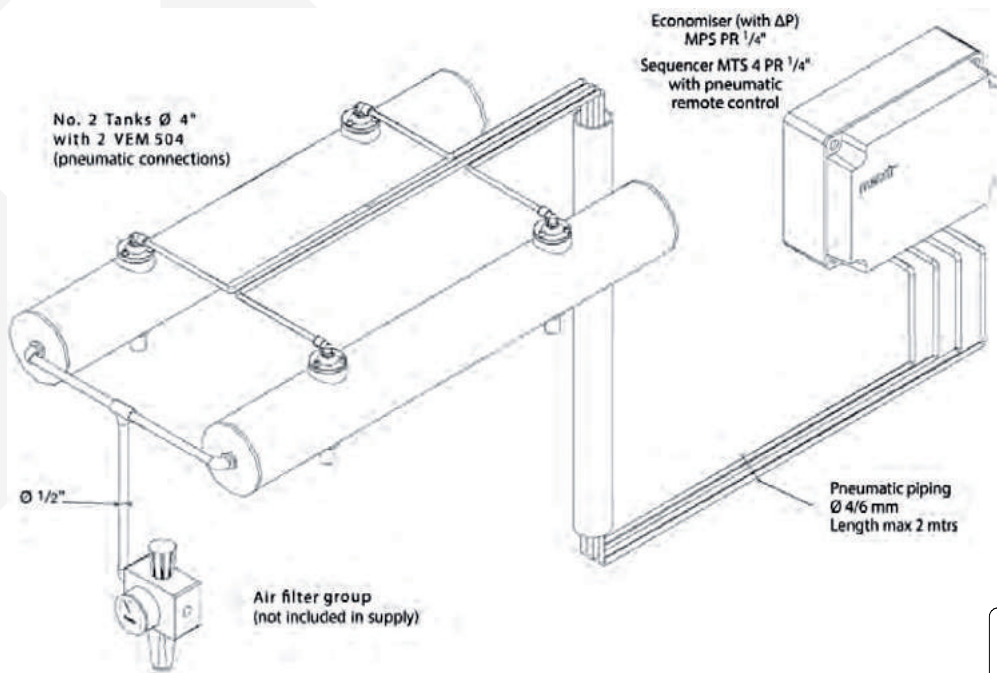
TOP COVER	Diecast aluminium
BODY	Diecast aluminium
PILOT	Brass
BOLTS AND SCREWS	Stainless steel
DIAPHRAGM BACKING PLATE	Nylon
SPRING	Stainless steel

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DESCRIPTION MINI-FULL SYSTEM WITH PNEUMATIC CONNECTIONS

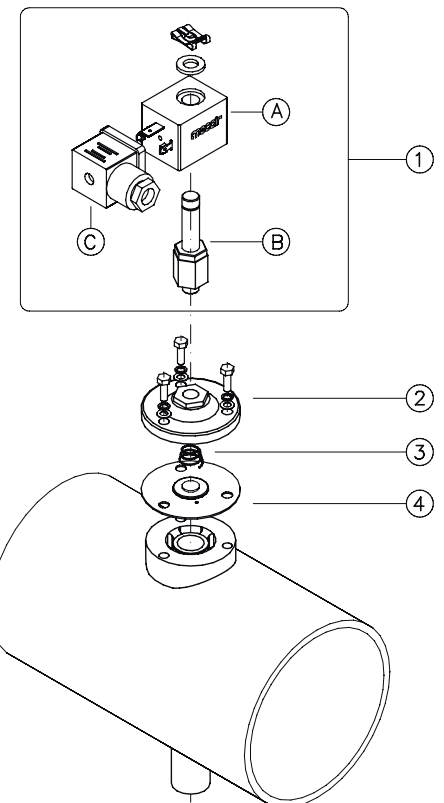


Economiser with ΔP and pilot values incorporated (Max 12) type:

- MPS: PR 1/4" – Solenoid 24 V/DC
Sequencer (with ΔP) and pilot valves incorporated (Max 12) type:

- MTS: PR 1/4" – Solenoid 24 V/DC

Upon request, controllers are available certified in accordance with the European Directive 94/9/CE ATEX II 3 D (Zone 22).



POS.	DESCRIPTION	CODE
1	a) Solenoid	a) KIT SB4 - ../.. (*)
	b) Pilot group	b) KIT CP1/8
	c) DIN connector	c) KIT PLG9
PILOT GROUP WITH COIL AND CONNECTOR		KIT PV - ../.. (*)
PILOT GROUP COMPLETE WITH COVER.		KIT PVM04 - ../.. (*)
COVER.		KIT M110120
SPRING.		KIT M470166
DIAPHRAGM.		KIT DB14

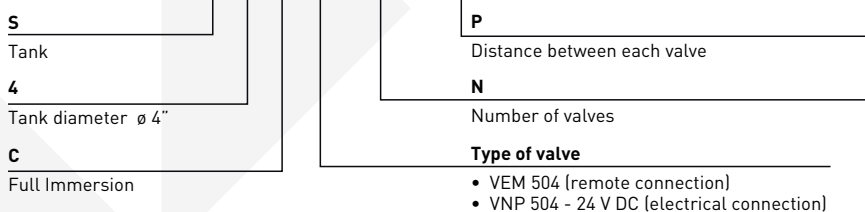
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CODE DESCRIPTION

Part Number Code: **S 4 C 04 N02 P180**



EXAMPLE OF HOW TO ORDER A COMPLETE SYSTEM OF

No. 2 Tank Mini Full "4". Tank complete with No. 2 × 1/2" valves with pneumatic connections. Distance 400 mm.

No. 2 { S4C04N02P400
VEM504

No. 1 Electronic Controller with ΔP complete with 4 remote pilots.

No. 1 { MPS4PR1/4"



MECAIR SRL

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Note: The information and data contained in this document are based on our general experience and are believed to be correct. They are given in good faith and are intended to provide a guideline for the selection and use of our products. Since the conditions under which our products may be used are beyond our control, this information does not imply any guarantee of final product performance and we cannot accept any liability with respect to the use of our products. The quality of our products is guaranteed under our conditions of sale. Existing industrial property rights must be observed.

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