

MECAIR



CLEANING SYSTEMS

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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.

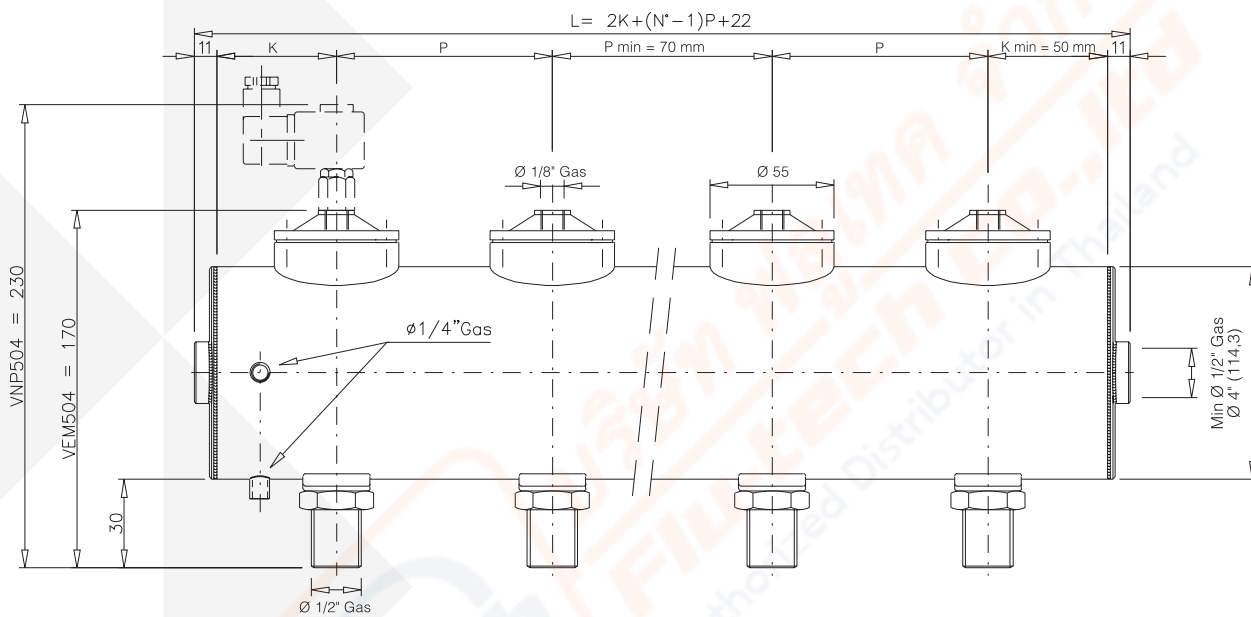


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DESCRIPTION AND DIMENSIONS (MM)



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

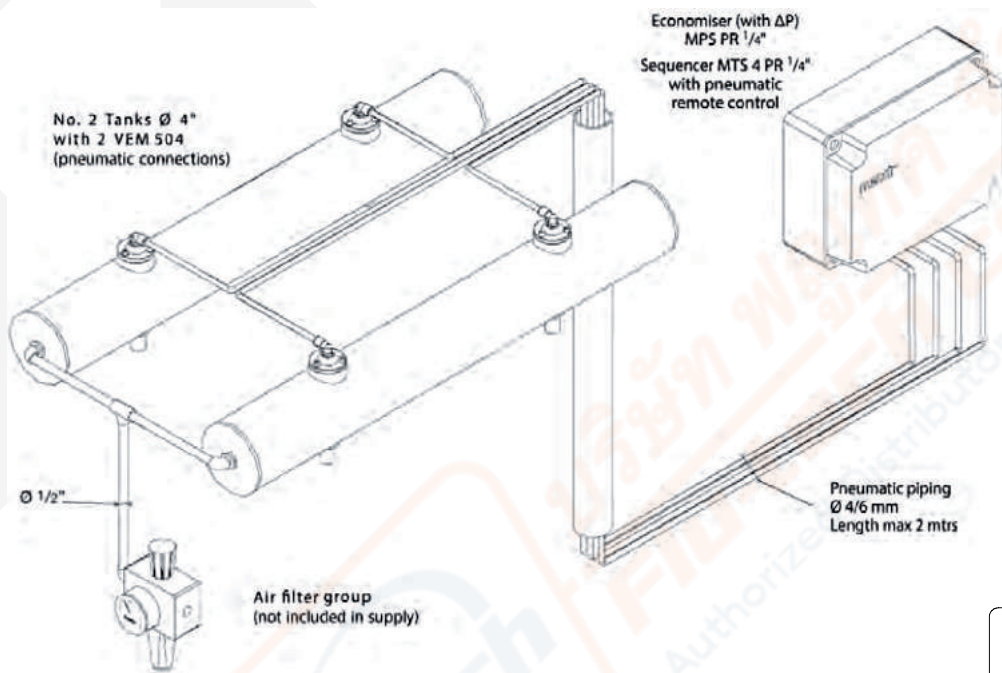
TOP COVER	Diecast aluminium
BODY	Diecast aluminium
PILOT	Brass
BOLTS AND SCREWS	Stainless steel
DIAPHRAGM BACKING PLATE	Nylon
SPRING	Stainless steel

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DESCRIPTION MINI-FULL SYSTEM WITH PNEUMATIC CONNECTIONS

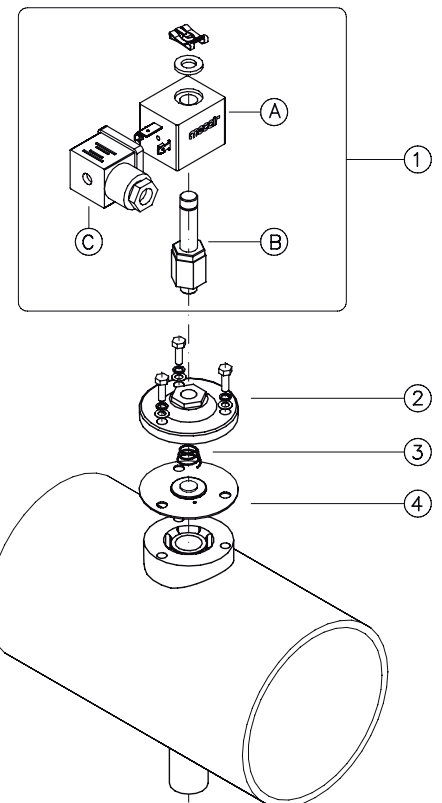


Economiser with ΔP and pilot values incorporated (Max 12) type:

- 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

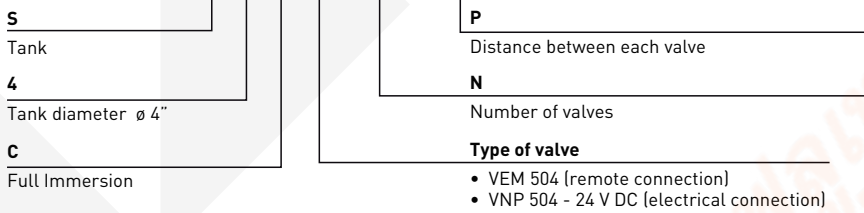
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CODE DESCRIPTION

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 \times 1/2" valves with pneumatic connections. Distance 400 mm.

No. 2 { S4C04N02P400
VEM504

No. 1 Electronic Controller with Δ P complete with 4 remote pilots.

No. 1 { MPS4PR1/4"