

The filtering systems and cartridges manufactured by NARDI COMPRESSORI have been designed and produced to optimize their efficiency and for maximum safety during their use.

The duty of the NARDI COMPRESSORI extensive filter and cartridge range is to purify air and any compressed gases, to remove water and oil remains and any odors that might pass through mechanical separators. These filters are equipped with an extra mechanical separator which spin-dries air and eliminates liquids prior to entry in the filter intake.

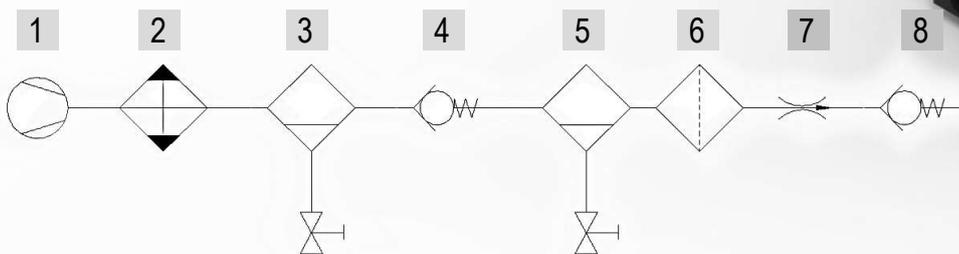
All filters have a maintenance valve to ensure maximum contact of gases with the absorbing materials, this procedure guarantees conformity with breathing air restrictions DIN EN 12021:2014.

The cartridge body is completely built in aluminum, it contains two felt disks to remove larger particles, a molecular sieve to discharge water vapor, activated carbon to eliminate oil vapors and odors and hopcalite (optional) to convert CO to CO<sub>2</sub>.

All cartridges go through a decontamination process, they are sealed and vacuum-packed to ensure integrity of the drying material from any external agents over the time.

Utilizing original NARDI COMPRESSORI accessories is a must!

1. Compressor
2. After cooler
3. Separator
4. Check valve
5. Separator in filter
6. Filter cartridge
7. Pressure maintaining valve
8. Check valve



## FUNCTIONS OF THE NARDI FILTERING-SYSTEM

The filtering system is used to purify gases and compressed air in high pressure from any contaminants such as water, oil, odors and other particles.

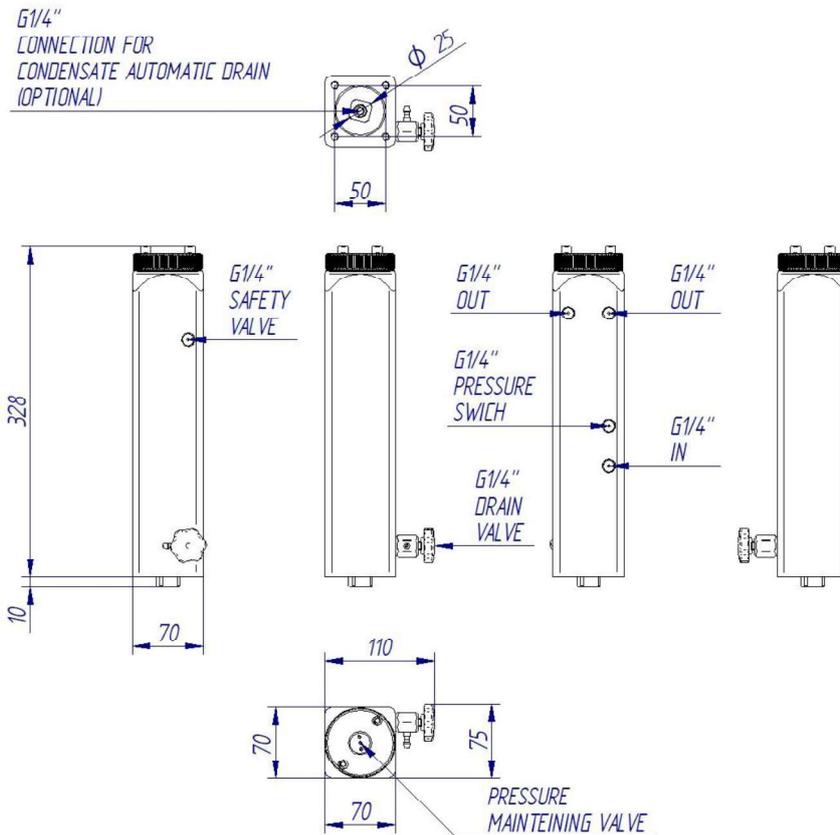
The NARDI filtering-system guarantees limit values within EN 12021 and EN 8573-1 standards for breathing air and other gases for industrial and professional use.



MODEL	PRESSURE RANGE	FREE AIR CAPACITY
ATL	90/350 BAR – 1300/ 5000 psi	160 l/min – 9,6 m <sup>3</sup> /h – 6 cfm
PAC1	90/425 BAR – 1300/ 6160 psi	500 l/min – 30 m <sup>3</sup> /h – 17.5 cfm
PAC2	90/425 BAR – 1300/ 6160 psi	1000 l/min – 60 m <sup>3</sup> /h – 35 cfm
PAC3	90/425 BAR – 1300/ 6160 psi	1000 l/min – 60 m <sup>3</sup> /h – 35 cfm
PAC3 + PAC3	90/425 BAR – 1300/ 6160 psi	2000 l/min – 120 m <sup>3</sup> /h – 70 cfm

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### ATL FILTERING-SYSTEM



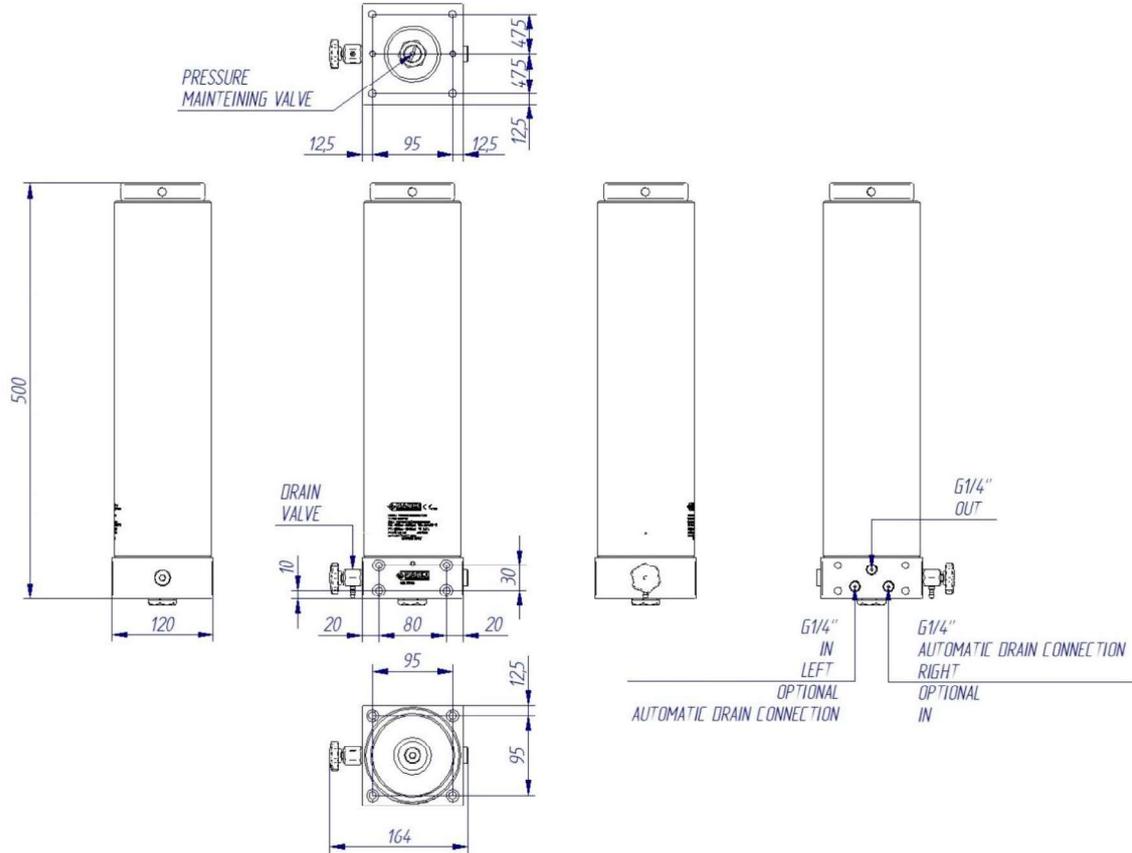
FILTER	DESCRIPTION	CODE
ATL	Filter tower ATL without cartridge for manual condensate drain	AT148-105
ATL	Filter tower ATL without cartridge for automatic condensate drain	AT148-106

CARTRIDGE	DESCRIPTION	CODE
ATL ELET	Cartridge for ATLANTIC electric with MC-AC	AT149-101
ATL GASOL	Cartridge for ATLANTIC gasoline with MC-AC-HO	AT149-102

MC molecular sieve - AC activated carbon - HO hopcalite (CO converter)

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## FILTER PAC1



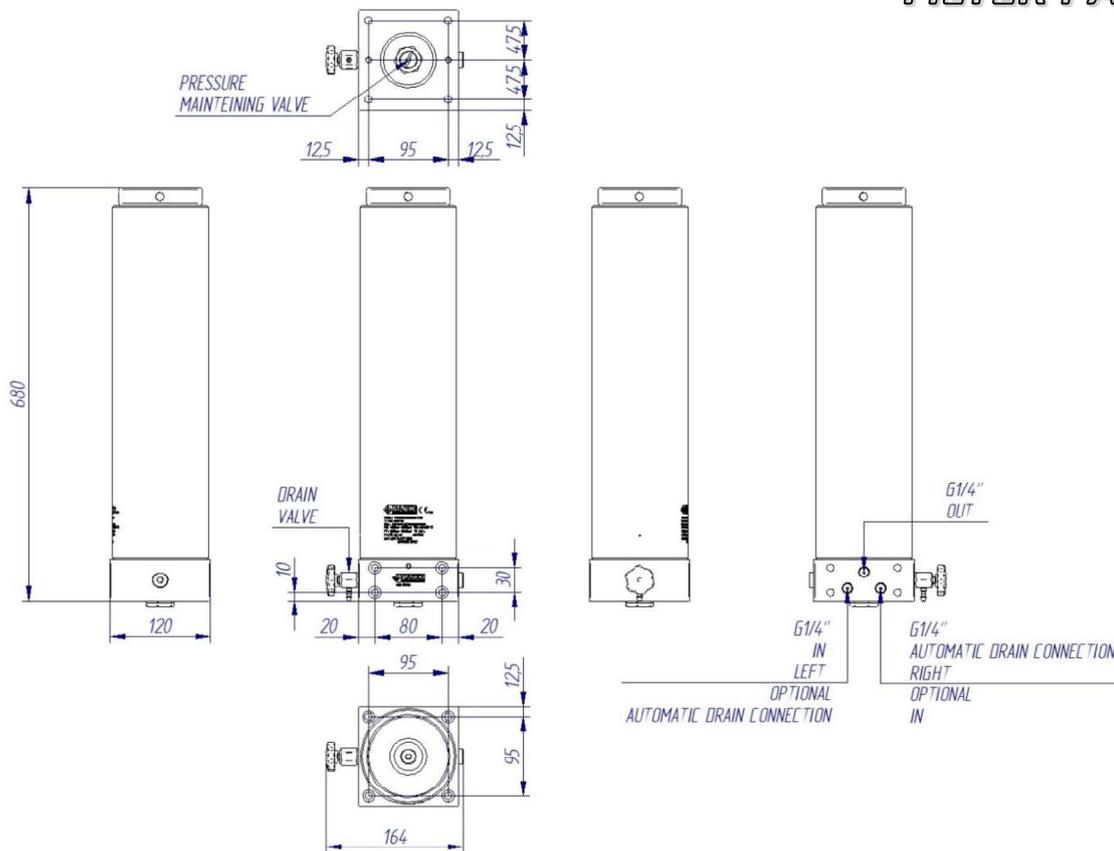
FILTER	DESCRIPTION	CODE
PAC1	Filter Tower PAC1 without cartridge with INLET on the LEFT and with maintaining pressure valve, PED CERTIFIED	PA100-181
PAC1	Filter Tower PAC1 without cartridge with INLET on the RIGHT and with maintaining pressure valve, PED CERTIFIED	PA100-182
PAC1	Filter Tower PAC1 without cartridge with INLET on the LEFT and without maintaining pressure valve, PED CERTIFIED	PA100-183
PAC1	Filter Tower PAC1 without cartridge with INLET on the RIGHT and without maintaining pressure valve, PED CERTIFIED	PA100-184

CARTRIDGE	DESCRIPTION	CODE
PAC1 ELET	Cartridge for PAC1 electric with MC-AC	PA100-101
PAC1 GASOL	Cartridge for PAC1 gasoline with MC-AC-HO	PA100-102
PAC1 IND	Cartridge for PAC1 industrial with MC-AC	PA100-103

MC molecular sieve - AC activated carbon - HO hopcalite (CO converter)

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## FILTER PAC2



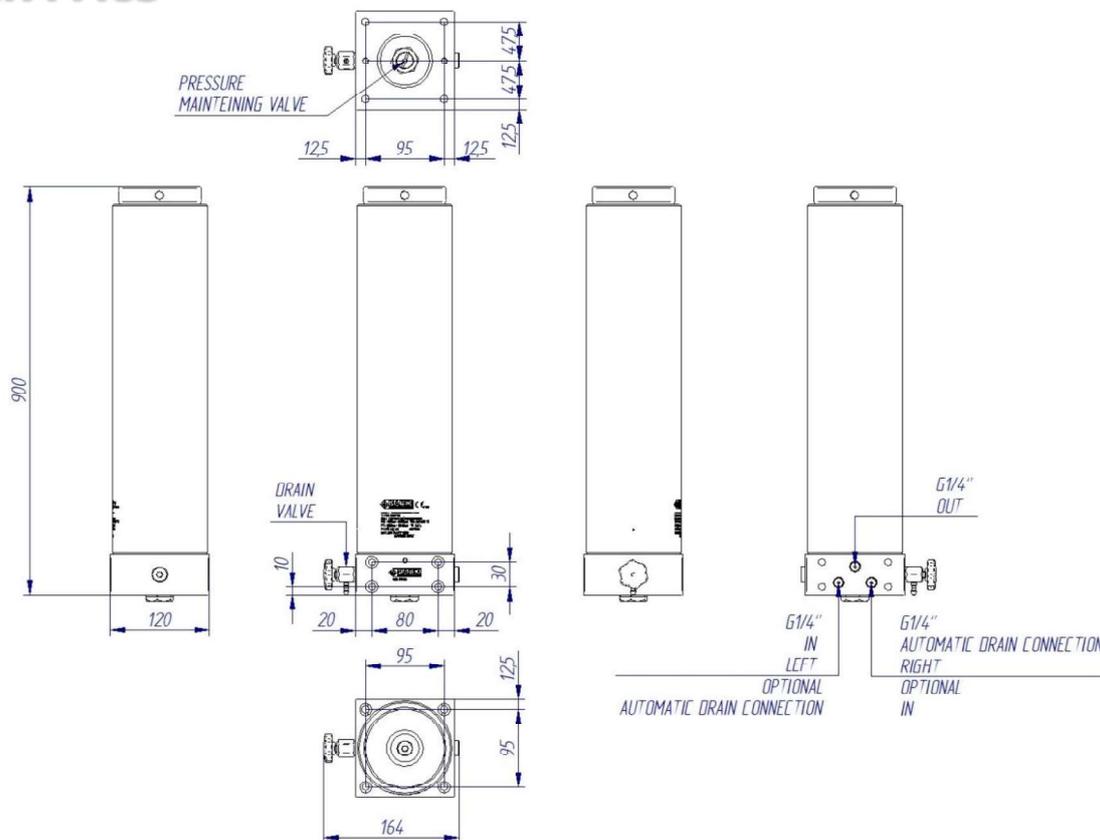
FILTER	DESCRIPTION	CODE
PAC2	Filter Tower PAC2 without cartridge with INLET on the LEFT and with maintaining pressure valve, PED CERTIFIED	PA100-281
PAC2	Filter Tower PAC2 without cartridge with INLET on the RIGHT and with maintaining pressure valve, PED CERTIFIED	PA100-282
PAC2	Filter Tower PAC2 without cartridge with INLET on the LEFT and without maintaining pressure valve, PED CERTIFIED	PA100-283
PAC2	Filter Tower PAC2 without cartridge with INLET on the RIGHT and without maintaining pressure valve, PED CERTIFIED	PA100-284

CARTRIDGE	DESCRIPTION	CODE
PAC2 ELET	Cartridge for PAC2 electric with MC-AC	PA100-201
PAC2 GASOL	Cartridge for PAC2 gasoline with MC-AC-HO	PA100-202
PAC2 IND	Cartridge for PAC2 industrial with MC-AC	PA100-205

MC molecular sieve - AC activated carbon - HO hopcalite (CO converter)

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## FILTER PAC3



FILTER	DESCRIPTION	CODE
PAC3	Filter Tower PAC3 without cartridge with INLET on the LEFT and with maintaining pressure valve, PED CERTIFIED	PA100-381
PAC3	Filter Tower PAC3 without cartridge with INLET on the RIGHT and with maintaining pressure valve, PED CERTIFIED	PA100-382
PAC3	Filter Tower PAC3 without cartridge with INLET on the LEFT and without maintaining pressure valve, PED CERTIFIED	PA100-383
PAC3	Filter Tower PAC3 without cartridge with INLET on the RIGHT and without maintaining pressure valve, PED CERTIFIED	PA100-384

CARTRIDGE	DESCRIPTION	CODE
PAC3 ELET	Cartridge for PAC3 electric with MC-AC	PA100-301
PAC3 GASOL	Cartridge for PAC3 gasoline with MC-AC-HO	PA100-302
PAC3 IND	Cartridge for PAC3 industrial with MC-AC	PA100-305

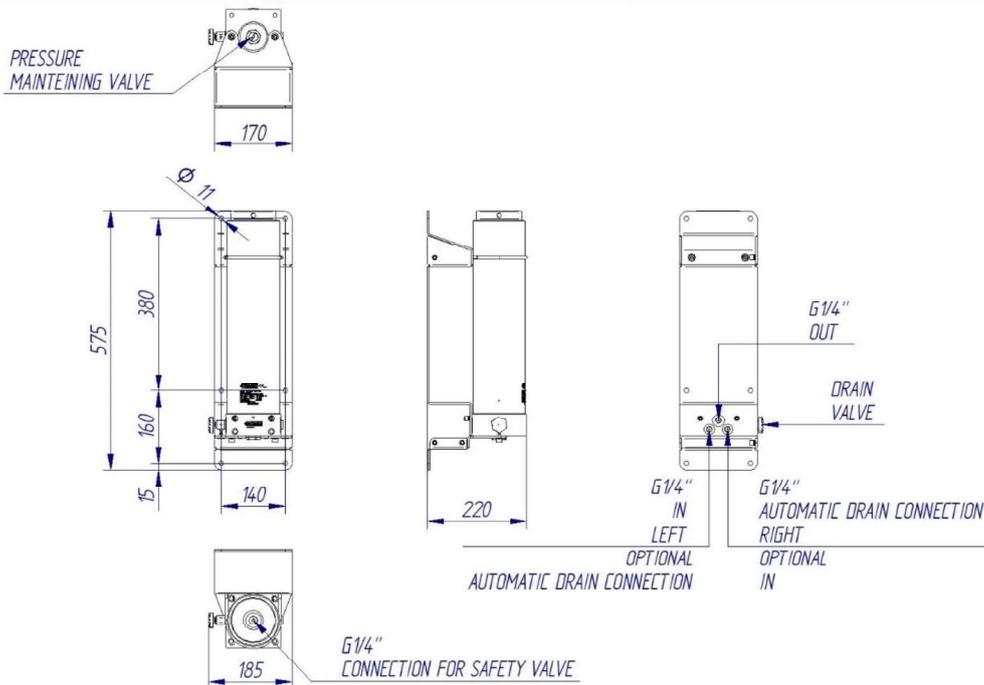
MC moleculare sieve - AC activated carbon - HO hopcalite (CO converter)

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## PAC FILTER WALL MOUNTING SYSTEM



### WALL MOUNTING PAC1

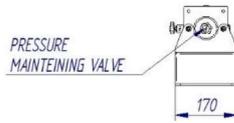


FILTER	DESCRIPTION	CODE
PAC1	Filter Tower PAC1 with wall mounting system without cartridge with INLET on the LEFT, with maintaining pressure valve, PED CERTIFIED	PA100-191
PAC1	Filter Tower PAC1 with wall mounting system without cartridge with INLET on the RIGHT, with maintaining pressure valve, PED CERTIFIED	PA100-192

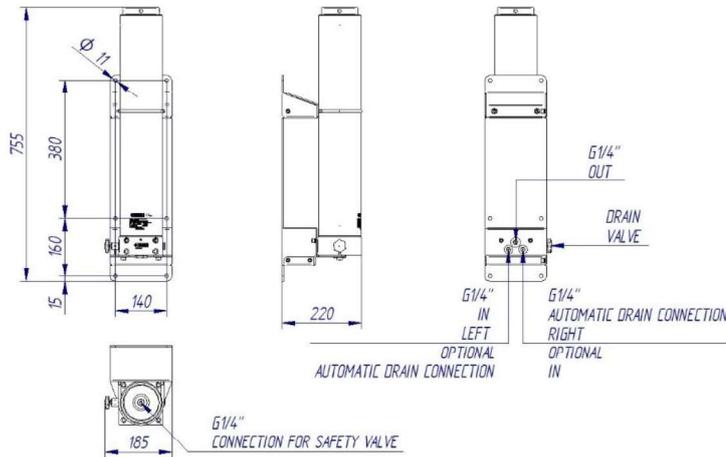
SUPPLIED WITHOUT SAFETY VALVE

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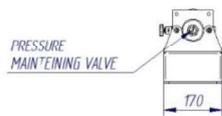
# PURIFICATION SYSTEM



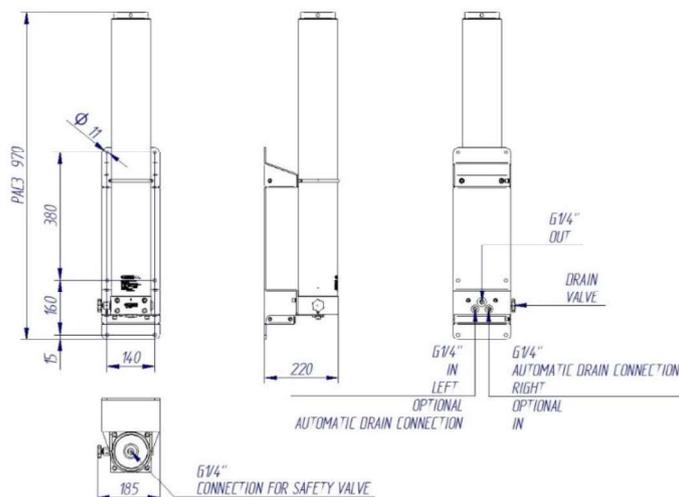
## WALL MOUNTING PAC2



FILTER	DESCRIPTION	CODE
PAC2	Filter Tower PAC2 with wall mounting system without cartridge with INLET on the LEFT, with maintaining pressure valve, PED CERTIFIED	PA100-291
PAC2	Filter Tower PAC2 with wall mounting system without cartridge with INLET on the RIGHT, with maintaining pressure valve, PED CERTIFIED	PA100-292

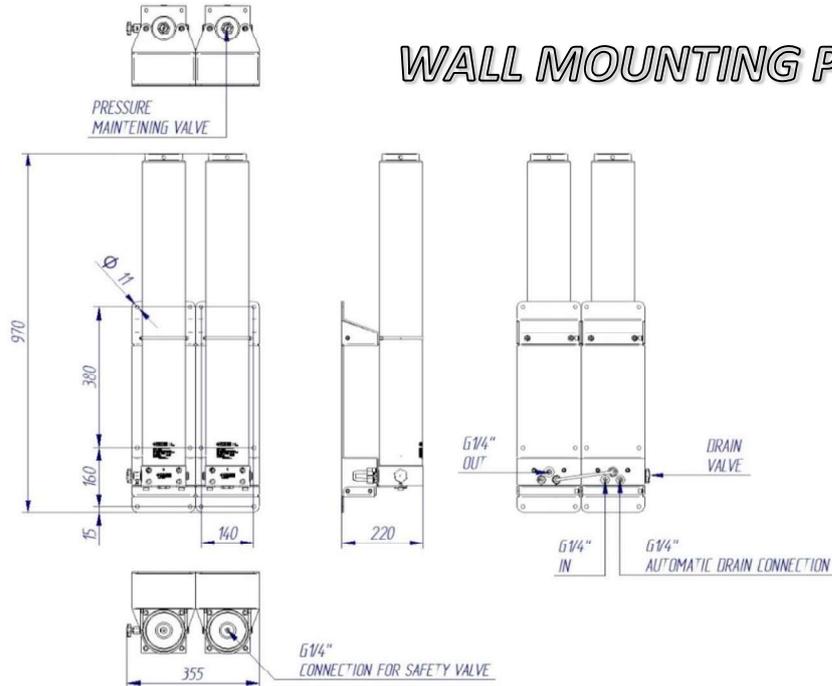


## WALL MOUNTING PAC3



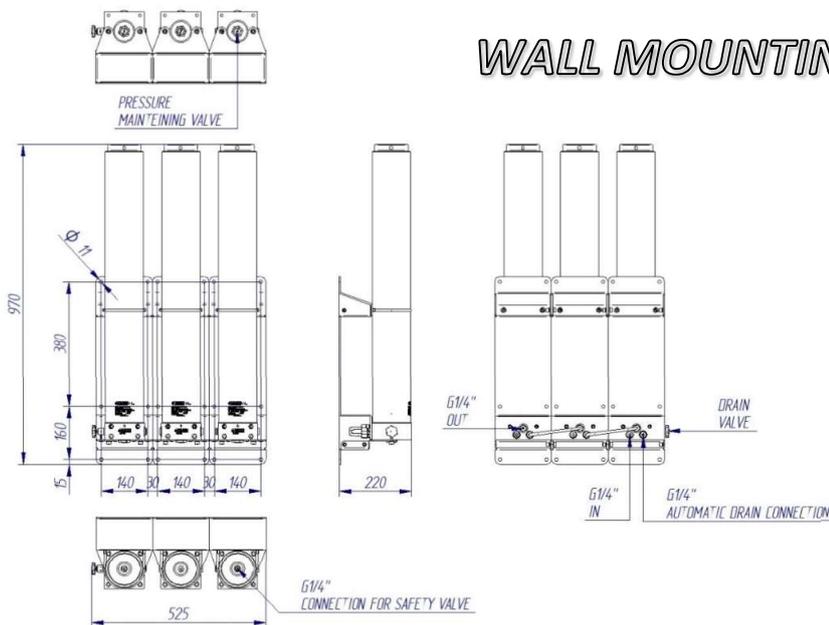
FILTER	DESCRIPTION	CODE
PAC3	Filter Tower PAC3 with wall mounting system without cartridge with INLET on the LEFT, with maintaining pressure valve, PED CERTIFIED	PA100-391
PAC3	Filter Tower PAC3 with wall mounting system without cartridge with INLET on the RIGHT, with maintaining pressure valve, PED CERTIFIED	PA100-392

SUPPLIED WITHOUT SAFETY VALVE  
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## WALL MOUNTING PAC3 x 2

FILTER	DESCRIPTION	CODE
PAC3+PAC3	2 Filter Towers PAC3 with wall mounting system without cartridge with INLET on the LEFT, with maintaining pressure valve, PED CERTIFIED	PA100-394



## WALL MOUNTING PAC3 x 3

FILTER	DESCRIPTION	CODE
PAC3+PAC3+PAC3	3 Filter Towers PAC3 with wall mounting system without cartridge with INLET on the LEFT, with maintaining pressure valve, PED CERTIFIED	PA100-396

SUPPLIED WITHOUT SAFETY VALVE  
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## COMPONENTS FOR FILTERING SYSTEM



DESCRIPTION	CODE	Price
Filter connection G1/4" for tube o6 mm (without washer)	PA100-151	--,-- €
Bonded washer gasket G1/4"	HR701-012	--,-- €



DESCRIPTION	CODE	Price
Filter connection G1/4" for tube o6mm with check valve (without washer)	PA100-149	--,-- €
Bonded washer gasket G1/4"	HR701-012	--,-- €



DESCRIPTION	CODE	Price
Filter connection G1/4" for tube o8mm (without washer)	PA100-152	--,-- €
Bonded washer gasket G1/4"	HR701-012	--,-- €



DESCRIPTION	CODE	Price
Filter connection G1/4" for tube o8mm with check valve (without washer)	PA100-150	--,-- €
Bonded washer gasket G1/4"	HR701-012	--,-- €



DESCRIPTION	CODE	Price
Drain valve G1/4"	AT140-100	--,-- €



DESCRIPTION	CODE	Price
Closure plug G1/4"	HR176-002	--,-- €