



# DOSAFOS PLUS

non-proportional dosing systems  
with polyphosphate crystals

Dosing systems designed for the use on not-for-drinking water applications

# DOSAFOS PLUS

DOSING SYSTEMS WITH POLYPHOSPHATE CRYSTALS



## DOSAFOS PLUS



## DOSAFOS PLUS HA



**POLYPHOSPHATE CRYSTALS REFILL** 0.5 kg and 1.5 kg pack with 6/10 (small) crystals or 10/20 (large) crystals, refill TO DOSAFOS PLUS 3P and DOSAFOS MIGNON PLUS.



**HA polyphosphate cartridges with antimicrobial flat seal**, heights 5", 7", 10", replacements for DOSAFOS HA.



**HA MIGNON polyphosphate cartridge with antimicrobial flat seal** 5" M refill to DOSAFOS MIGNON HA.

### CERTIFICATIONS



Housings are tested and certified under the most stringent procedures worldwide, in compliance with DM 25 (Italy), with the sanitary certification ACS (France), EAC/Ghostregistracia (Russia) and WaterMark (Australia).

### ACCESSORIES ON DEMAND



-U- spanner CODE RB7403013



-L- spanner for Mignon 3P  
CODE RB7403001

-M- spanner for Mignon 2P  
CODE RB7403002



-S- wall bracket CODE RB7400007



3/4" brass nipples with o-ring (pair) CODE RB7404001

1" brass nipples with o-ring (pair) CODE RB7404002



3/4" plastic nipple with o-ring CODE LB7404012



-LUBRIKIT- single-dose lubricant for housing o-ring  
CODE RE9020650

### SYMBOLS LEGEND



For domestic use



For technical and industrial use



Filter housings made in PET, a highly recyclable plastic, are manufactured with a proprietary procedure saving up to 60% of energy in injection molding compared with standard plastics. That is one of Atlas Filtri commitments to comply with Kyoto Treaty for the reduction of green house gas (CO<sub>2</sub>) emissions in the atmosphere.



DOSAFOS SENIOR PLUS 3P

HOUSINGS MODEL      VERSION      IN / OUT      THREADS TYPE      POLYPHOSPHATE CHARGE TYPE



<b>A</b>	<b>FO</b>	<b>SX</b>
<b>M</b> 1/2"	<b>FO - BRASS BSP *</b>	<b>SX - LOOSE CRYSTALS</b>
<b>A</b> 3/4"		
<b>B</b> 1"	<b>FP - PLASTIC BSP *</b>	<b>SX + HA CARTRIDGE</b>
	<b>FP-NPT - PLASTIC NPT **</b>	
	<b>MP - PLASTIC BSP *</b>	

\* **BSP** parallel (cylindrical) ISO 228

\*\* **NPT** tapered (conical) ANSI/ASME B1.20.1



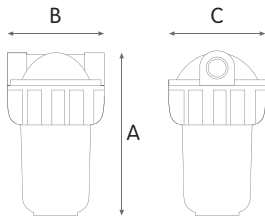
# DOSAFOS MIGNON PLUS 3P

## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 35°C (95°F)  
 Min working temperature \_\_\_\_\_ 4°C (39,2°F)  
 Max total hardness \_\_\_\_\_ 50°F (500 ppm CaCO<sub>3</sub>)

## SPECIFICATIONS

Non-toxic materials, suitable for drinking water.  
 Head / ring nut: reinforced polypropylene.  
 Bowl: SAN.  
 O-ring: EPDM.  
 IN/OUT brass threads: CW 617 N brass.



**Remark** - Water treated with polyphosphate can be heated up to a max temperature of 75° - 80°C, beyond that temperature the polyphosphate gradually loses its efficacy.

## 2 PORTS HEADS

### DOSAFOS MIGNON PLUS 3P with polyphosphate loose crystals

#### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA404P511	DOSAFOS MIGNON PLUS L3P MFO	LOOSE CRYSTALS	265	1/2"	176	94	89
RA404P531	DOSAFOS MIGNON PLUS L3P AFO	LOOSE CRYSTALS	265	3/4"	178	94	89
RA403P511	DOSAFOS MIGNON PLUS S3P MFO	LOOSE CRYSTALS	265	1/2"	177	90	89

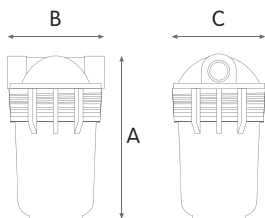
g\* = polyphosphate crystals amount in grams



### DOSAFOS MIGNON PLUS 3P with HA polyphosphate crystals cartridge

#### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA403P524	DOSAFOS MIGNON PLUS L3P MFO+ HA	HA 5" M SX CARTRIDGE	1/2"	176	94	89
RA404P534	DOSAFOS MIGNON PLUS L3P AFO + HA	HA 5" M SX CARTRIDGE	3/4"	178	94	89
RA403P514	DOSAFOS MIGNON PLUS S3P MFO + HA	HA 5" M SX CARTRIDGE	1/2"	177	90	89



### DOSAFOS MIGNON PLUS 2P with polyphosphate loose crystals

#### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA404P612	DOSAFOS MIGNON PLUS L2P MFO	LOOSE CRYSTALS	275	1/2"	176	94	89
RA404P622	DOSAFOS MIGNON PLUS L2P AFO	LOOSE CRYSTALS	275	3/4"	178	94	89
RA403P612	DOSAFOS MIGNON PLUS S2P MFO	LOOSE CRYSTALS	275	1/2"	177	90	89

g\* = polyphosphate crystals amount in grams



### DOSAFOS MIGNON PLUS 2P with HA polyphosphate crystals cartridge

#### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA403P624	DOSAFOS MIGNON PLUS L2P MFO + HA	HA 5" M SX CARTRIDGE	1/2"	176	94	89
RA403P622	DOSAFOS MIGNON PLUS L2P AFO + HA	HA 5" M SX CARTRIDGE	3/4"	178	94	89
RA403P614	DOSAFOS MIGNON PLUS S2P MFO + HA	HA 5" M SX CARTRIDGE	1/2"	177	90	89



# DOSAFOS MIGNON PLUS SL

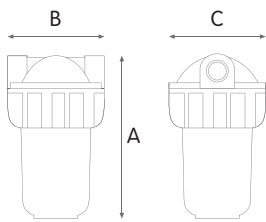
## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 8 bar (116 psi)  
 Max working temperature \_\_\_\_\_ 35°C (95°F)  
 Min working temperature \_\_\_\_\_ 4°C (39,2°F)  
 Max total hardness \_\_\_\_\_ 50°F (500 ppm CaCO<sub>3</sub>)

**Remark** - Water treated with polyphosphate can be heated up to a max temperature of 75° - 80°C, beyond that temperature the polyphosphate gradually loses its efficacy.

## SPECIFICATIONS

Non-toxic materials, suitable for drinking water.  
 Head / ring nut: reinforced polypropylene.  
 Bowl: SAN.  
 O-ring: EPDM.  
 IN/OUT brass threads: CW 617 N brass.



## 3 PORTS HEADS

### DOSAFOS MIGNON PLUS 3P with polyphosphate loose crystals

#### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA404P411	DOSAFOS MIGNON PLUS SL3P MFO	LOOSE CRYSTALS	265	1/2"	187	92	83

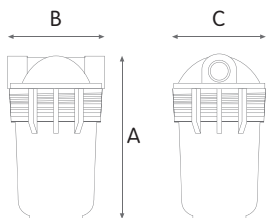
g\* = polyphosphate crystals amount in grams



### DOSAFOS MIGNON PLUS 3P with HA polyphosphate crystals cartridge

#### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA404P414	DOSAFOS MIGNON PLUS SL3P MFO + HA	HA 5" M SX CARTRIDGE	1/2"	187	92	83



### DOSAFOS MIGNON PLUS 2P with polyphosphate loose crystals

#### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA403P414	DOSAFOS MIGNON PLUS SL2P MFO	LOOSE CRYSTALS	275	1/2"	192	92	83

g\* = polyphosphate crystals amount in grams



### DOSAFOS MIGNON PLUS 2P with HA polyphosphate crystals cartridge

#### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA403P424	DOSAFOS MIGNON PLUS SL2P MFO + HA	HA 5" M SX CARTRIDGE	1/2"	192	92	83

