



# DOSAPROP PLUS

proportional dosing systems  
with polyphosphate crystals

Dosing systems designed for the use with drinking water

# DOSAPROP PLUS

DOSING SYSTEMS WITH POLYPHOSPHATE CRYSTALS

Proportional dosing system equipped with device providing "Venturi" effect.



## DOSAPROP PLUS



## DOSAPROP 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 DOSAPROP PLUS 3P and DOSAPROP MIGNON PLUS.



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



**HA MIGNON polyphosphate cartridge with antimicrobial flat seal** 5" M refill to DOSAPROP 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/Ghostreghistrizia (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





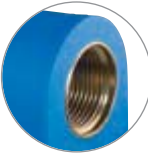



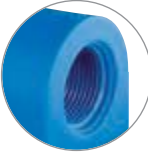

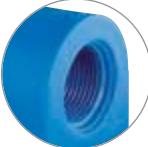
Filter housings made in PET, a highly recyclable plastic, are manufactured with a proprietary procedure saving up to 60% of energy in injection molding compared with standard plastics. That is one of Atlas Filtri commitments to comply with Kyoto Treaty for the reduction of green house gas (CO<sub>2</sub>)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

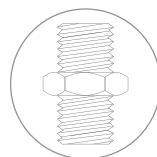
HOUSINGS RANGE



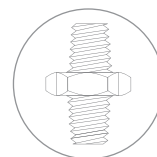
DOSAPROP SENIOR PLUS 3P A FO SX

HOUSINGS MODEL      VERSION      IN / OUT      THREADS TYPE      POLYPHOSPHATE CHARGE TYPE

MIGNON L 3P	3P	M 1/2"	FO - BRASS BSP *	SX - LOOSE CRYSTALS
		A 3/4"		
MIGNON L 2P	2P	B 1"	FP - PLASTIC BSP *	SX + HA CARTRIDGE
				
			FP-NPT - PLASTIC NPT **	
				



\* BSP  
parallel (cylindrical)  
ISO 228

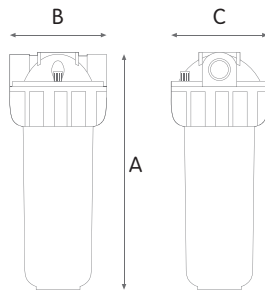


\*\* NPT  
tapered (conical)  
ANSI/ASME B1.20.1

ANTI-SCALE  
SYSTEMS



# DOSAPROP PLUS 3P



## WORKING CONDITIONS

Max working pressure:  
 BSP versions \_\_\_\_\_ 8 bar (116 psi)  
 NPT versions \_\_\_\_\_ 8,6 bar (125 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 and ring nut: reinforced polypropylene.  
 Bowl: PET.  
 O-ring: EPDM.  
 Breather-valve: body polypropylene, 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.

## DOSAPROP PLUS 3P SX with polyphosphate loose crystals

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA401T831	DOSAPROP MEDIUM PLUS 3P AFO SX	LOOSE CRYSTALS	650	3/4"	191	133	130
RA401T851	DOSAPROP MEDIUM PLUS 3P BFO SX	LOOSE CRYSTALS	650	1"	197	145	130
RA401T931	DOSAPROP JUNIOR PLUS 3P AFO SX	LOOSE CRYSTALS	1050	3/4"	241	133	130
RA401T951	DOSAPROP JUNIOR PLUS 3P BFO SX	LOOSE CRYSTALS	1050	1"	247	145	130
RA401T131	DOSAPROP SENIOR PLUS 3P AFO SX	LOOSE CRYSTALS	1550	3/4"	315	133	130
RA401T151	DOSAPROP SENIOR PLUS 3P BFO SX	LOOSE CRYSTALS	1550	1"	321	145	130

g\* = polyphosphate crystals amount in grams



### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA401T836	DOSAPROP MEDIUM PLUS 3P AFP SX	LOOSE CRYSTALS	650	3/4"	191	133	130
RA401T856	DOSAPROP MEDIUM PLUS 3P BFP SX	LOOSE CRYSTALS	650	1"	197	145	130
RA401T936	DOSAPROP JUNIOR PLUS 3P AFP SX	LOOSE CRYSTALS	1050	1/2"	241	133	130
RA401T956	DOSAPROP JUNIOR PLUS 3P BFP SX	LOOSE CRYSTALS	1050	1"	247	145	130
RA401T136	DOSAPROP SENIOR PLUS 3P AFP SX	LOOSE CRYSTALS	1550	3/4"	315	133	130
RA401T156	DOSAPROP SENIOR PLUS 3P BFP SX	LOOSE CRYSTALS	1550	1"	321	145	130

### HOUSINGS WITH PLASTIC NPT THREADS

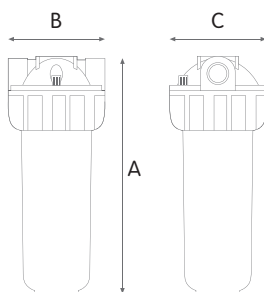
CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA401T837	DOSAPROP MEDIUM PLUS 3P AFP NPT SX	LOOSE CRYSTALS	650	3/4"	191	133	130
RA401T857	DOSAPROP MEDIUM PLUS 3P BFP NPT SX	LOOSE CRYSTALS	650	1"	197	145	130
RA401T937	DOSAPROP JUNIOR PLUS 3P AFP NPT SX	LOOSE CRYSTALS	1050	3/4"	241	133	130
RA401T957	DOSAPROP JUNIOR PLUS 3P BFP NPT SX	LOOSE CRYSTALS	1050	1"	247	145	130
RA401T137	DOSAPROP SENIOR PLUS 3P AFP NPT SX	LOOSE CRYSTALS	1550	3/4"	315	133	130
RA401T157	DOSAPROP SENIOR PLUS 3P BFP NPT SX	LOOSE CRYSTALS	1550	1"	321	145	130

g\* = polyphosphate crystals amount in grams

Some items in the list are subject to minimum order quantities and/or to longer delivery term.



# DOSAPROP PLUS 3P HA



## WORKING CONDITIONS

Max working pressure:  
 BSP versions \_\_\_\_\_ 8 bar (116 psi)  
 NPT versions \_\_\_\_\_ 8,6 bar (125 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 and ring nut: reinforced polypropylene.  
 Bowl: PET.  
 O-ring: EPDM.  
 Breather-valve: body polypropylene, o-ring EPDM.  
 IN/OUT brass threads: CW 617 N brass.

## DOSAPROP PLUS 3P SX HA with HA polyphosphate crystals cartridge

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA401T834	DOSAPROP MEDIUM PLUS 3P AFO SX + HA	HA 5" SX CARTRIDGE	3/4"	191	133	130
RA401T854	DOSAPROP MEDIUM PLUS 3P BFO SX + HA	HA 5" SX CARTRIDGE	1"	197	145	130
RA401T934	DOSAPROP JUNIOR PLUS 3P AFO SX + HA	HA 7" SX CARTRIDGE	3/4"	241	133	130
RA401T954	DOSAPROP JUNIOR PLUS 3P BFO SX + HA	HA 7" SX CARTRIDGE	1"	247	145	130
RA401T134	DOSAPROP SENIOR PLUS 3P AFO SX + HA	HA 10" SX CARTRIDGE	3/4"	315	133	130
RA401T154	DOSAPROP SENIOR PLUS 3P BFO SX + HA	HA 10" SX CARTRIDGE	1"	321	145	130

### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA401T838	DOSAPROP MEDIUM PLUS 3P AFP SX + HA	HA 5" SX CARTRIDGE	3/4"	191	133	130
RA401T858	DOSAPROP MEDIUM PLUS 3P BFP SX + HA	HA 5" SX CARTRIDGE	1"	197	145	130
RA401T938	DOSAPROP JUNIOR PLUS 3P AFP SX + HA	HA 7" SX CARTRIDGE	3/4"	241	133	130
RA401T958	DOSAPROP JUNIOR PLUS 3P BFP SX + HA	HA 7" SX CARTRIDGE	1"	247	145	130
RA401T138	DOSAPROP SENIOR PLUS 3P AFP SX + HA	HA 10" SX CARTRIDGE	3/4"	315	133	130
RA401T158	DOSAPROP SENIOR PLUS 3P BFP SX + HA	HA 10" SX CARTRIDGE	1"	321	145	130

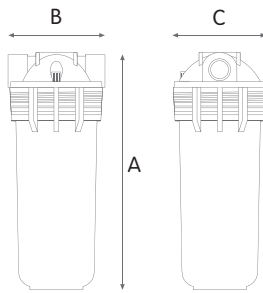
### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA401T839	DOSAPROP MEDIUM PLUS 3P AFP NPT SX + HA	HA 5" SX CARTRIDGE	3/4"	191	133	130
RA401T859	DOSAPROP MEDIUM PLUS 3P BFP NPT SX + HA	HA 5" SX CARTRIDGE	1"	197	145	130
RA401T939	DOSAPROP JUNIOR PLUS 3P AFP NPT SX + HA	HA 7" SX CARTRIDGE	3/4"	241	133	130
RA401T959	DOSAPROP JUNIOR PLUS 3P BFP NPT SX + HA	HA 7" SX CARTRIDGE	1"	247	145	130
RA401T139	DOSAPROP SENIOR PLUS 3P AFP NPT SX + HA	HA 10" SX CARTRIDGE	3/4"	315	133	130
RA401T159	DOSAPROP SENIOR PLUS 3P BFP NPT SX + HA	HA 10" SX CARTRIDGE	1"	321	145	130

Some items in the list are subject to minimum order quantities and/or to longer delivery term.



# DOSAPROP PLUS 2P



## 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: reinforced polypropylene.  
 Bowl: SAN.  
 O-ring: EPDM.  
 Breather-valve: body polypropylene, 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.

## DOSAPROP PLUS 2P SX with polyphosphate loose crystals

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA401P732	DOSAPROP CADET PLUS 2P AFO SX	LOOSE CRYSTALS	400	3/4"	191	133	130
RA401P752	DOSAPROP CADET PLUS 2P BFO SX	LOOSE CRYSTALS	400	1"	197	145	130
RA401P032	DOSAPROP JUNIOR PLUS 2P AFO SX	LOOSE CRYSTALS	950	3/4"	241	133	130
RA401P052	DOSAPROP JUNIOR PLUS 2P BFO SX	LOOSE CRYSTALS	950	1"	247	145	130
RA401P232	DOSAPROP SENIOR PLUS 2P AFO SX	LOOSE CRYSTALS	1500	3/4"	315	133	130
RA401P252	DOSAPROP SENIOR PLUS 2P BFO SX	LOOSE CRYSTALS	1500	1"	321	145	130

g\* = polyphosphate crystals amount in grams



### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA401P736	DOSAPROP CADET PLUS 2P AFP SX	LOOSE CRYSTALS	400	3/4"	191	133	130
RA401P756	DOSAPROP CADET PLUS 2P BFP SX	LOOSE CRYSTALS	400	1"	197	145	130
RA401P036	DOSAPROP JUNIOR PLUS 2P AFP SX	LOOSE CRYSTALS	950	3/4"	241	133	130
RA401P056	DOSAPROP JUNIOR PLUS 2P BFP SX	LOOSE CRYSTALS	950	1"	247	145	130
RA401P236	DOSAPROP SENIOR PLUS 2P AFP SX	LOOSE CRYSTALS	1500	3/4"	315	133	130
RA401P256	DOSAPROP SENIOR PLUS 2P BFP SX	LOOSE CRYSTALS	1500	1"	321	145	130

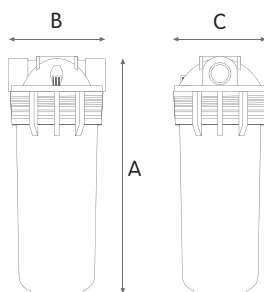
### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	DIMENSIONS mm		
					A	B	C
RA401P737	DOSAPROP CADET PLUS 2P AFP NPT SX	LOOSE CRYSTALS	400	3/4"	191	133	130
RA401P757	DOSAPROP CADET PLUS 2P BFP NPT SX	LOOSE CRYSTALS	400	1"	197	145	130
RA401P037	DOSAPROP JUNIOR PLUS 2P AFP NPT SX	LOOSE CRYSTALS	950	3/4"	241	133	130
RA401P057	DOSAPROP JUNIOR PLUS 2P BFP NPT SX	LOOSE CRYSTALS	950	1"	247	145	130
RA401P237	DOSAPROP SENIOR PLUS 2P AFP NPT SX	LOOSE CRYSTALS	1500	3/4"	315	133	130
RA401P257	DOSAPROP SENIOR PLUS 2P BFP NPT SX	LOOSE CRYSTALS	1500	1"	321	145	130

g\* = polyphosphate crystals amount in grams



# DOSAPROP PLUS 2P HA



## 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: reinforced polypropylene.  
 Bowl: SAN.  
 O-ring: EPDM.  
 Breather-valve: body polypropylene, o-ring EPDM.  
 IN/OUT brass threads: CW 617 N brass.



## DOSAPROP PLUS 2P SX HA with HA polyphosphate crystals cartridge

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA401P034	DOSAPROP JUNIOR PLUS 2P AFO SX + HA	HA 7" SX CARTRIDGE	3/4"	241	133	130
RA401P054	DOSAPROP JUNIOR PLUS 2P BFO SX + HA	HA 7" SX CARTRIDGE	1"	247	145	130
RA401P234	DOSAPROP SENIOR PLUS 2P AFO SX + HA	HA 10" SX CARTRIDGE	3/4"	315	133	130
RA401P254	DOSAPROP SENIOR PLUS 2P BFO SX + HA	HA 10" SX CARTRIDGE	1"	321	145	130

### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA401P038	DOSAPROP JUNIOR PLUS 2P AFP SX + HA	HA 7" SX CARTRIDGE	3/4"	241	133	130
RA401P058	DOSAPROP JUNIOR PLUS 2P BFP SX + HA	HA 7" SX CARTRIDGE	1"	247	145	130
RA401P238	DOSAPROP SENIOR PLUS 2P AFP SX + HA	HA 10" SX CARTRIDGE	3/4"	315	133	130
RA401P258	DOSAPROP SENIOR PLUS 2P BFP SX + HA	HA 10" SX CARTRIDGE	1"	321	145	130

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA401P039	DOSAPROP JUNIOR PLUS 2P AFP NPT SX + HA	HA 7" SX CARTRIDGE	3/4"	241	133	130
RA401P059	DOSAPROP JUNIOR PLUS 2P BFP NPT SX + HA	HA 7" SX CARTRIDGE	1"	247	145	130
RA401P239	DOSAPROP SENIOR PLUS 2P AFP NPT SX + HA	HA 10" SX CARTRIDGE	3/4"	315	133	130
RA401P259	DOSAPROP SENIOR PLUS 2P BFP NPT SX + HA	HA 10" SX CARTRIDGE	1"	321	145	130