

ANTI-SCALE SYSTEMS

DOSAPROP PLUS

proportional dosing systems with polyphosphate crystals

Proportional dosing systems designed for the use with drinking water, with maximum polyphosphate release at 5 mg/l in compliance with UE Directive 98/83/CE. DOSAPROP PLUS are available in 2 main, versions with IN/OUT connections at 1/2", 3/4", 1", brass BSP threads:

- **3P** models with loose crystals and 3P HA models with polyphosphate cartridge, all models available with heights 5", 7", 10".
- **2P** models with loose crystals and 2P HA models with polyphosphate cartridge, all models available with heights 4", 7", 10".
- **DOSAPROP MIGNON PLUS**, with reduced dimensions, are designed for applications at the point of use (boilers) and available in 3P and 2P versions, with 2 IN/OUT ports and 3 IN/OUT ports models.

DOSAPROP PLUS are manufactured with the finest and most advanced materials under constant focus on innovative processing technologies and ceaseless modernization to ensure the absolute quality of our products.

The housings are certified under the most stringent certification procedures and standards: DM 25 (Italy), ACS (France), EAC (Russia).

Custom combinations of colors are available upon minimum quantity.

A full set of accessories is available on demand to complete the housings kit: wall bracket, opening spanner, and brass or plastic nipples with o-ring.

DOSAPROP PLUS

DOSING SYSTEMS WITH POLYPHOSPHATE CRYSTALS

Proportional dosing system equipped with device providing "Venturi" effect, dosing polyphosphate in compliance with UE Directive 98/83/CE for drinking water.





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.

HOUSINGS CERTIFICATIONS

The products are tested and certified under the most stringent procedures worldwide, **in compliance with DM 25 (Italy), EAC (Russia) and with the sanitary certification ACS (France).**



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

ACCESSORIES ON DEMAND



-U- spanner CODE RB7403013



-L- spanner for Mignon 3P CODE RB7403001

-M- spanner for Mignon 2P 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

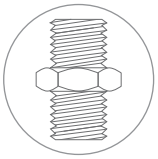
Filter housings made in PET, a highly recyclable plastic, are manufactured with a proprietary procedure saving up to 60% of energy in injection molding compared with standard plastics. That is one of Atlas Filtri commitments to comply with Kyoto Treaty for the reduction of green house gas (CO_2) emissions in the atmosphere.

HOUSINGS RANGE

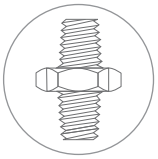


DOSAPROP SENIOR PLUS 3P A FO SX

HOUSINGS MODEL	VERSION	IN / OUT	THREADS TYPE	POLYPHOSPHATE CHARGE TYPE
MIGNON L 3P	3P	M 1/2”	FO - BRASS BSP *	SX - LOOSE CRYSTALS
MIGNON L 2P	2P	A 3/4”	FP - PLASTIC BSP *	SX + HA CARTRIDGE
		B 1”	FP-NPT - PLASTIC NPT **	

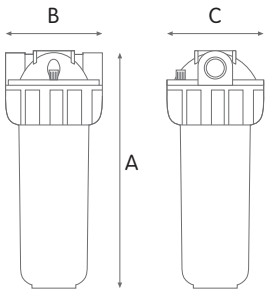


*** BSP**
parallel (cylindrical)
ISO 228



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

DOSAPROP 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 $CaCO_3$)

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 614 N brass.



DOSAPROP PLUS 3P SX with polyphosphate loose crystals

HOUSINGS WITH BRASS BSP THREADS

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

g* = polyposphate crystals amount in grams



HOUSINGS WITH PLASTIC BSP THREADS

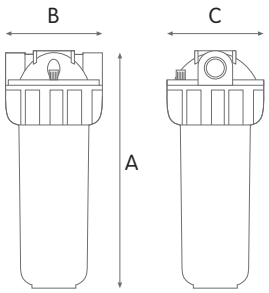
CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	THREADS	DIMENSIONS mm A	B	C
RA401T836	DOSAPROP MEDIUM PLUS 3P AFP SX	LOOSE CRYSTALS	650	3/4"	PLASTIC-BSP	191	133	130
RA401T856	DOSAPROP MEDIUM PLUS 3P BFP SX	LOOSE CRYSTALS	650	1"	PLASTIC-BSP	197	145	130
RA401T936	DOSAPROP JUNIOR PLUS 3P AFP SX	LOOSE CRYSTALS	1050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

HOUSINGS WITH PLASTIC NPT THREADS

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

g* = polyposphate crystals amount in grams

DOSAPROP PLUS 3P 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 $CaCO_3$)

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 614 N brass.



DOSAPROP PLUS 3P SX HA with HA polyphosphate crystals cartridge

HOUSINGS WITH BRASS BSP THREADS

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



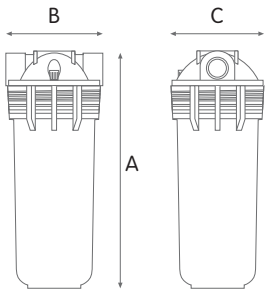
HOUSINGS WITH PLASTIC BSP THREADS

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

HOUSINGS WITH PLASTIC NPT THREADS

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

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 $CaCO_3$)

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 614 N brass.



DOSAPROP PLUS 2P SX with polyphosphate loose crystals

HOUSINGS WITH BRASS BSP THREADS

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

g* = polyposphate crystals amount in grams



HOUSINGS WITH PLASTIC BSP THREADS

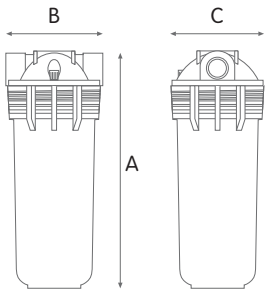
CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	THREADS	DIMENSIONS mm A	B	C
RA401P736	DOSAPROP CADET PLUS 2P AFP SX	LOOSE CRYSTALS	400	3/4"	PLASTIC-BSP	191	133	130
RA401P756	DOSAPROP CADET PLUS 2P BFP SX	LOOSE CRYSTALS	400	1"	PLASTIC-BSP	197	145	130
RA401P036	DOSAPROP JUNIOR PLUS 2P AFP SX	LOOSE CRYSTALS	950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

HOUSINGS WITH PLASTIC NPT THREADS

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

g* = polyposphate 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 $CaCO_3$)

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 614 N brass.



DOSAPROP PLUS 3P SX HA with HA polyphosphate crystals cartridge

HOUSINGS WITH BRASS BSP THREADS

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



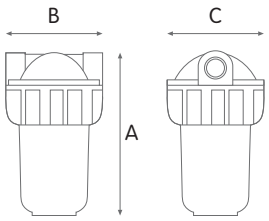
HOUSINGS WITH PLASTIC BSP THREADS

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

HOUSINGS WITH PLASTIC NPT THREADS

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

DOSAPROP 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 $CaCO_3$)

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 614 N brass.





DOSAPROP MIGNON PLUS 3P with polyphosphate loose crystals

HOUSINGS WITH BRASS BSP THREADS

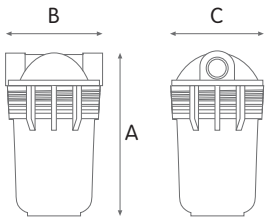
CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	THREADS	DIMENSIONS mm A	B	C
RA401P511	DOSAPROP MIGNON PLUS L 3P MFO	LOOSE CRYSTALS	265	1/2"	BRASS-BSP	176	94	89

g* = polyposphate crystals amount in grams

DOSAPROP MIGNON PLUS 3P with HA polyphosphate crystals cartridge

HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm A	B	C
RA401P514	DOSAPROP MIGNON PLUS L 3P MFO + HA	HA 5" M SX CARTRIDGE	1/2"	BRASS-BSP	176	94	89



DOSAPROP MIGNON PLUS 2P





DOSAPROP MIGNON PLUS 2P with polyphosphate loose crystals

HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	APPLICABLE REFILL	g*	IN/OUT	THREADS	DIMENSIONS mm A	B	C
RA401P612	DOSAPROP MIGNON PLUS L 2P MFO	LOOSE CRYSTALS	275	1/2"	BRASS-BSP	176	94	89

g* = polyposphate crystals amount in grams

DOSAPROP MIGNON PLUS 2P with HA polyphosphate crystals cartridge

HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm A	B	C
RA401P614	DOSAPROP MIGNON PLUS L 2P MFO + HA	HA 5" M SX CARTRIDGE	1/2"	BRASS-BSP	176	94	89