

## INDUSTRIAL DUPLEX SYSTEMS WITH AUTOTROL SOFTENING MAGNUM IT 2" VALVES AND 764 CONTROLLER



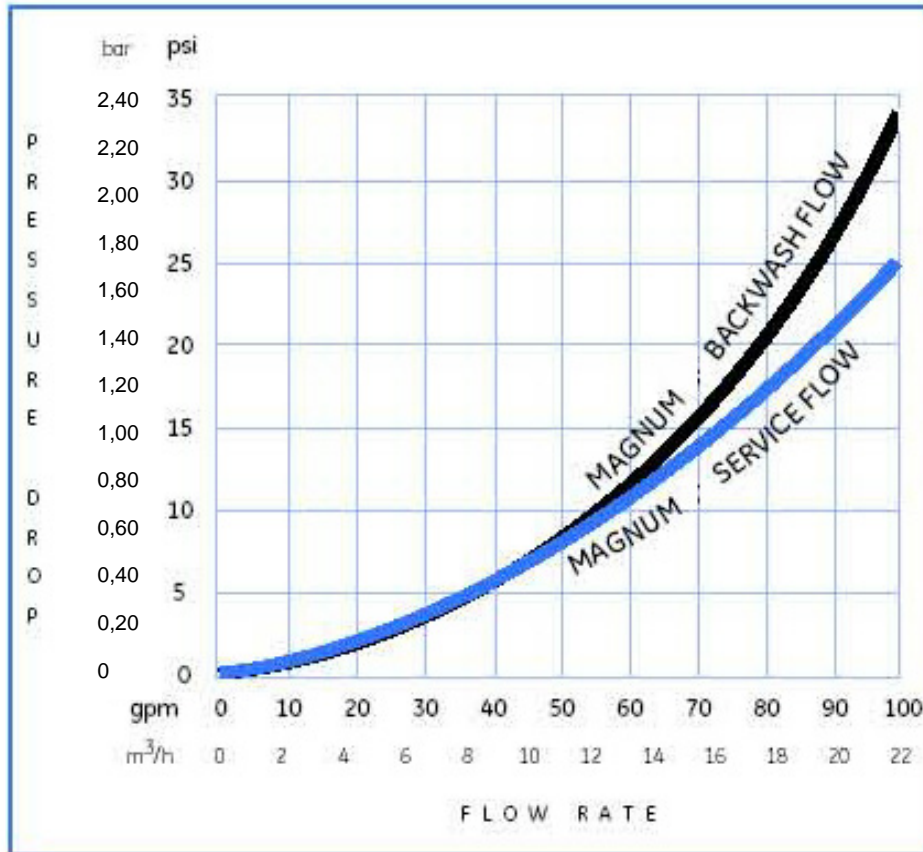
- for automatic and industrial water softening systems;
- for twin alternating and twin parallel systems;
- consisting of n.2 valves (one “main” and another one “secondary”) with 764 electronic volumetric (see 01-03-02-EN data sheet);
- valve body in NSF listed Noryl plastic material with 304 Stainless Steel tank adapter (for heavy applications, like iron removal using  $KMnO_4$  or decarbonisation using  $HCl$ , the Noryl tank adapter is available on request);
- o-rings in EPDM material;
- operating flow rate for each tank  $K_v = 17$ ;
- backwash flow rate for each tank = 337 lpm @  $\Delta p$  1,72 bar;
- resin volume range for each tank = 100 ÷ 700 litres;
- with European transformer 12/230V – 50/60 Hz;
- available with or without by-pass;
- adapters, manifold kit and accessories (e.g. upper screen, etc.) not included, to order separately: see 01-04-04-EN and 01-04-05-EN data sheets;
- brine tank refill system doesn't need a brine valve, but just an air-check;
- PVC 2" side mounting adapter available on demand (REF. CC084, see 01-04-04-EN data sheet);
- interconnection not included.

### CHARACTERISTICS

Pressure vessel connection	Threaded 4" - 8 UN male
Drain line connection	1,5" brass – NPT/BSPT male D50 CPVC to glue
Brine line connection	Threaded ¾" NPT male
Distributor tube O. D. diameter	1,5" (= 48,3 mm)
Pilot drain and auxiliary hydraulic out	¼" tube fitting
Distributor tube length above pressure vessel	16 ± 3 mm
Weight (valve + controller)	12,3 kg

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## PRESSURE DROP DIAGRAM



### RECOMMENDED OPERATING CONDITIONS

Operating pressure	1,72 ÷ 6,90 bar
Water temperature	1°C ÷ 36°C