

TFDY

SERIES DUPLEX SOFTENING SYSTEMS



Standard Features

- Corrosion resistant FRP (Fiber wounded) body
- Pressure loss, 0,3 bar
- Piping PVC
- Octopus type distribution structure
- Pneumatic or electric motor valve
- Valve material Sfero Disk

Rilsan coated GG25 body, AISI 420 axle, butterfly valves with EPDM seals

- Food grade resin
- Flow control regeneration
- Timer controlled automatic backwash
- IP65 control panel and direction valve box with PLC to control regeneration and service automation.
- Operating Pressure 2-6 bar
- Max. 50 C operating temperature.

Advantages

- Easy to operate without any need full time operator
- Low operating cost
- Low energy cost
- 24 hours continuous water supply

Optional Features

- Switch box control for valves
- Differential pressure control

Design Criterias

- Filtration velocity 40 m3/m2/h
- Backwash duration 110 min
- Backwash velocity 10 m/h
- 200gr Salt for 1 Lt resin

Technical Features

CODE	MODEL	CONNECTION inc	MAX. Flow m3/h	BACK WASH (m3/h)	TANK inc	TANK m2	MEDIA Gravel kg Resin Lt	SALT TANK Lt
MM.TFDY400.15	TFDY 400-1 1/2	1 1/2	18	4.5	30X72	0.45	75x2 500x2	500x2
MM.TFDY600.2	TFDY 600-2	2	26.5	6.6	36X72	0.66	100x2 600x2	750x2
MM.TFDY750.2	TFDY 750-2	2	35.5	8.9	42X72	0.89	150x2 850x2	750x2
MM.TFDY850.3	TFDY 850-3	3	47	11.7	48X72	1.17	250x2 1.100x2	1.000x2
MM.TFDY1050.4	TFDY 1050-4	4	80	20	63X86	2.00	325x2 1.300x2	1.500x2