



MEDIA DETAILS

The FU family of Softeners are filled with softener resin suitable for domestic, commercial and industrial water-softening systems.

The resin ensures effective reduction of hardness and other cations such as iron and manganese to produce pleasant, soft, clear water which reduces hard laundry, soap consumption and limescale build-up.

With an economical salt intake and low water consumption for regeneration, the media ensures stable, effective operation.

COMPONENTS

- Pre-programmed Clack® CE valve
- 1054 media vessel
- Softener Resin
- Large salt capacity brine well with safety float valve

CERTIFICATIONS

- NSF/ANSI 44
- NSF/ANSI/CAN 61
- NSF/ANSI/CAN 372
- Watermark Pending



INFLUENT WATER

HARDNESS	750 mg/L CaCO ₃
IRON	0.2 mg/L
MANGANESE	0.05 mg/L
CHEMICAL O₂ DEMAND	5 mg/L O ₂
AMMONIUM	4 mg/L
PREFILTRATION	≤100 µm
WATER TEMP	+4 to 30° C
PH	0 - 14
CHLORINE	≤5 ppm
TDS	≤5000

SPECIFICATIONS

INPUT POWER	230V, 50 Hz
POWER CONSUMPTION	30W
INLET PRESSURE	2 - 6 bar
OPERATING FLOW RATE	≈ 41.6 L/min
PRESSURE DROP	0.5 - 1 bar in service mode
VOLUME CAPACITY	7400L @ 250mg/L CaCO ₃ incoming water hardness
SALT CONSUMPTION	3.7 kg per regeneration
REGENERATION	80 - 110 minutes
REGENERATION WATER	370 L
MEDIA	37L Dowex
INLET / OUTLET	1"
BRINE TANK (MM)	970 (H) x 420 (W) x 370 (D)
CHAMBER DIMENSIONS	Ø 266mm x 1565mm high incl valve



SPECIFICATIONS

SUPPLY VOLTAGE	230V, 50 Hz
OUTPUT VOLTAGE	15VDC
OUTPUT CURRENT	500mA
MAX INLET PRESSURE	2 - 6 bar
MAX FLOW RATE	≤ 102 L/min
PRESSURE DROP	1.0 bar in service mode 102 lpm 1.7 bar in backwash mode 102 lpm
INLET / OUTLET	1"
MOUNTING BASE	2 1/2"
HEIGHT FROM TOP OF TANK	187mm
WEIGHT	2kg

PRODUCT DETAILS

The WS1 is a state-of-the-art automatic control head designed for residential and commercial applications requiring flow rates up to 102 l/min (6.1 m³/hr). The valve acts as a primary center that directs and regulates all cycles of water softening. It can be set to perform downflow regeneration or simply backwash and rinse. It has a backwash ability capable of servicing up to 16" diameter tanks.

The WS1 has 9 injector sizes to choose from for different draw rates.

FEATURES

- Solid state microprocessor with easy access front panel
- Three modes of operation; meter immediate, meter delayed, or time clock delayed
- Double backwash feature offers optimum regeneration, cleaning ability, and efficiency
- Capable of 36 pre-programmed regeneration cycles based on control valve setting
- Days override feature; 1 – 28 days available
- Backwash and brining ability to 16" diameter tanks
- Downflow/upflow regeneration
- Stores system configuration and operation data in non-volatile memory
- Coin Cell Lithium battery back-up with an 8 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Pre or Post treated water regenerant refill
- Reliable and proven DC drive
- One piece expanding seal spacer stack assembly
- Linearly reciprocating piston operation

COMPONENTS

- Clack® CE valve
- AC Adaptor powerpack

