



MEDIA DETAILS

Bore and rainwater supplies can be naturally acidic. At low pH levels, water is a natural solvent and will try to correct itself by absorbing minerals/metals from pipes, taps and tanks. A lot of the minerals/metals contained in the water are toxic to humans in larger doses (i.e. lead, zinc, copper and others).

Calcite Neutralisers use a natural mineral, calcium (lime), to raise the pH level of the water to the desired range. The low pH water takes up these minerals until it reaches a stable state. This prevents the water from corroding pipework PLUS makes your drinking water safer to drink without high lead, zinc or copper levels.

Connected to the mains water feed, the unit treats all incoming water. Units can be fitted with blending valves to control pH levels.

COMPONENTS

- Pre-programmed Clack® CE valve
- 1665 media vessel
- Media: Gravel and Calcite

Bypass valve required

CERTIFICATIONS

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



SPECIFICATIONS

INPUT POWER	230V, 50 Hz
POWER CONSUMPTION	30W
INLET PRESSURE	2 - 6 bar
OPERATING FLOW RATE	≈ 80 L/min
PRESSURE DROP	0.5 - 1 bar in service mode
REGENERATION	15 - 30 minutes @ 52 l/min
REGENERATION WATER	800 - 1500 L
MEDIA	Gravel x 30kg / Calcite x 143.2kg
INLET / OUTLET	1"
CHAMBER DIMENSIONS	Ø 413mm x 1874mm high incl valve

INFLUENT WATER

IRON	≈ 0.3 ppm
MANGANESE	≈ 0.04 ppm
WATER TEMP	+4 to 30° C



Certified to
NSF/ANSI 44



Certified to
NSF/ANSI 61 & 372

SPECIFICATIONS

SUPPLY VOLTAGE	230V, 50 Hz
OUTPUT VOLTAGE	12VDC
OUTPUT CURRENT	500mA
MAX INLET PRESSURE	2 - 6 bar
MAX FLOW RATE	≤ 102 L/min
PRESSURE DROP	0.5 bar in service mode 1.7 bar in backwash mode
INLET / OUTLET	1" NPT
MOUNTING BASE	2 1/2"
HEIGHT FROM TOP OF TANK	187mm
WEIGHT	2kg

PRODUCT DETAILS

The WS1 TC automatic control valve is designed as the primary control to manage filter backwashing when paired with FPA Carbon Filters, FNA Neutralising Filters and FP Sediment Filters up to 16" diameter.

The valve provides 2 options for backwash frequency

- an option where the user can choose the number of days (1-99) between backwashes; or
- a seven-day option where the user can choose which day(s) of the week the backwash should occur.

FEATURES

- Informative 4 digit LCD Display with Status Indicators
- Solid state microprocessor with easy access front panel settings
- Backwash ability up to 16" diameter tanks
- Front panel display for time of day, days until next regeneration
- Double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Coin Cell Lithium battery back-up with a 8 hour carry over
- 12-volt output AC Adapter provides safe and easy installation
- Patented one piece expanding seal spacer stack assembly U.S. Patent 6,402,944
- Patented linearly reciprocating piston operation U.S. Patent 6,444,127
- Reliable and proven DC drive

COMPONENTS

- Clack® CT valve
- AC Adaptor powerpack

