



## MEDIA DETAILS

The FPA family uses a high-density granular activated carbon, resulting in a greater adsorption capacity per unit volume. These chambers are ideal for the removal of dissolved organic compounds from water and wastewater as well as industrial and food processing streams. These contaminants include taste and odour compounds, organic color, total organic carbon (TOC), and industrial organic compounds.

This media is also superior for the reduction of chlorine and its byproducts for great-tasting, great-smelling water. Carbon bed segregation is retained after repeated backwashing, ensuring the adsorption profile remains unchanged and therefore maximising the bed life.

## COMPONENTS

- Pre-programmed Clack® CT valve
- 1252 media vessel
- FILTR300

## CERTIFICATIONS

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



## INFLUENT WATER

|            |             |
|------------|-------------|
| IRON       | ≈ 0.03 ppm  |
| MANGANESE  | ≈ 0.04 ppm  |
| WATER TEMP | +4 to 30° C |

## SPECIFICATIONS

|                     |                                  |
|---------------------|----------------------------------|
| INPUT POWER         | 230V, 50 Hz                      |
| POWER CONSUMPTION   | 30W                              |
| INLET PRESSURE      | 2 - 6 bar                        |
| OPERATING FLOW RATE | ≈ 14.2 L/min                     |
| PRESSURE DROP       | 0.5 - 1 bar in service mode      |
| REGENERATION        | 15 - 30 minutes @ 28.8 l/min     |
| REGENERATION WATER  | 400 - 800 L                      |
| MEDIA               | 25kg FILTR300                    |
| INLET / OUTLET      | 1"                               |
| CHAMBER DIMENSIONS  | Ø 310mm x 1533mm high incl valve |



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<br>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

