



Complete line of filters

With the **Filter** Series, **Erie Water Treatment Controls** offers a complete line of both residential as commercial filters for a wide range of applications

Range

- ✓ The **Filter** Series are available in the following models:
 - 1 cuft (28 Ltr)
 - 2 cuft (56 Ltr)
 - 3 cuft (84 Ltr)
- ✓ The **Filter** Series are available with the following media:
 - Filter AG
 - Birm
 - High Activated Carbon
- ✓ The **Filter** Series are offered in the following configurations:
 - **Budget:** ¾" Electro-mechanical, time initiated regeneration
 - **Tempo:** 1" Electronic, time initiated regeneration

Features & Benefits

- ✓ Wide **range** of models & applications
- ✓ Full **1.050"** riser tube for superior service flow
- ✓ Easy **programming**

Applications

- ✓ **Filter AG:**
 - Sediment filtration
- ✓ **Birm:**
 - Iron removal
 - Manganese removal
- ✓ **High Activated Carbon (HAC):**
 - Taste removal
 - Color removal
 - Odor removal



Technical specifications:

Model	BUDGET 1 CUFT			TEMPO 1 CUFT			TEMPO 2 CUFT			TEMPO 3 CUFT
Media	FILTER AG	BIRM	HAC	FILTER AG	BIRM	HAC	FILTER AG	BIRM	HAC	FILTER AG
Operating pressure min/max (bar)	1.4/8.3			1.4/8.3			1.4/8.3			1.4/8.3
Operating temperature min/max (°C)	2/48			2/48			2/48			2/48
Electrical connection (V/Hz)	230/50 ⁽¹⁾			230/50 ⁽¹⁾			230/50 ⁽¹⁾			230/50 ⁽¹⁾
Maximum power consumption (VA)	1			12			12			12
Hydraulic connection inlet/outlet	¾" BSP Male			1" BSP Male			1" BSP Male			1" BSP Male
Control valve type	542D19			2400TF			2400TF			2400TF
Control valve backwash flow controller	0	0	0	M	N	N	P	Q	Q	R
Pressure tank dimensions (in)	10x40	10x40	10x40	10x40	10x40	10x40	12x52	12x52	12x52	14x65

⁽¹⁾ Supplied with 24 V transfo

Performances ⁽²⁾:

Model	BUDGET 1 CUFT			TEMPO 1 CUFT			TEMPO 2 CUFT			TEMPO 3 CUFT
Media	FILTER AG	BIRM	HAC	FILTER AG	BIRM	HAC	FILTER AG	BIRM	HAC	FILTER AG
Recommended max. service flow (m ³ /hr)	0.6			0.6			0.9			1.2
Rinse water usage per backwash	265	320	320	225	270	160	320	365	210	410

⁽²⁾ Indicative numbers, performances depending on operating conditions and water quality

Dimensions and weights:

Model	BUDGET 1 CUFT			TEMPO 1 CUFT			TEMPO 2 CUFT			TEMPO 3 CUFT
Media	FILTER AG	BIRM	HAC	FILTER AG	BIRM	HAC	FILTER AG	BIRM	HAC	FILTER AG
Pressure tank diameter (mm)	258			258			310			363
System depth (mm)	279			371			376			402.5
System height (± 6 mm) (mm)	1170			1182			1500			1836
Height inlet/outlet (± 6 mm) (mm)	1057			1045			1363			1699

Optimal operating conditions:

Media	Condition
Filter AG	Upon installation, soak bed overnight before backwashing
Birm	Water pH range (iron removal): 6.8 – 9.0 Water pH range (manganese removal): 8.0 – 9.0 Dissolved Oxygen: ≥ 15% of iron+manganese content Free Chlorine: <0.5 ppm
High Activated Carbon	Water to be free of oil & suspended matter