

“Chem Free” Air Injection Oxidizing Filters



High Iron, Moderate pH -

- ◆ Using an Air Injection oxidation process this filter oxidizes iron within the media bed and filters it from the water. (Often pre treatment to R/O drinking water systems)
- ◆ In addition, a component of the media bed raises low pH, neutralizing acidic water.
- ◆ The Fleck 5000 AIO control has all of the familiar SXT digital control features.

Very High Iron, Manganese, Low pH -

- ◆ These filters have a media bed mixture that works on more difficult Iron and Manganese issues
- ◆ Manganese removal requires a higher pH level during air oxidation
- ◆ Air injection is accomplished at the control valve itself and not with an external appliance. (many surface waters and some wells are low pH as they are effected by “acid rain”)

Sulphur, Taste + Odour -

- ◆ These units use a premium catalytic Carbon media bed to oxidize incoming water while trapping gasses such as hydrogen sulphate (sulphur)
- ◆ Lakes and Rivers often have organic (Tannin) elements that give off a musty odour. Air induction combined with the premium media works to eliminate these issues



Manufactured in Barrie Ontario with quality parts designed and sourced in North America
5 year warranty on controls and 10 years on tank components

Model	CHEM FREE	CHEM FREE	CHEM FREE	CHEM FREE +MG + pH	CHEM FREE +MG + pH	CHEM FREE +MG + pH	SULPHUR TASTE ODOUR	SULPHUR TASTE ODOUR	SULPHUR TASTE ODOUR	SULPHUR TASTE- ODOUR	
SPECIFICATION	50AI4151	50AI4152	50AI4153	50AI4155	50AI4156	50AI4157	50AI4161	50AI4162	50AI4163	50AI4164	
MODEL SIZE (SXT)	FAIO1.0	FAIO1.5	FAIO2.0	FAIOM1.0	FAIOM1.5	FAIOM2.0	FAIOC1.0	FAIOC1.5	FAIOC2.0	FAIOC3.0	
MEDIA TANK	10"X54"	10"X54"	12"X52"	10"X54"	10"X54"	12"X52"	10"X54"	10"X54"	12"X52"	14"X65"	
MEDIA VOLUME	1.0 cuft	1.5 cuft	2.0 cuft	1.0 cuft	1.5 cuft	2.0 cuft	1.0 cuft	1.5 cuft	2.0 cuft	3.0 cuft	
SERVICE FLOW RATE (GPM)	4	5	8	4	5	8	4	5	7	10	
BACKWASH RATE (GPM)	5	7	7	5	7	7	5	5	7	10	
BYPASS VALVE	INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL	
CONNECTION YOKE SIZE	3/4"	3/4"	1"	3/4"	3/4"	1"	3/4"	3/4"	1"	1"	
VALVE MODEL	5000 SXT	5000 SXT	5000 SXT	5000 SXT	5000 SXT	5000 SXT	5000 SXT	5000 SXT	5000 SXT	5000 SXT	
POWER (115 VOLT AC input)	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	
WORKING (psi)	20 to 125	20 to 125	20 to 125	20 to 125	20 to 125	20 to 125	20 to 125	20 to 125	20 to 125	20 to 125	
INSTALLATION SPACE	11"X11"X64"	11"X11"X64"	13"X13"X62"	11"X11"X64"	11"X11"X64"	13"X13"X62"	11"X11"X64"	11"X11"X64"	13"X13"X62"	15"X15"X75"	
SHIPPING WEIGHT (lbs)	135	150	220	135	170	225	75	85	105	145	
LOADED MEDIA	YES	YES	NO	YES	YES	NO	YES	YES	YES	YES	
BACKWASH FREQ	3 TO 5 DAYS	3 TO 5 DAYS	3 TO 5 DAYS	3 TO 5 DAYS	3 TO 5 DAYS	3 TO 5 DAYS	3 TO 5 DAYS	3 TO 5 DAYS	3 TO 5 DAYS	3 TO 5 DAYS	
REFRESH MEDIA	AS pH lowers	—————→					PER MANUAL	—————→			