

FILTRATION: ACTIVATED CARBON FILTERS



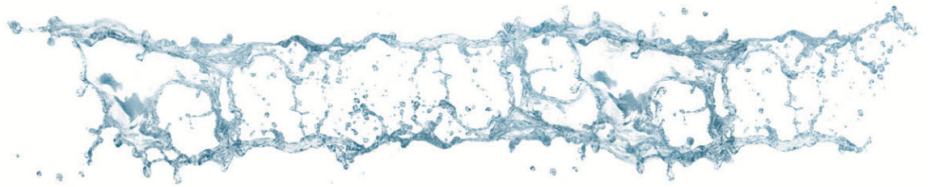
Lubron's range of pressure filter systems is readily configured for removing both particulates and various dissolved species in effluent, ground, process and surface waters.

The filters are based on an extensive range of high quality steel vessels, built to the latest European standards, with excellent internal access. The manifolds, available in PVC or, to special order, stainless steel, incorporate pneumatic or motorised backwash control valves, which are governed by a dedicated programmable microprocessor unit.

The most common applications include

- for iron and manganese removal from borehole water
- for the removal of particulates in effluent, process and surface waters
- for elimination of organics, such as pesticides and chlorine.

Activated carbon filters - When charged with the appropriate grades of activated carbon, Lubron's filter vessels are ideal for the removal of organic species, such as pesticides, or the elimination of chlorine residuals or chlorine dioxide or ozone.



The programmable backwash system allows for configuration of the appropriate media rinsing program in order to achieve the best performance with the minimum backwash water consumption.

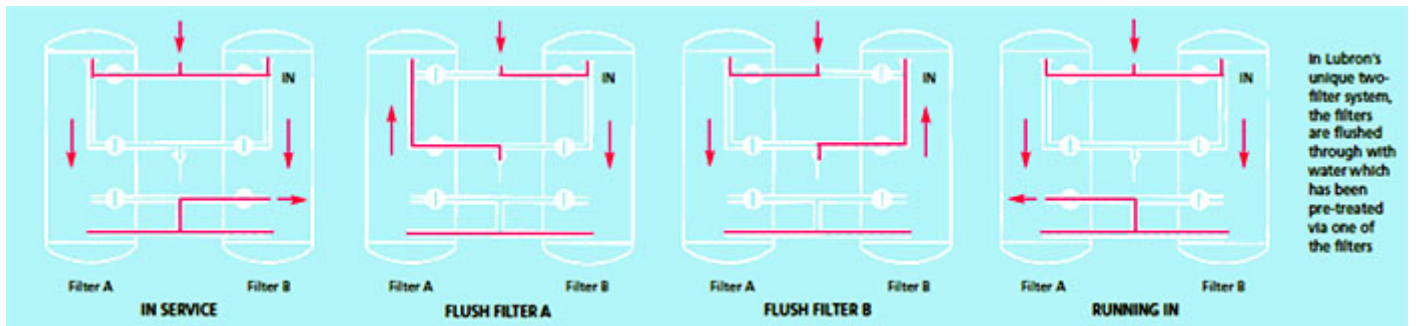
The steel vessels are equipped with excellent media access, via both top and bottom manways, which ensures fast media extraction (by suction) and replacement, so that downtime and labour costs can be kept to an absolute minimum.

For potable or food industry applications all filters are available with approved internal and external finishes.

TECHNICAL DATA - ACTIVATED CARBON FILTERS

MODEL	Maximum service flow rate m ³ /hr	Typical pressure drop bar	Required backwash flow m ³ /hr	Inlet mm	Outlet mm	Overall dimensions Width/Depth/Height mm
AK 1-800	3	0.21	12	50	50	1200/1200/2300
AK 1-900	4	0.23	16	50	50	1300/1450/2650
AK 1-1000	5	0.20	20	63	63	1400/1500/2750
AK 1-1250	9	0.23	35	75	75	1650/1850/3050
AK 1-1500	12	0.27	44	75	75	1900/2100/3200
AK 1-1600	13	0.18	50	90	90	2000/2300/3150
AK 1-1700*	15	0.21	57	90	90	2100/2500/3200
AK 1-1800*	17	0.23	64	90	90	2200/2450/3550
AK 2-800	6	0.24	12	50	50	2200/1200/2300
AK 2-900	8	0.20	16	63	63	2400/1400/2650
AK 2-1000	10	0.22	20	63	63	2600/1450/2750
AK 2-1250	18	0.22	35	75	75	3150/2000/3050
AK 2-1500	24	0.19	44	90	90	3800/2350/3200
AK 2-1600	26	0.21	50	90	90	4000/2250/3150
AK 2-1700*	30	0.24	57	90	90	4150/2400/3200
AK 2-1800*	34	0.18	64	110	110	4350/2400/3550

*After backwash, to special order. Dimensions shown are for reference only. Contact Lubron for certified drawings. AK 1-800 to AK 1-1800 are single vessel. AK 2-800 to AK 2-2800 are twin vessel.



LUBRON UK LIMITED reserve the right to change equipment specification without prior notice, as part of our continuous product development programme.



015



LUBRON UK LTD
 Lubron House
 8 Challenge Way, Hythe Hill
 Colchester, Essex CO1 2LY
 Tel: +44 (0)1206 866444
 www.lubron.co.uk