



TYPES E20012 E20018

DESCRIPTION **auto-klan® klariflo®** filters E20012 and E20018 give clarification to micron limits. Exceptional life and dirt holding capacity are achieved by true depth filtration. The elements are retained in position within the filters by means of a single nut thus facilitating quick and easy removal. This method of construction allows the unit to be dismantled with the minimum of labour when thorough cleaning and element replacement are required. The casting containing the inlet and outlet ports, incorporates two legs, suitably drilled for floor mounting. Both top and bottom joints are groove retained and are available in various materials.

The specification to which **auto-klan® klariflo®** filters are manufactured depends upon the application. They are, therefore, suitable for the clarification of a wide range of liquids and gases with varying conditions of temperatures and pressure

APPLICATIONS Chemicals generally, water applications including drinking and photographic use, beverages and food products, bright quenching and cutting fluids, compressed air, plating solutions, oils and distillates.

ELEMENTS

Diameter	63mm (2.5")
Length	254mm (10")
Density Grading	1,2,3,5,7,10,15,20,30,40,50,75,100 microns
Filter Media	Bleached Cotton, Polypropylene, Glass Fibre

CONNECTIONS 2" B.S.P. Female Parallel.

PRESSURE

Working	7 bar (100lb/in ²)
Test	14 bar (200lb/in ²)

TEMPERATURE Maximum 120°C (250°F)
Special designs are available for higher temperatures.

MATERIALS

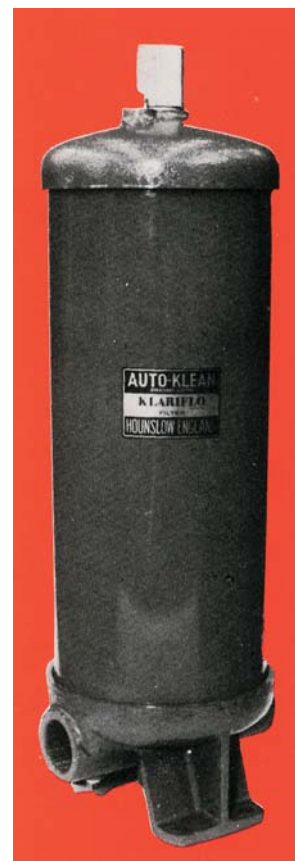
Standard	Body	Mild Steel
	Covers	Cast Iron

BODY CAPACITY E20012 - 16.8 litres (3.7 gallons) E20018 - 23.6 litres (5.2 gallons)

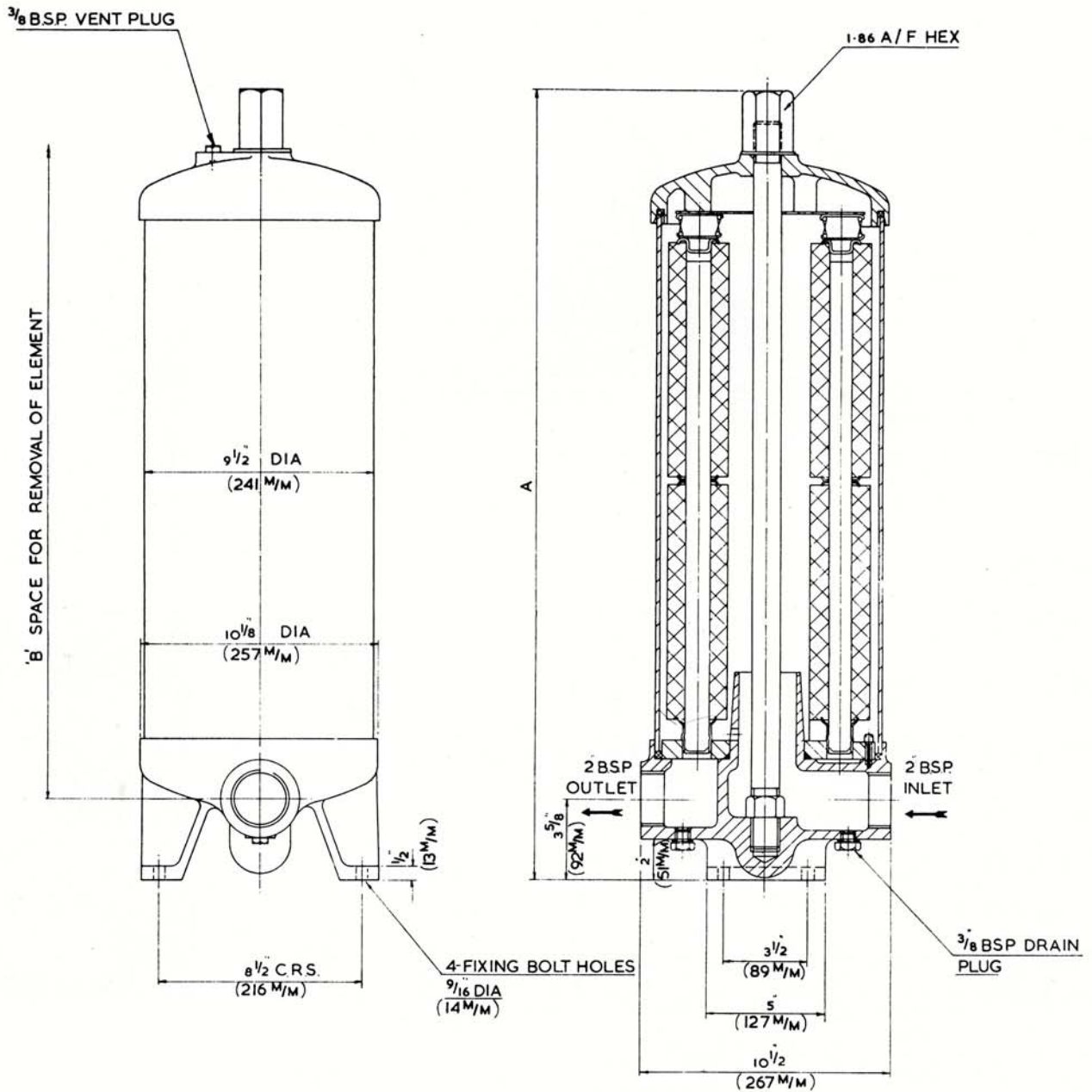
WEIGHT E20012 - 48Kg (106lbs) E20018 - 56Kg (124lbs)

DIMENSIONS See table on page 2

FLOW RATES The flow rates listed below are for a Cotton filtering medium and are based on an initial pressure drop of 0.2 bar (3lb/in²) across a clean element.



Service	Type	Viscosity		Capacity							
		Seconds Redwood No.1	Degrees Engler	Gallons Per Hour				Litres Per Hour			
				Density Grading - Microns							
				1	5	10	20	1	5	10	20
Water and Aqueous Solutions	E20012	-	-	440	2040	3600	3600	2000	9280	16400	16400
	E20018	-	-	660	3060	5400	5400	3000	13900	24600	24600
Viscous Liquids	E20012	50 250	1.75° 8.1°	84 -	840 120	2400 300	3600 840	380 -	3820 550	10900 1360	16400 3820
	E20018	50 250	1.75° 8.1°	126 -	1260 180	3600 450	5400 1260	570 -	5730 820	16400 2050	24600 5730



TYPES E20012, E20018

Type	Elements			Dimensions					
	Number	Positioned Up	Positioned Round	in	A	mm	mm	B	mm
E20012	12	2	6	33 ¹ / ₈		841	38		965
E20018	18	3	6	43 ⁵ / ₁₆		1100	49		1245

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