



TYPES E05001P E07002P

DESCRIPTION **auto-klean® klariflo®** filters E05001P and E07002P are high-pressure filters designed to give clarification to micronic limits. Exceptional life and dirt holding capacity are achieved by true depth filtration. The construction employed makes these filters ideal for application with working pressures up to 600 pounds per square inch. They are provided with in-line screwed connections.

Special high-pressure versions of other **auto-klean® klariflo®** filters, can be designed to specific requirements. These filters are, therefore, suitable for the clarification of a wide range of liquids and gases with varying conditions of temperature and pressure.

APPLICATIONS Chemicals generally, water, compressed air and gases, bright quenching 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

CONNECTIONS E05001P ½" B.S.P. Parallel Female
 E07002P ¾" B.S.P. Parallel Female

PRESSURE Working 41 bar (600lb/in²)
 Test 69 bar (1000lb/in²)

TEMPERATURE Maximum 150°C (300°F)

MATERIALS Standard Body & Base Fabricated Steel
 Special Body & Base Stainless Steel

BODY CAPACITY E05001P - 1.3 litres (2.6 pints) E10002D - 2.4 litres (4.8 pints)

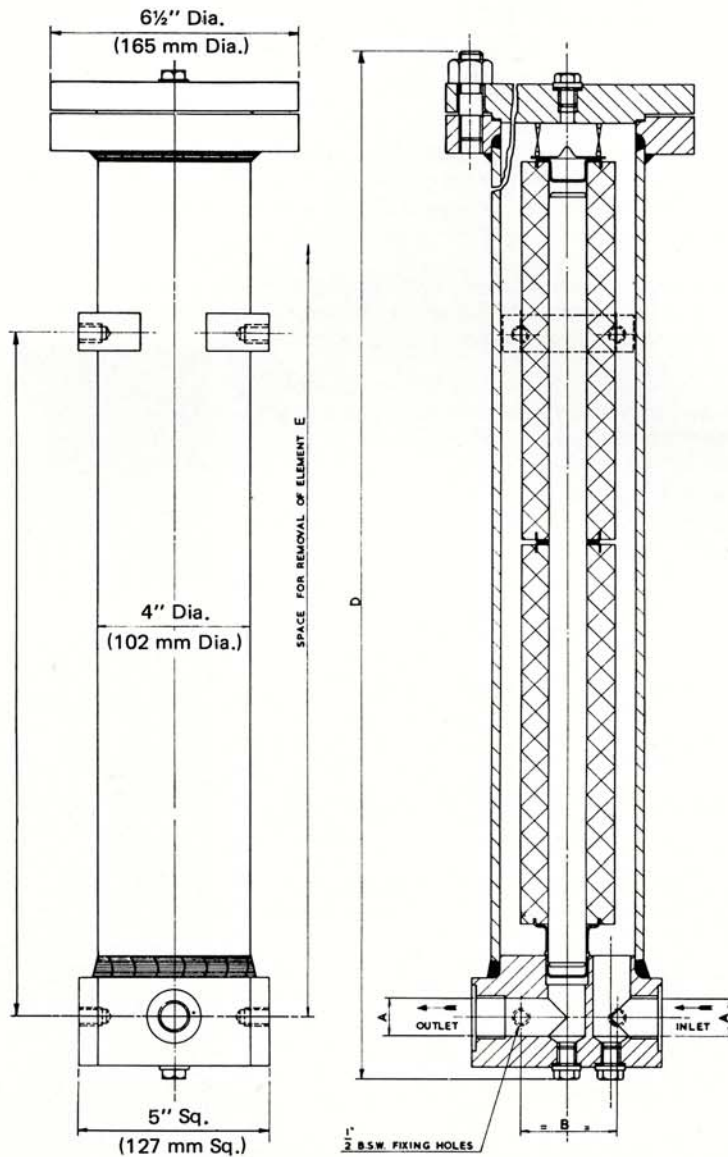
WEIGHT E05001P - 21Kg (46lbs) E07002P - 26Kg (57lbs)

DIMENSIONS See drawing and table on page 2

FLOW RATES The flow rates listed below are for a Cotton filtering media 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 & Aqueous Solutions	E05001P	-	-	37	170	300	300	170	775	1360	1360
	E07002P	-	-	74	340	600	600	340	1550	2720	2720
Viscous Liquids	E05001P	50	1.75°	7	70	200	300	32	320	910	1360
		250	8.1°	-	10	25	70	-	45	115	320
	E07002P	50	1.75°	14	140	400	600	64	640	1820	2720
		250	8.1°	-	20	50	140	-	90	230	640



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Type	Number of Elements	A	B	C	D	E
E05001P	1	1/2" B.S.P.	3" (76mm)	—	16 3/8" (416mm)	23 1/2" (597mm)
E07002P	2	3/4" B.S.P.	2 1/2" (63.5mm)	18" (457mm)	27" (686mm)	34" (864mm)

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