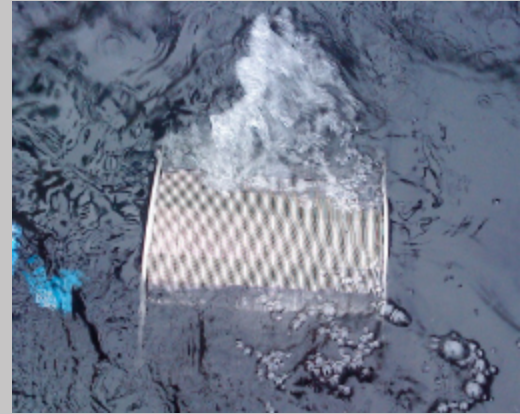


KSR Small Screens (under 15 l/s)

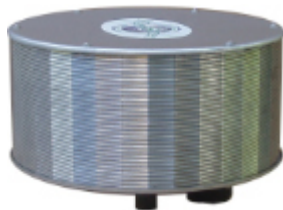
Self Cleaning Intake Screens to protect pumps and systems from organic and inorganic debris

The KleenScreen™ Revolver has a unique backwashing system with all revolving components inside a stationery screen. The drive system has the backwashing nozzle passing across a sail, which creates a pressure differential, rotating the sail and nozzle. This design is particularly effective in self-cleaning screens for relatively small flow rates.

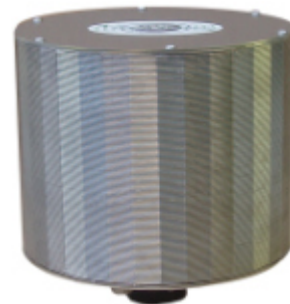


KS 5

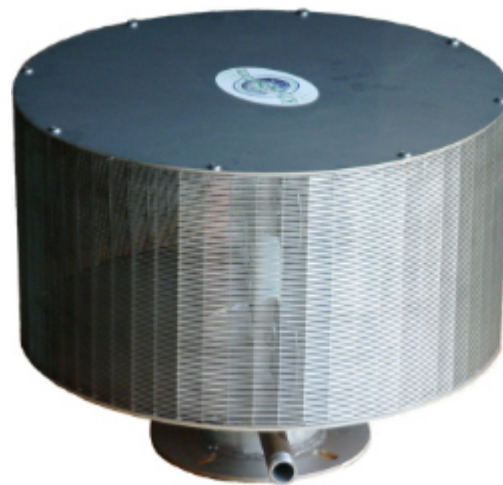
KS 25



KS 5

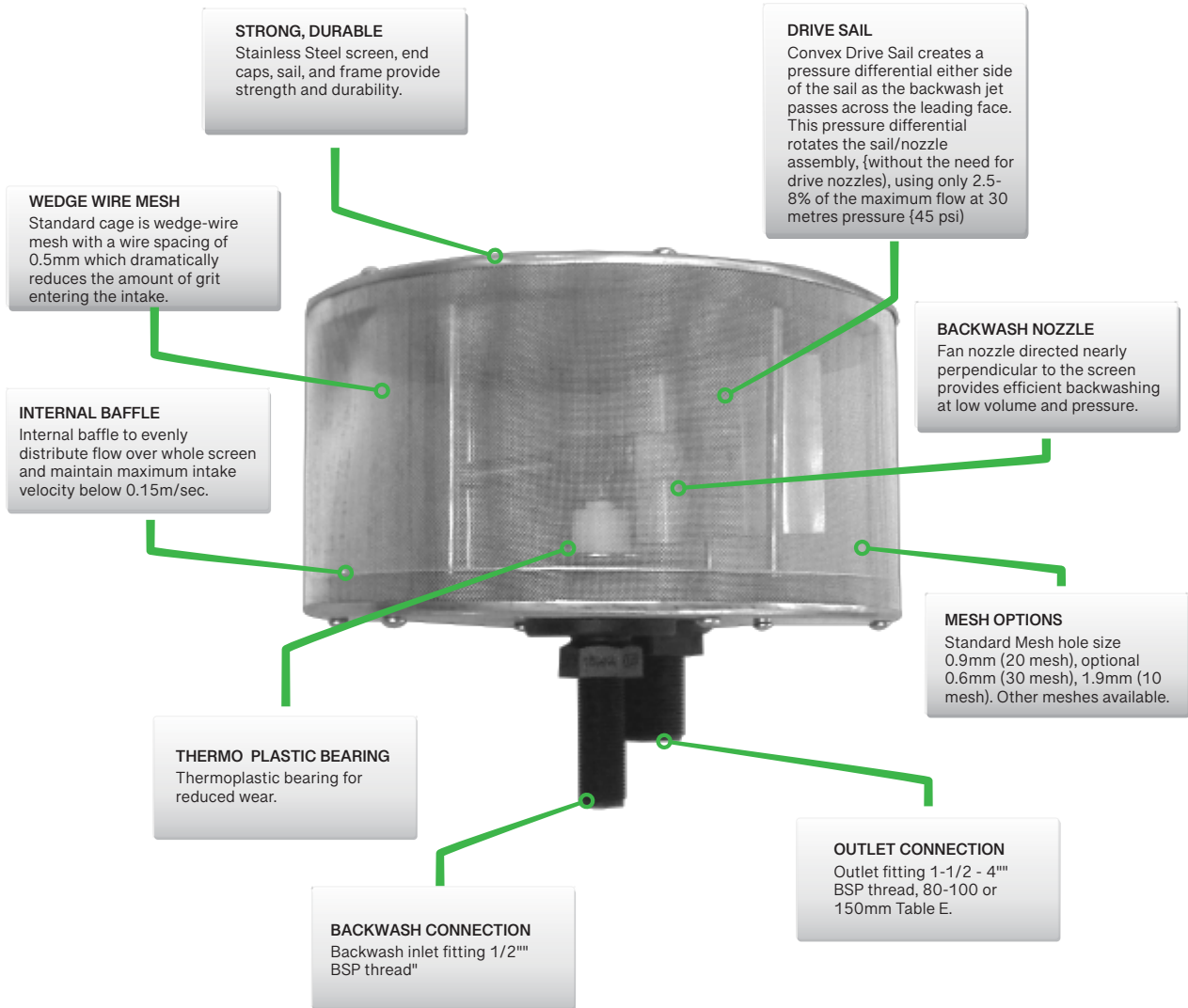


KS 10



KS 15

Components



KS 2.5

Benefits

ENERGY SAVING

With a small portion {2.5% - 8%} of pumped water backwashing and rotating the screen, it is continuously cleaned. This maintains the pumping efficiency of the system at optimum, thereby reducing power consumption

REPAIRS AND MAINTENANCE

The narrow screen slots {0.5mm wide} filter water entering system. This can significantly reduce the wear on pump and other system components

LABOUR SAVING

By reducing major causes of water supply problems, ie screen blockage, loss of prime, and wear on pump the labour required to maintain the system is reduced significantly.

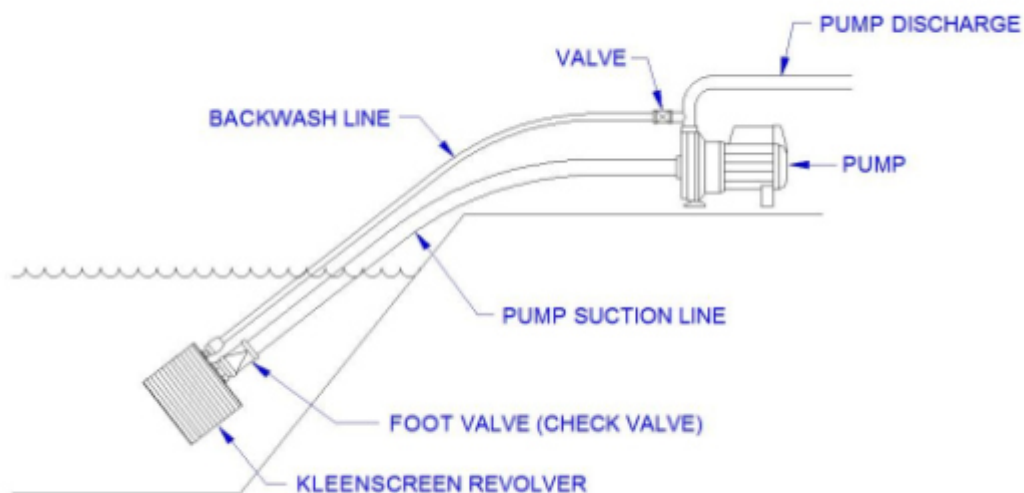
DURABLE

Stainless steel and thermoplastic components ensure rugged construction and long operational life.

ENVIRONMENTALLY FRIENDLY

Satisfies Environmental Council requirements for screen hole size, and intake velocity.

Installation



Flow | Pressure | Connections

Base Model	Maximum Flow (Wedge-wire with 0.5mm wire spacing)				Backwash Connection International (USA)	Outlet Connection International (USA)	Required Pressure for Backwash. Meters (USA)	Backwash Flow at Required Pressure. L/S (USA)
	L/S	M ³ /Hour	IGPM					
KS2.5	2.5	9	33	40	1/2" BSP male (1/2" NPT)	1 1/2" BSP male (1 1/2" NPT)	30 (45)	0.3 (5)
KS5	5	18	66	79	1/2" BSP male (1/2" NPT)	2" BSP male (2 options)	30 (45)	0.3 (5)
KS10	10	36	132	158	1/2" BSP fem (1/2" NPT)	80-100NB Tab Ez (2-3" Flange)	30 (45)	0.5 (8)
KS15 (0.9mm)	15	54	198	237	3/4" BSP male (3/5" NPT)	80-100 or 150mm Flange (2 options)	30 (45)	0.5 (8)

Dimensions

Base Model	Screen Length MM (Inches)	Screen Diameter MM (Inches)	Overall Length MM (Inches)	Net Weight KG (pounds)
KS2.5	120 (4.7)	250 (9.8)	180 (7.1)	3 (7)
KS5	200 (7.9)	250 (9.8)	250 (21.7)	5 (11)
KS10	400 (15.7)	250 (9.8)	550 (21.7)	8 (18)
KS15	245 (9.6)	470 (18.5)	365 (14.4)	13 (29)

