

PRODUCT SHEET

Sand Separator - Heavy Duty/High Pressure Systems

DESCRIPTION

Sand Separator ILB/ILS is ideally suited for removing sand, grit and other fine solids from heavy duty systems. Able to withstand the toughest environmental conditions it offers high pressure capability, high flow rates and high temperature resistance. **Sand Separator** removes 98% of particles 200 mesh (74 microns) and larger (see maximum particle sizes below). With heavier solids (metal chips, lead, etc.) expect even better results. Its unique centrifugal style of filtration is not only efficient, but also trouble-free. Available in Carbon Steel (ILB) or Stainless Steel (ILS).

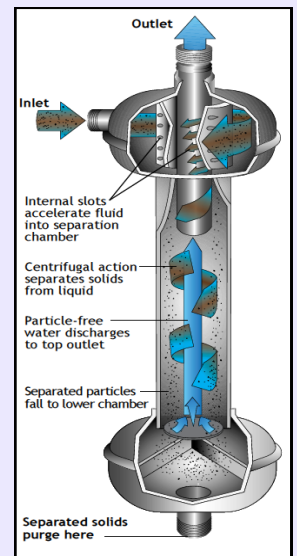


TECHNICAL CHARACTERISTICS

- Maximum pressure rating: 150 psi (10.3 bar)
- Pressure loss range: 5-12 psi (0.3 - 0.8 bar)
- Purge size (all models): ¼" N.P.T., male
- Maximum particle size:
 - ILB/ILS-0037 - ¼" (6.35mm)
 - ILB/ILS-0050 - ¼" (6.35mm)
 - ILB/ILS-0075 - ¼" (6.35mm)
 - ILB/ILS-0100 - ¼" (6.35mm)
 - All other models: - ⅜" (9.25mm)

MAIN CHARACTERISTICS

- No moving parts to wear out - eliminates mechanical failures and replacement parts
- No screens, cartridges, cones or filter elements to clean or replace
- No back flushing - minimizes water/liquid loss.
- No downtime requirements - all units designed to operate continuously with no shutdowns
- Available in two standard materials of construction - carbon steel or stainless steel



SPECIFICATIONS AND MODEL NUMBERS

Model	Flow Range		Inlet/Outlet Size* Male, N.P.T.	Weight		Weight With Water	
	U.S. gpm	M ³ /hr		Lbs.	Kg	Lbs.	Kg
ILB/ILS-0037	3-6	.7-1.5	¾" (9.25mm)	9	4.1	19	8.6
ILB/ILS-0050	4-10	1.0-2.5	½" (12.7mm)	14	6.3	20	9.1
ILB/ILS-0075	10-20	2.5-4.5	¾" (19.5mm)	15	6.8	25	11.3
ILB/ILS-0100	19-32	4.5-7.5	1" (25.4mm)	27	12.2	38	17.2
ILB/ILS-0125	28-48	6.5-11.0	1-¼" (31.75mm)	27	12.2	38	17.2
ILB/ILS-0150	45-70	10.0-16.0	1-½" (38.1mm)	27	12.2	40	18.1
ILB/ILS-0200	65-108	14.5-24.5	2" (50.8mm)	52	23.6	98	44.4
ILB/ILS-0250	95-155	21.5-35.0	2-½" (63.5mm)	60	27.2	109	49.4
ILB/ILS-0300	148-290	33.5-66.0	3" (76.2mm)	101	45.8	177	80.0



www.youtube.com/geoquipwater



www.geoquipwatersolutions.com

geoquip water solutions limited

Unit 7, Sovereign Centre

Farthing Road Industrial Estate

Ipswich, IP1 5AP, ENGLAND

TEL: + 44 (0) 1473 462046

FAX: + 44 (0) 1473 462146

email: info@geoquipservices.co.uk