

AHLCLEANER RB 300 HD

The Ahlcleaner RB 300 HD is a large-diameter cleaner designed for high consistency cleaning, up to 4 %, with a reject chamber for collecting impurities.

Impurities such as sand, dirt, metal, glass, other heavy tramp material and also a high percentage of smaller contraries can be easily removed, with minimum fiber loss.

Operation

The Ahlcleaner RB 300 HD can be equipped with fully automatic or manual dumping of the reject chamber.

Water may be added in some applications to the spool piece above the reject chamber for washing back good fibers from the debris.

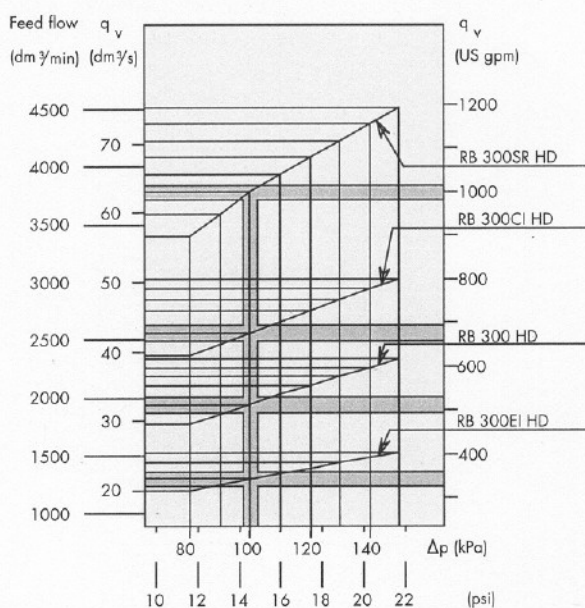
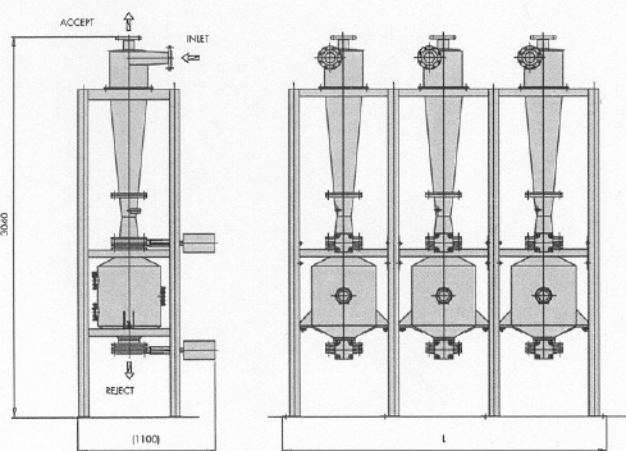
Construction

Ahlcleaner RB 300 HD cleaners are manufactured from high-quality stainless steel, enabling them to be used under high temperature or corrosive conditions.

The cleaner cone is formed using an advanced manufacturing technique known as cold-flow turning. This method spins and extrudes the cone, simultaneously developing the perfect roundness and extreme smoothness necessary for the efficient removal of impurities. An added benefit of this method is a significant increase in material hardness, which gives excellent wear-resistance.

CAPACITY

TECHNICAL DATA



Number of cleaners	L		Nominal capacity							
			RB 300EI HD		RB 300 HD		RB 300CI HD		RB 300SR HD	
	mm	in	dm³/s	US gpm	dm³/s	US gpm	dm³/s	US gpm	dm³/s	US gpm
1	930	36.6	21.7	343.3	32.3	512.5	42.7	676.3	63.0	998.6
2	1780	70.1	43.4	686.8	64.6	1025.0	85.4	1352.6	126.0	1997.2
3	2570	101.2	65.1	1030.2	96.9	1537.5	128.1	2028.9	189.0	2995.8
4	3360	132.3	86.8	1373.6	129.2	2050.0	170.8	2705.2	252.0	3994.4
5	4150	163.4	108.5	1717.0	161.5	2562.5	213.5	3381.5	315.0	4993.0

* The diagram is valid for feed consistencies up to 2.5 %.

* For consistencies of 2.5 % to 3.5 %, capacity less 20 %.

* For consistencies of 3.5 % to 4 %, capacity less 40 %.

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