

RADICLONE AM80

SEPARATION OF HEAVYWEIGHT CONTAMINANTS



- HIGH EFFICIENCY
- LOW POWER CONSUMPTION
- RELIABLE OPERATION

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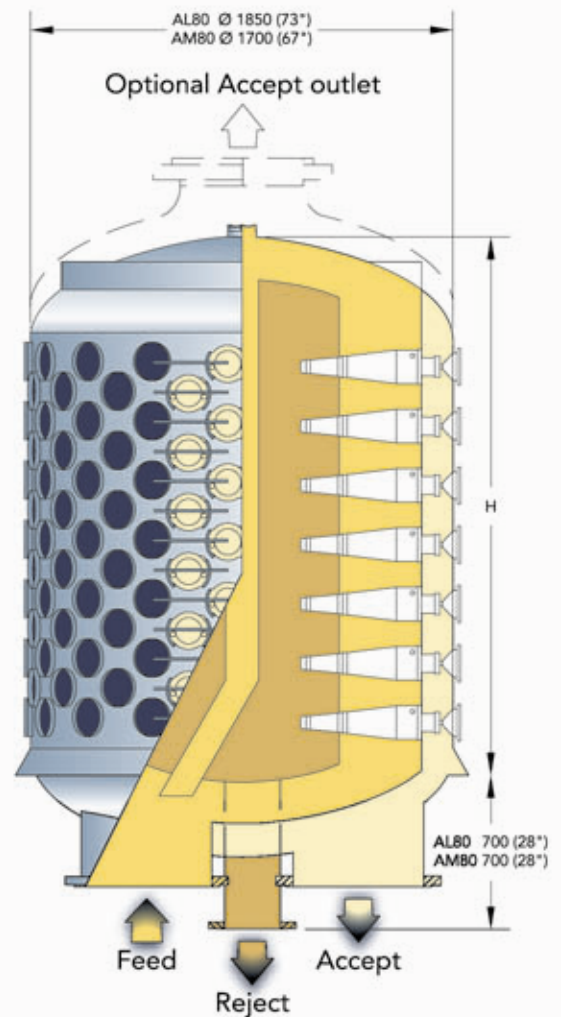
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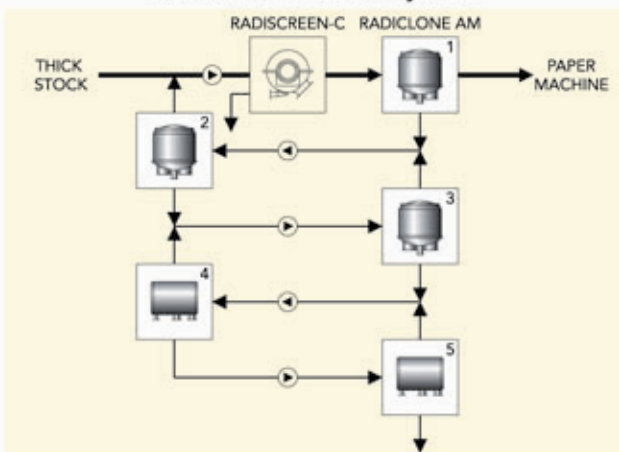
The RADICLONE AM80 is a pressurized canister manufactured of stainless steel EN 1.4404 (316 L) in which 80 mm (3") diameter hydrocyclones are installed. Maximum allowed inlet pressure for standard units is 300 kPa (43 psi). Higher pressure ratings are available on request.

The AM80 hydrocyclones are manufactured by Noss in different elastic materials to resist heat, chemicals and wear depending on the application. Due to the construction features of the canisters, the reject openings of the hydrocyclones are larger (18 mm – 3/4") than the feed holes, which ensures practically plug-free operation. With a pressure drop range of 60 to 150 kPa (8,5-22 psi), the RADICLONE AM80 guarantees very low energy consumption per ton of manufactured pulp or paper (kWh/ton).

SIZE	Capacity with AM80-C hydrocyclones		Capacity with AM80-D hydrocyclones		H	Feed		Accept		Reject		
	l/min	USGPM	l/min	USGPM		mm	in	mm	in	mm	in	
AL80 600	60,000	15,850	78,000	20,600	3550	140	600	24	600	24	250	10
AL80-550	55,000	14,530	71,500	18,890	3320	131	600	24	600	24	250	10
AL80-500	50,000	13,210	65,000	17,170	3090	122	600	24	600	24	250	10
AL80-450	45,000	11,890	58,500	15,450	2860	113	600	24	600	24	250	10
AL80-400	40,000	10,570	52,000	13,740	2630	104	600	24	600	24	250	10
AL80-350	35,000	9,250	45,500	12,020	2400	94	600	24	600	24	250	10
AL80-300	30,000	7,930	39,000	10,300	2170	85	600	24	600	24	250	10
AM80-250	25,000	6,600	32,500	8,590	1840	72	400	16	400	16	150	6
AM80-200	20,000	5,280	26,000	6,870	1610	63	400	16	400	16	150	6
AM80-175	17,500	4,620	22,750	6,010	1495	59	400	16	400	16	150	6
AM80-150	15,000	3,960	19,500	5,150	1380	54	400	16	400 <td 16	150	6	
AM80-125	12,500	3,300	16,250	4,290	1265	50	400	16	400	16	150	6
AM80-100	10,000	2,640	13,000	3,430	1150	45	250	10	250	10	100	4
AM80-75	7,500	1,980	9,750	2,580	1035	41	250	10	250	10	100	4
AM80 50	5,000	1,320	6,500	1,720	920	36	250	10	250	10	100	4



RADICLONE AM80 system



The RADICLONE AM80 system is installed in applications with highest demand on pulp and paper cleanliness. RADICLONE AM80 systems with innovative automation are extremely reliable and feature low operating and maintenance costs.

