



With over 3000 Air/Oil Separator design for compressors, Mikropor offers multiple options for the full range of air flow and performance requirements.



Conventional, pleated, depth construction spin-on and state-of-art "sep-n-sep" design separator allow Mikropor to cover the air/oil separation needs of the entire compressor applications.

Air / Oil Separator overall height (mm)

		Dimensions																			
		150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000		
Air / Oil Separator body diameter (mm)	110	Conventional	1	2	2																
		3S	3	5	5																
		Sep-n-Sep®																			
	135	Conventional	2	2	3	3	4	5													
		3S	4	5	6	8	8	9													
		Sep-n-Sep®																			
	150	Conventional	2	2.5	3	4	5	5	6	7											
		3S	4	5	7	8	10	11	12	13											
		Sep-n-Sep®																			
	170	Conventional	2	3	4	5	5	6	7	8	9	10									
		3S	4	6	8	10	11.5	13	14	16	17	19									
		Sep-n-Sep®																			
	200	Conventional		3	5	5	7	7	8	9	10	11	12								
		3S		7	9	11	13	15	17	19	21	23	25								
		Sep-n-Sep®																			
	220	Conventional			5	6	7	8	9	11	12	13	14	15	16						
		3S			10	13	15	17	19	22	23	26	28	30	33						
		Sep-n-Sep®																			
	270	Conventional			7	8	9	10	12	13	15	16	17	19	20	22	23	24			
		3S			14	15	18	21	24	27	29	32	35	38	41	44	47	49			
Sep-n-Sep®				21	23	27	31	36	40	44	48	52	56	61	66	70	73				
300	Conventional			8	9	10	12	13	15	17	18	20	21	23	24	26	28	29	31		
	3S			15	18	21	24	27	30	34	37	40	43	46	49	53	57				
	Sep-n-Sep®			24	28	32	37	42	46	53	57	62	66	71	76	82	88				
350	Conventional				10	12	14	16	18	20	22	24	26	28	30	32	34	36	38		
	3S				20	24	28	32	36	40	44	48	52	56	60						
	Sep-n-Sep®				32	38	44	50	56	63	69	75	81	88	94						
375	Conventional				11	13	15	17	19	21	23	25	27	29	31	33	35	37	39		
	3S				22	26	30	34	38	42	46	50	54	58							
	Sep-n-Sep®				34	40	47	54	60	66	72	79	85	91							
400	Conventional					15	17	19	21	23	25	27	29	32	34	36	38	40	42		
	3S					30	34	37	42	46	51	55	59								
	Sep-n-Sep®					47	52	59	67	73	81	88	94								
470	Conventional						20	22	25	27	30	33	35	37	41	43	45	48	51		
	3S						40	45	50	55											
	Sep-n-Sep®						63	71	79	87											
500	Conventional							24	27	30	33	36	39	42	45	48	51	54	56		
	3S							50	55	60											
	Sep-n-Sep®							82	91	100											

Conwrap Separators

Mikropor 'Conwrap' Separators are standard wrapped style separators. These separators are designed for outside to inside flow and can be used with all oil injection Rotary Vane and Rotary Screw Compressors. Conwrap separators operate between 1 to 60 m³/min flow rate at 7 bar with 1 to 3 mg/m³ oil carry over.

'3S' Air / Oil Separators

The revolutionary Mikropor '3S' Separator is designed to fit the smaller separator housings without sacrificing operating performance. The '3S' separator has double to triple capacity when compared to a conventional separator with the same dimensions. The '3S' separator has 1/2 - 1/3 of volume of a conventional separator functioning in the same operating conditions. This increased capacity is achieved with specially designed progressive type, deep bed, coalescing media using an increased number of wraps.



Pleated Air / Oil Separators

Pleated separators increase the media surface area to reach higher capacities and maintain dimensions. Mikropor manufactures dozens of pleated separator designs.



Spin - on type Air / Oil Separators

Mikropor Spin-On Type Air / Oil Separators are manufactured as an exchangeable element. Because Spin-Ons do not require a compressor housing, they permit uncomplicated and quick replacement without dismantling the compressor. Spin-On Type Air/Oil Separators are available for 0,6 to 7 m³/min flow rates operating at 7 bar.

