

AJUST-O-FILM® PROCESSOR

The LCI Ajust-O-Film horizontal thin-film evaporator is reverse tapered, has external bearings, and occupies less headroom than vertical designs. It maintains the basic performance features of vertical thin-film units while possessing special characteristics which better suit it for certain applications.

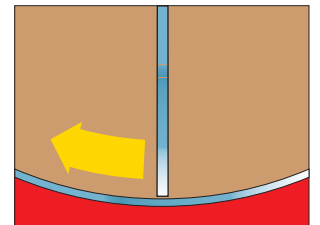
The Ajust-O-Film's normal co-current flow configuration and lower length/diameter ratio are advantageous for handling feed flashing or foaming situations and for minimum pressure drop. The tapered, adjustable clearance design also facilitates the controlled variation of residence time, which can enhance reactions and mass transfer limited applications. It can also permit higher overhead-to-feed splits by maintaining a liquid film on the heated wall even at very low concentrate (bottoms) rates.



Normally, all product and vapor wetted surfaces are of 316 stainless steel, but construction in a wide range of special alloys is available. Units are built to ASME code requirements. Heating is typically by steam or liquid heat transfer fluids.

Component systems including items such as tanks, pumps, condensers and instruments can be furnished, or a complete modular system can be supplied for quick installation.

Ajust-O-Film was formerly a product of Kontro Company.



Fixed clearance rotor

DIMENSIONAL INFORMATION (Approximate)

Area ft. ² (m ²)	A Overall Height in.(mm)	B Rotor Withdrawal in.(mm)	C Width in.(mm)	Weight Empty lb.(kg)
1(0.1)	43(1,092)	30(762)	9(228)	425(193)
4(0.4)	62(1,575)	45(1,142)	13(330)	700(318)
10(1)	109(2,768)	80(2,032)	26(660)	1,600(728)
16(1.5)	120(3,048)	92(2,336)	30(762)	1,900(864)
21(2)	131(3,328)	100(2,540)	33(838)	2,500(1,136)
32(3)	149(3,784)	118(2,998)	37(940)	3,800(1,728)
43(4)	158(4,012)	126(3,200)	44(1,118)	4,500(2,046)
54(5)	173(4,394)	140(3,556)	46(1,168)	9,400(4,272)
65(6)	183(4,648)	150(3,810)	48(1,220)	14,300(6,500)
87(8)	205(5,206)	169(4,292)	54(1,372)	16,000(7,272)
109(10)	213(5,410)	176(4,470)	63(1,600)	19,000(8,632)

Additional sizes available

