

SAFETY NOT RETURN VALVES Ø 100 ÷ 700

ATEX CERTIFIED

CE EPT 18 ATEX 3028 X Ex II D



Aircom's safety not return valves, are **ATEX CERTIFIED EN 16447** against the propagation of explosion in suction lines. They are the sure solution to isolate the environments in case of explosion in the equipment of suction system for stopping the explosive effect in suction lines. They are made of carbon steel painted standard **RAL 3020** or in stainless steel AISI 304 or AISI 316, welded in all the unions and reinforced structure to withstand high pressures. Our standard production is equipped with flanges and counterflanges and anti-opening lock. A seal ensures held in closed position.

TECHNICAL DATA:

Application class: 2 (Kst max 260/270 bar m/s)
 Pred 0,5 bar (72,5 PSI)
 Maximum speed of air: 30m/s
 Application zone 21-22 (internal); 21-22 (external)
 Minimum and maximum installation distance (see table, Lmin/Lmax)
 Maximum working pressure 50.000 Pa (pull flow)

ACCESSORIES ON DEMAND

Microswitch close position
 Capacitive sensor of inside material stopped
 Gasket in siliconcell
 Pneumatic cleaning system
 Pneumatic rearm for anti -opening lock

ØSNR [mm]	Lmin [m]	Lmax [m]	Kst [bar*m/s]	Pressure drop to 25 ms [mm H2O]
100	3	5	270	26
125	3	5	270	25
150	3	5	270	25
160	2	4	270	24
180	2	4	270	24
200	2	4	270	23
250	2	4	270	23
300	2	4	270	24
350	2	4	270	23
400	2	4	270	23
450	3	4	260	22
500	3	4	260	22
550	3	4	260	21
600	3	4	260	21
650	3	4	260	21
700	3	4	260	20

ØSNR [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	M [mm]	m [kg]
100	150	195	385	-	230	100	75	-	-	8
125	175	220	410	-	255	110	88	-	-	9
150	200	245	435	-	255	125	100	-	-	10
160	360	360	555	460	305	180	170	-	25	20
180	360	360	555	460	305	180	170	-	25	20
200	360	360	555	460	305	180	175	-	25	20
250	410	410	605	510	330	205	195	-	25	25
300	460	460	675	555	355	230	220	-	25	38
350	510	530	725	605	380	255	245	305	25	45
400	560	580	775	690	405	280	270	350	65	54
450	610	630	825	750	430	305	295	400	120	68
500	660	680	875	860	455	330	320	455	200	80
550	710	730	925	875	480	355	345	505	120	100
600	760	780	975	930	505	380	370	555	160	115
650	810	830	1025	1010	530	405	395	605	200	125
700	860	880	1075	1095	555	430	420	655	250	135

