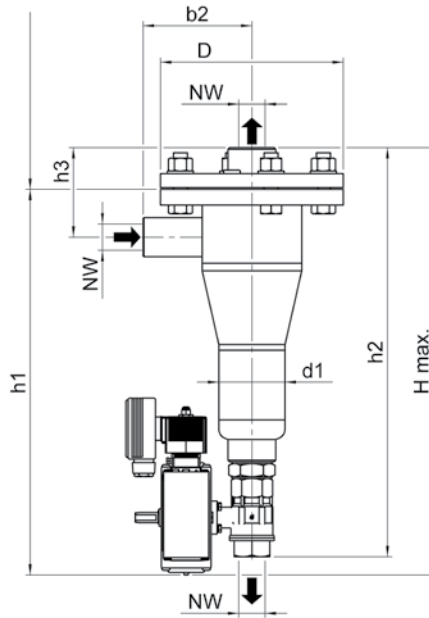


35 gpm
132 L/min

230 psi
16 bar



Filter Size	NW in (mm)	H Max. in (mm)	h1 in (mm)	h2 in (mm)	h3 in (mm)	b2 in (mm)	D in (mm)	d1 in (mm)	Installation Height in (mm)
ATF 1	0.04 (1)	19.29 (490)	17.52 (445)	18.50 (470)	4.06 (103)	4.92 (125)	8.27 (210)	3.00 (76.1)	13.78 (350)

Filter Housing Specifications

Filtration Rate: 200-3000 µm slotted tube only

Operating Rate: 32°F - 194°F (0°C - 90°C)

Housing Material: Stainless Steel or Carbon Steel

Size: 1

Flow Rate: 8-35 gpm
(30-132 L/m)

Pressure Rating: 230 psi
(16 bar)

Connections Inlet/Outlet: 1" NPT
(G 1")

Connection Discharge Line: 1" NPT
(G 1")

Filter Area: 23 in²
(150 cm²)

Weight: 33 lbs
(15 kg)

Volume: 0.5 gal
(1.8 L)

Automatic Twist Flow Strainer ATF-1



How to Build a Valid Model Number for a ATF-1:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11
ATF										

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11
ATF	1	EPZ	1	E	NN	10	0	X	UKS2	200

= ATF1EPZ1ENN100XUKS2200

BOX 1	BOX 2	BOX 3	BOX 4
Filter Series	Size	Control Type	Voltage
ATF	1 = Inlet/outlet 1" NPT	0 = No controls/ No valve M = Manual valve EP = Electro-pneumatic discharge valve, without timer control EPZ = Electro-pneumatic discharge valve, with timer control E = Electric discharge valve, without timer control EZ = Electric discharge valve, with timer control	1 = 230 VAC, 60 Hz, Single Phase 2 = 110VAC, 60 Hz, Single Phase 3 = 24VAC, 60 Hz, Single Phase 4 = 24VDC Omit if no control type specified

BOX 5	BOX 6	BOX 7	BOX 8
Housing Material	Discharge Valve	Pressure Rating	Accessories
N = Carbon Steel E = Stainless Steel A = for ANSI flanges, also add A J = for JIS flanges, also add J T = NPT thread (size 1 only), also add T P = Internal Coating with 2-K polyurethane paint, also add P	0 = None NN = Butterfly valve, cast housing coated, disc Stainless Steel, cuff BR (not available on size 1) NE = Butterfly valve, cast housing coated, disc Stainless Steel, cuff EPDM (not available on size 1) NV = Butterfly valve, cast housing coated, disc Stainless Steel, cuff Viton (not available on size 1) BN = Butterfly valve, cast housing coated, disc Bronze, cuff NBR (not available on size 1) BE = Butterfly valve, cast housing coated, disc Bronze, cuff EPDM (not available on size 1) BV = Butterfly valve, cast housing coated, disc Bronze, cuff Viton (not available on size 1) E = Ball valve Stainless Steel (size 1 only) M = Ball valve brass (size 1 only)	10 = 145 psi (10 bar) 16 = 230 psi (16 bar)	0 = none 1 = Base frame (sizes 2, 2.5 and 3 only) 2 = Mounting clips (sizes 2, 2.5 and 3 only) 3 = Differential pressure gauge in aluminum (fitted to customer's equipment) 4 = Differential pressure gauge in stainless steel (fitted to customer's equipment) 5 = Differential pressure gauge in brass (fitted to customer's equipment)

BOX 9	BOX 10	BOX 11
Modification Number	Element Set	Filtration Rating
X = latest version supplied by factory	UKS1 = Conical Slotted Tube for size 1 UKS2 = Conical Slotted Tube for size 2 UKS2.5 = Conical Slotted Tube for size 2.5 UKS3 = Conical Slotted Tube for size 3 UKS3.5 = Conical Slotted Tube for size 3.5 UKS4 = Conical Slotted Tube for size 4	200 = 200 µm (not for size 4) 300 = 300 µm (not for size 4) 500 = 500 µm 1000 = 1000 µm 2000 = 2000 µm 3000 = 3000 µm

- Filter Model Number Selection
- RF3-C
- RF3-0
- RF3-1
- RF3-2
- RF3-2.5
- RF3-3
- RF3-4
- RF3-5
- RF3-6
- RF3-7
- RF3-8
- RF5
- RF7
- RF10
- RF4
- RF4-1
- RF4-2
- RF12
- BTU
- ATF**
- PLF1
- PVD