AIR AND GAS FLOAT TRAPS
FA21.1
(SG iron ; 1/2" to 1" – DN 15 to 25)

DESCRIPTION

The FA21.1 is a series of fully automatic ball float traps specially designed for condensate drainage in compressed air and gas systems. Typical applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Modulating discharge.
Unaffected by sudden or wide load and pressure variations.
Flow direction can be easily changed by repositioning the body in relation to the mechanism and cover.

OPTIONS: Metal to metal sealing.
Equalizing (vent) and drain connections.
BDV – Blowdown valve.
AFZ – Anti-freeze device.
FLL – Float lifting lever.

USE: Compressed air and other non corrosive gases compatible with the construction.

AVAILABLE MODELS: FA21.1-4,5 , 10 and 14 – SG iron.

SIZES: 1/2" to 1"; DN 15 to DN 25.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-1/-2 PN 16.
Flanged ASME B16.42/B16.5 Class 150.

INSTALLATION: Inline horizontal or vertical installation.
Angled horizontal or vertical installation.
See IMI – Installation and maintenance instructions.

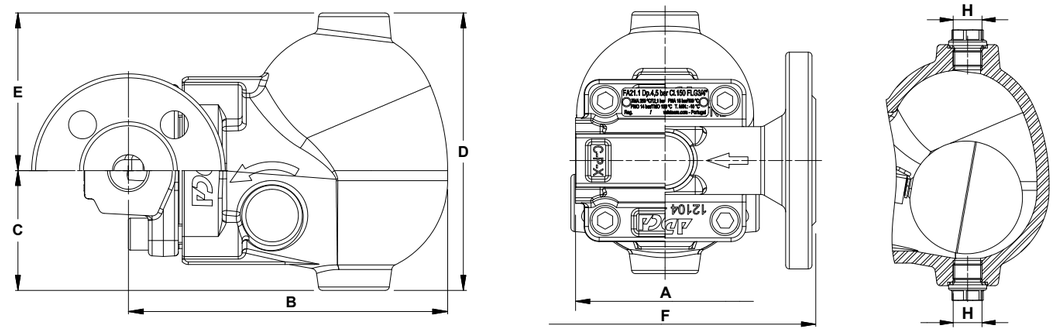
MAX. ΔP: FA21.1-4,5 – 4,5 bar
FA21.1-10 – 10 bar
FA21.1-14 – 14 bar

CE MARKING – GROUP 2 (PED – European Directive)	
PN 16	**Category**
1/2" to 1" – DN 15 to 25	SEP

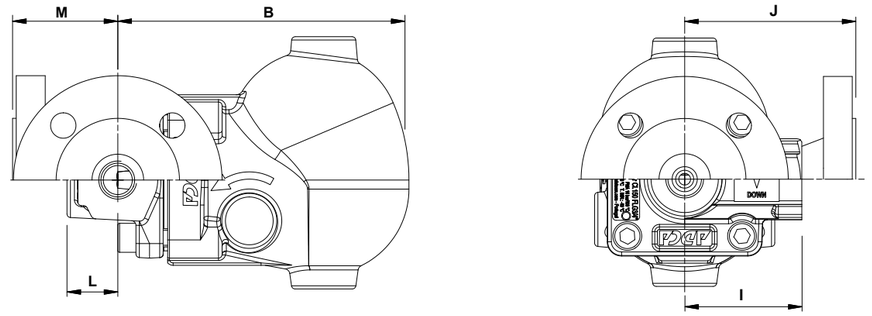
BODY LIMTING CONDITIONS		
FLANGED PN 16 * ALLOWABLE PRESSURE	**FLANGED CLASS 150 ** ALLOWABLE PRESSURE**	**RELAT. TEMP.**
16 bar	16 bar	100 ºC
15,5 bar	14,8 bar	150 ºC
14,7 bar	13,9 bar	200 ºC
13,9 bar	12,1 bar	250 ºC

PMO – Max. operating press.: 14 bar; TMO – Maximum operating temperature:
FPM / Viton valve sealing: 200 ºC.
Metal to metal sealing: 250 ºC.
Min. liquid specific weight: 0,75 kg/dm³.
* Acc. to EN 1092-2:2018; ** Acc. to ASME B16.42.

FLOW RATE CAPACITY (kg/h)										
MODEL	**SIZE**	**DIFFERENTIAL PRESSURE (bar)**								
		0,5	**1**	**1,5**	**2**	**4,5**	**7**	**10**	**12**	**14**
FA21.1-4,5	**1/2" to 1" – DN 15 to 25**	455	644	788	910	1366	–	–	–	–
FA21.1-10	**1/2" to 1" – DN 15 to 25**	285	403	494	570	856	1068	1276	–	–
FA21.1-14	**1/2" to 1" – DN 15 to 25**	215	304	372	430	645	805	962	1054	1139



Inline design



Angled design

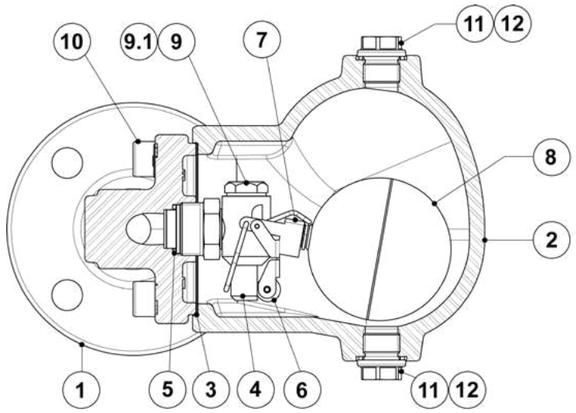
DIMENSIONS (mm) – INLINE DESIGN											
	THREADED							**PN 16**		**CLASS 150**	
SIZE	**A**	**B**	**C**	**D**	**E**	**H ***	**WEIGHT (kg)**	**F**	**WEIGHT (kg)**	**F**	**WEIGHT (kg)**
1/2" – DN 15	95	160	60	139	79	3/8"	4,9	150	6,2	150	5,8
3/4" – DN 20	95	160	60	139	79	3/8"	4,8	150	6,7	150	6,1
1" – DN 25	95	160	60	139	79	3/8"	4,7	160	7,4	160	7,2

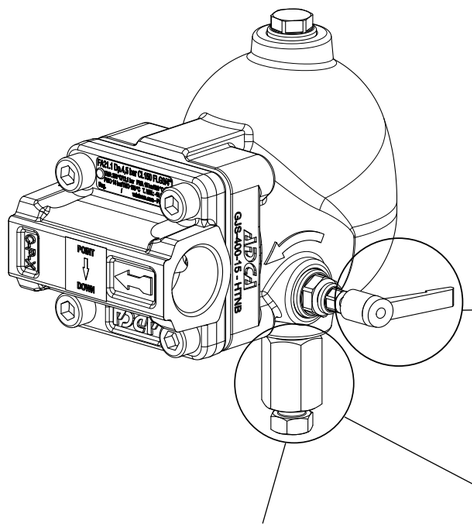
DIMENSIONS (mm) – ANGLED DESIGN														
	THREADED								**PN 16**			**CLASS 150**		
SIZE	**B**	**C**	**D**	**E**	**H ***	**I**	**L**	**WGT. (kg)**	**J**	**M**	**WGT. (kg)**	**J**	**M**	**WGT. (kg)**
1/2" – DN 15	160	60	139	79	3/8"	65	28	4,9	95	58	6,5	100	63	6
3/4" – DN 20	160	60	139	79	3/8"	65	28	4,9	95	58	7	100	63	6,4
1" – DN 25	160	60	139	79	3/8"	65	28	4,9	95	58	7,5	100	63	6,9

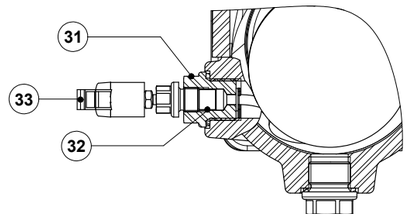
* As standard, in versions with EN flanges or female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges or female NPT threads, these connections are female threaded NPT.

VALSTEAM ADCA
We reserve the right to change the design and material of this product without notice.
IS FA211.015 E 02.21

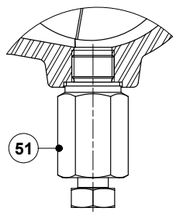
MATERIALS



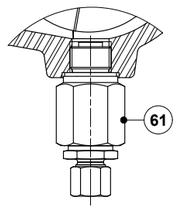




FLL - Float lifting lever



BDV - Blowdown valve (Manual)

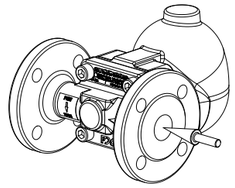


AFZ - Anti-freeze device (Automatic)

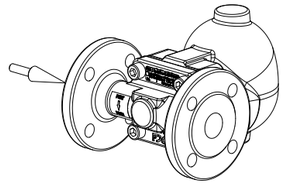
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body (inline flanged)	GJS-400-15 / 0.7040
	Body (inline threaded)	P250GH / 1.0460
	Body (angled)	P250GH / 1.0460
2	Cover	GJS-400-15 / 0.7040
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 303 / 1.4305
5	* Gasket	Copper
6	* Valve ball	AISI 316 / 1.4401; Viton
7	* Lever	AISI 304 / 1.4301
8	* Float	AISI 304 / 1.4301
9	Plug	AISI 316L / 1.4404
9.1	Gasket	Copper
10	Bolts	Zinc plated steel
11	Plug	AISI 316L / 1.4404
12	** Gasket	Copper; AISI 304 / 1.4301
31	Lever mechanism	AISI 303 / 1.4305; AISI 304 / 1.4301; AISI 316L / 1.4404
32	Packing	Graphite
33	Lever	Plastic
51	Blowdown valve	AISI 303 / 1.4305; AISI 316L / 1.4404
61	Anti-freeze device	AISI 303 / 1.4305; AISI 316L / 1.4404

* Available spare parts; ** Not applicable in NPT version.

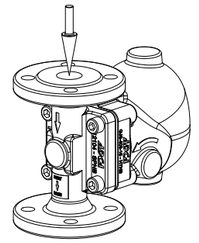
FLOW DIRECTION



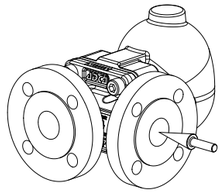
IR - Horizontal from right to left



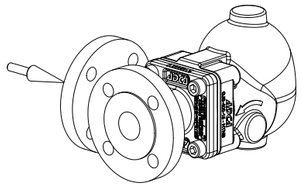
IL - Horizontal from left to right



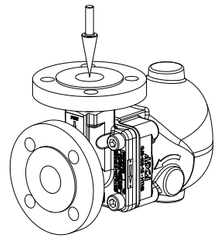
IT - Vertical from top to bottom



AR - Angled from right to front



AL - Angled from left to front



AT - Angled from top to front

VALSTEAM ADCA

We reserve the right to change the design and material of this product without notice.

IS FA211.015 E 02.21

ORDERING CODES FA21.1									
Model	**FA211**	**2**	**V**	**XX**	**X**	**IR**	**A**	**15**	
FA21.1 – GJS-400-15 / 0.7040 SG iron	**FA211**								
Differential pressure									
4,5 bar		**2**							
10 bar		**3**							
14 bar		**4**							
Valve sealing									
FPM / Viton (standard)			**V**						
Metal to metal			**M**						
Cover connections									
None				**XX**					
3/8" threaded connections on top and bottom, closed with plugs (mandatory if any options are considered)				**10**					
Options									
If any, these have specific separate ordering codes, please refer to the appropriate documentation									
FLL - Float lifting lever									
None					**X**				
Lifting lever on the right side (when facing the steam trap body)					**R**				
Lifting lever on the left side (when facing the steam trap body)					**L**				
Flow direction									
Inline horizontal from right to left (standard)						**IR**			
Inline horizontal from left to right						**IL**			
Inline vertical from top to bottom						**IT**			
Angled from right to front						**AR**			
Angled from left to front						**AL**			
Angled from top to front						**AT**			
Pipe connections									
Female threaded ISO 7 Rp							**A**		
Female threaded NPT							**C**		
Flanged EN 1092-1/-2 PN 16							**L**		
Flanged ASME B16.42/B16.5 Class 150							**U**		
Size									
1/2" or DN 15								**15**	
3/4" or DN 20								**20**	
1" or DN 25								**25**	
Special valves / Extras									
Full description or additional codes have to be added in case of a non-standard combination									**E**

AIR AND GAS FLOAT TRAPS
FA25.1
(SG iron ; 1" – DN 25)

DESCRIPTION

The FA25.1 is a series of fully automatic ball float traps specially designed for condensate drainage in compressed air and gas systems. Typical applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Modulating discharge.
Unaffected by sudden or wide load and pressure variations.
Flow direction can be easily changed by repositioning the body in relation to the mechanism and cover.

OPTIONS: Metal to metal sealing.
Equalizing (vent) and drain connections.
BDV – Blowdown valve.
AFZ – Anti-freeze device.
FLL – Float lifting lever.

USE: Compressed air and other non corrosive gases compatible with the construction.

AVAILABLE MODELS: FA25.1-4,5 , 10 and 14 – SG iron.

SIZES: 1"; DN 25.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-1/-2 PN 16.
Flanged ASME B16.42/B16.5 Class 150.

INSTALLATION: Inline horizontal or vertical installation.
Angled horizontal or vertical installation.
See IMI – Installation and maintenance instructions.

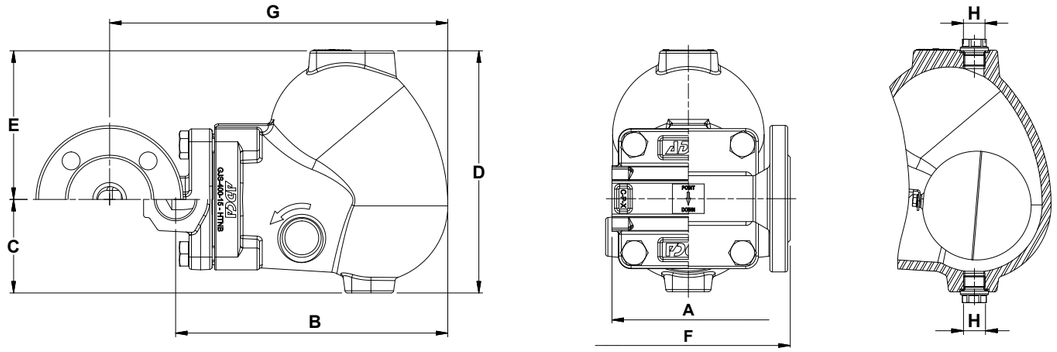
MAX. ΔP: FA25.1-4,5 – 4,5 bar
FA25.1-10 – 10 bar
FA25.1-14 – 14 bar

CE MARKING – GROUP 2 (PED – European Directive)	
PN 16	**Category**
1" – DN 25	SEP

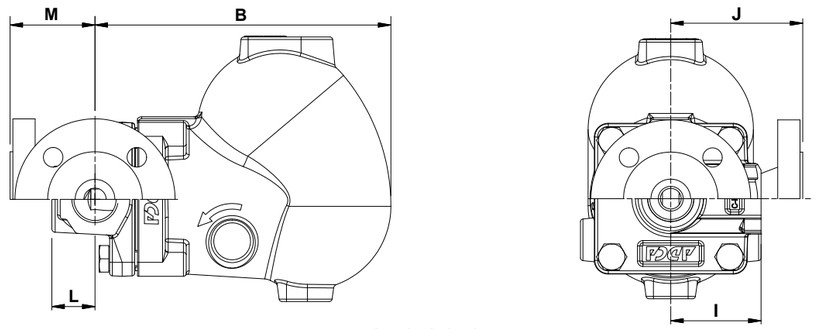
BODY LIMTING CONDITIONS		
FLANGED PN 16 * **ALLOWABLE PRESSURE**	**FLANGED CLASS 150 **** **ALLOWABLE PRESSURE**	**RELAT. TEMP.**
16 bar	16 bar	100 ºC
15,5 bar	14,8 bar	150 ºC
14,7 bar	13,9 bar	200 ºC
13,9 bar	12,1 bar	250 ºC

PMO – Max. operating press.: 14 bar; TMO – Maximum operating temperature:
FPM / Viton valve sealing: 200 ºC.
Metal to metal sealing: 250 ºC.
Min. liquid specific weight: 0,75 kg/dm³.
* Acc. to EN 1092-2:2018; ** Acc. to ASME B16.42.

FLOW RATE CAPACITY (kg/h)										
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)								
		0,5	1	1,5	2	4,5	7	10	12	14
FA25.1-4,5	1" – DN 25	941	1330	1630	1882	2823	–	–	–	–
FA25.1-10	1" – DN 25	597	845	1035	1195	1793	2237	2674	–	–
FA25.1-14	1" – DN 25	455	644	788	910	1366	1704	2036	2231	2409



Inline design



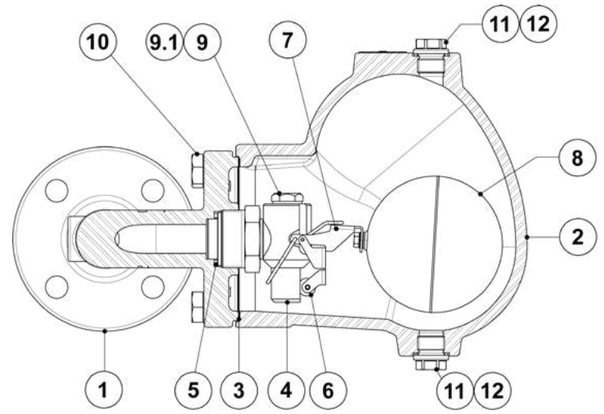
Angled design

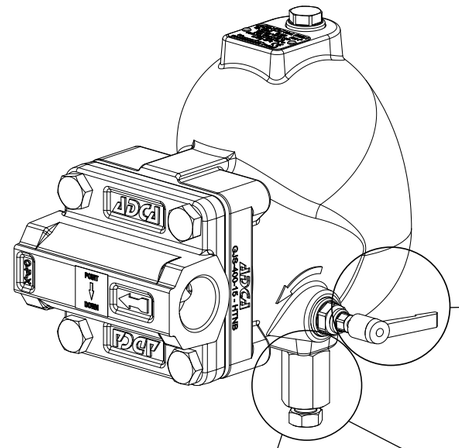
DIMENSIONS (mm) – INLINE DESIGN													
THREADED								PN 16			CLASS 150		
SIZE	A	B	C	D	E	H *	WEIGHT (kg)	F	G	WEIGHT (kg)	F	G	WEIGHT (kg)
1" – DN 25	120	212	73	189	116	3/8"	8,9	160	264	12	160	264	11,9

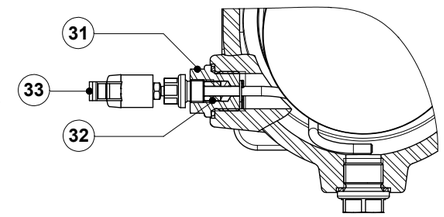
DIMENSIONS (mm) – ANGLED DESIGN													
THREADED									PN 16			CLASS 150	
SIZE	B	C	D	E	H *	I	L	WGT. (kg)	J	M	WGT. (kg)	J	M	WGT. (kg)
1" – DN 25	212	73	189	116	3/8"	65	31	8,4	95	61	11	100	66	10,5

***** As standard, in versions with EN flanges or female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges or female NPT threads, these connections are female threaded NPT.

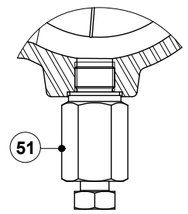
MATERIALS



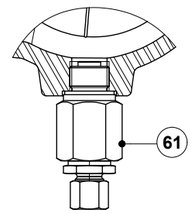




FLL - Float lifting lever



BDV - Blowdown valve (Manual)



AFZ - Anti-freeze device (Automatic)

VALSTEAM ADCA

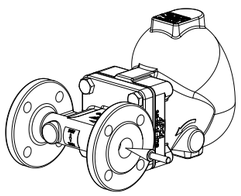
We reserve the right to change the design and material of this product without notice.

IS FA251.025 E 02.21

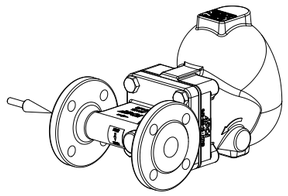
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body (inline flanged)	GJS-400-15 / 0.7040
	Body (inline threaded)	P250GH / 1.0460
	Body (angled)	P250GH / 1.0460
2	Cover	GJS-400-15 / 0.7040
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 303 / 1.4305
5	* Gasket	Copper
6	* Valve ball	AISI 316 / 1.4401; Viton
7	* Lever	AISI 304 / 1.4301
8	* Float	AISI 304 / 1.4301
9	Plug	AISI 316L / 1.4404
9.1	Gasket	Copper
10	Bolts	Zinc plated steel
11	Plug	AISI 316L / 1.4404
12	** Gasket	Copper; AISI 304 / 1.4301
31	Lever mechanism	AISI 303 / 1.4305 ; AISI 304 / 1.4301; AISI 316L / 1.4404
32	Packing	Graphite
33	Lever	Plastic
51	Blowdown valve	AISI 303 / 1.4305; AISI 316L / 1.4404
61	Anti-freeze device	AISI 303 / 1.4305; AISI 316L / 1.4404

* Available spare parts; ** Not applicable in NPT version.

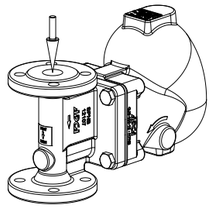
FLOW DIRECTION



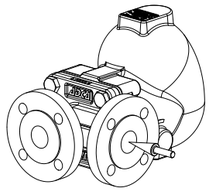
IR - Horizontal from right to left



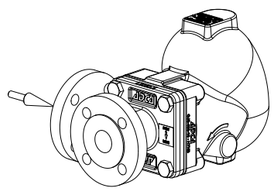
IL - Horizontal from left to right



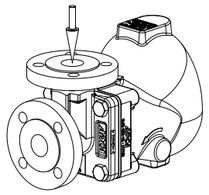
IT - Vertical from top to bottom



AR - Angled from right to front



AL - Angled from left to front



AT - Angled from top to front

ORDERING CODES FA25.1									
Model	**FA251**	**2**	**V**	**XX**	**X**	**IR**	**A**	**25**	
FA25.1	**FA251**								
Differential pressure									
4,5 bar		**2**							
10 bar		**3**							
14 bar		**4**							
Valve sealing									
FPM / Viton (standard)			**V**						
Metal to metal			**M**						
Cover connections									
None				**XX**					
3/8" threaded connections on top and bottom, closed with plugs (mandatory if any options are considered)				**10**					
Options									
If any, these have specific separate ordering codes, please refer to the appropriate documentation.									
FLL - Float lifting lever									
None					**X**				
Lifting lever on the right side (when facing the steam trap body)					**R**				
Lifting lever on the left side (when facing the steam trap body)					**L**				
Flow direction									
Inline horizontal from right to left (standard)						**IR**			
Inline horizontal from left to right						**IL**			
Inline vertical from top to bottom						**IT**			
Angled from right to front						**AR**			
Angled from left to front						**AL**			
Angled from top to front						**AT**			
Pipe connections									
Female threaded ISO 7 Rp							**A**		
Female threaded NPT							**C**		
Flanged EN 1092-1/-2 PN 16							**L**		
Flanged ASME B16.42 / B16.5 Class 150							**U**		
Size									
1" or DN 25								**25**	
Special valves / Extras									
Full description or additional codes have to be added in case of a non-standard combination									**E**

VALSTEAM ADCA

We reserve the right to change the design and material of this product without notice.

IS FA251.025 E 02.21

AIR AND GAS FLOAT TRAPS
FA25.3
(SG iron ; 11/2" and 2" – DN 40 and 50)

DESCRIPTION

The FA25.3 is a range of fully automatic ball float traps specially designed for condensate drainage in compressed air and gas systems. Typical applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Modulating discharge.
Unaffected by sudden or wide load and pressure variations.
Flow direction can be easily changed by repositioning the body in relation to the mechanism and cover.

OPTIONS: Equalizing (vent) and drain connections.
BDV – Blowdown valve.
AFZ – Anti-freeze device.
FLL – Float lifting lever.

USE: Compressed air and other non corrosive gases compatible with the construction.

AVAILABLE MODELS: FA25.3-4,5 , 10 and 14 – SG iron.

SIZES: 11/2" and 2"; DN 40 and DN 50.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-2 PN 16.
Flanged ASME B16.42 Class 150.

INSTALLATION: Horizontal or vertical installation.

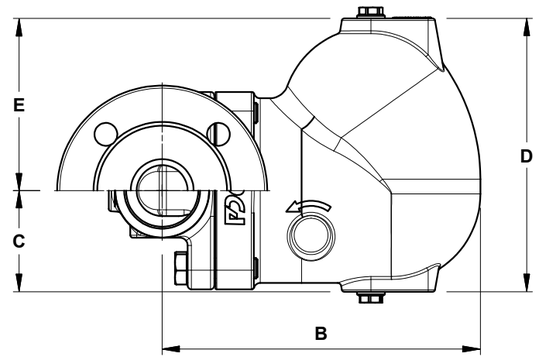
MAX. ΔP: FA25.3-4,5 – 4,5 bar
FA25.3-10 – 10 bar
FA25.3-14 – 14 bar

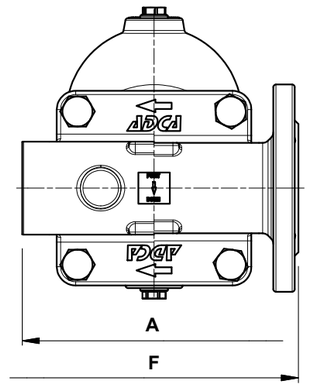
CE MARKING – GROUP 2 (PED – European Directive)	
PN 16	**Category**
11/2" and 2" – DN 40 and 50	SEP

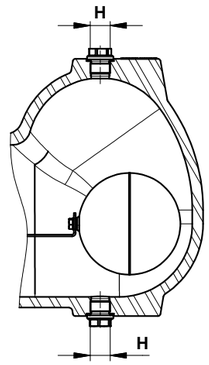
BODY LIMITING CONDITIONS		
FLANGED PN 16 *	**FLANGED CLASS 150 ****	**RELATED TEMP.**
ALLOWABLE PRESSURE	**ALLOWABLE PRESSURE**	
16 bar	16 bar	100 ºC
15,5 bar	14,8 bar	150 ºC
14,7 bar	13,9 bar	200 ºC
13,9 bar	12,1 bar	250 ºC

PMO – Max. operating pressure: 14 bar.
TMO – Max. operating temperature: 250 ºC.
Min. liquid specific weight: 0,75 kg/dm³.
* Acc. to EN 1092-2:2018; ** Acc. to ASME B16.42.
Body limiting conditions PN 16 or below, depending on the type of connection adopted. PN 16 for threaded version.

FLOW RATE CAPACITY (kg/h)										
MODEL	**SIZE**	**DIFFERENTIAL PRESSURE (bar)**								
		0,5	**1**	**1,5**	**2**	**4,5**	**7**	**10**	**12**	**14**
FA25.3-4,5	**11/2" and 2" – DN 40 and 50**	995	1450	1710	2000	2990	–	–	–	–
FA25.3-10	**11/2" and 2" – DN 40 and 50**	505	720	850	1010	1600	1890	2300	–	–
FA25.3-14	**11/2" and 2" – DN 40 and 50**	370	520	610	735	1150	1430	1620	1750	1980







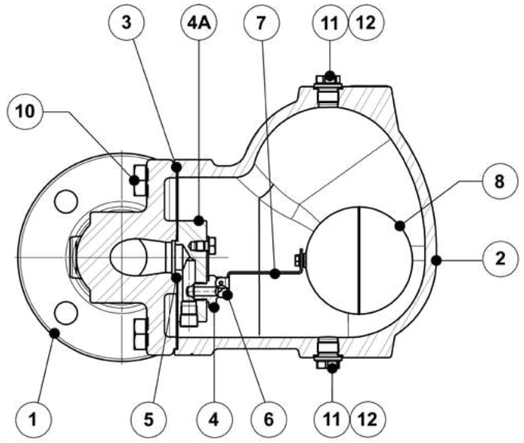
DIMENSIONS (mm)													
THREADED								**PN 16**			**CLASS 150**		
SIZE	**A**	**B**	**C**	**D**	**E**	**H ***	**WEIGHT (kg)**	**F**	**B**	**WEIGHT (kg)**	**F**	**B**	**WEIGHT (kg)**
11/2" – DN 40	210	250	80	215	136	3/8"	18,9	230	250	21,7	230	250	20,2
2" – DN 50	210	250	80	215	136	3/8"	18,2	230	250	23,6	230	250	21,5

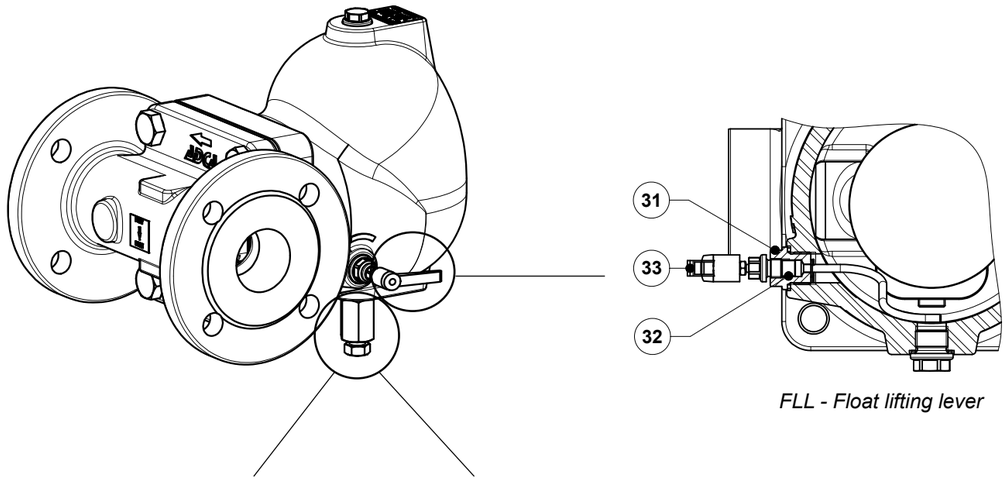
* As standard, in versions with EN flanges and female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges or female NPT threads, these connections are female threaded NPT.

VALSTEAM ADCA
We reserve the right to change the design and material of this product without notice.
IS FA253.040 E 02.21

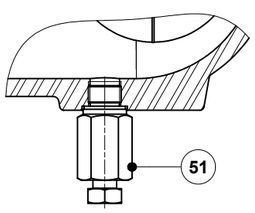
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body	GJS-400-15 / 0.7040
2	Cover	GJS-400-15 / 0.7040
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 410 / 1.4006
4A	Mounting plate	AISI 316 / 1.4401
5	* Gasket	Graphite
6	* Valve ball	AISI 440C / 1.4125
7	* Lever	AISI 304 / 1.4301
8	* Float	AISI 304 / 1.4301
10	Bolts	Zinc plated steel
11	Plug	AISI 316L / 1.4404
12	** Gasket	Copper; AISI 304 / 1.4301
31	Lever mechanism	AISI 303 / 1.4305 ; AISI 304 / 1.4301; AISI 316L / 1.4404
32	Packing	Graphite
33	Lever	Plastic
51	Blowdown valve	AISI 303 / 1.4305; AISI 316L / 1.4404
61	Anti-freeze device	AISI 303 / 1.4305; AISI 316L / 1.4404

* Available spare parts; ** Not applicable in NPT version.

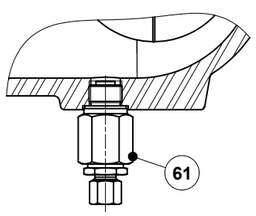




FLL - Float lifting lever

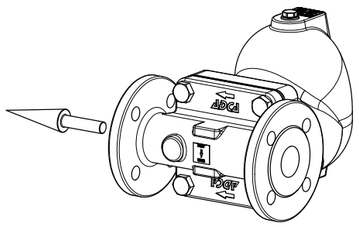


BDV - Blowdown valve (Manual)

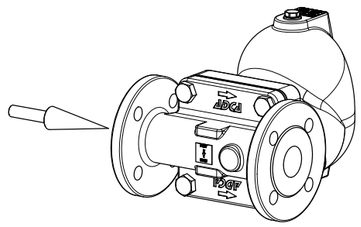


AFZ - Anti-freeze device (Automatic)

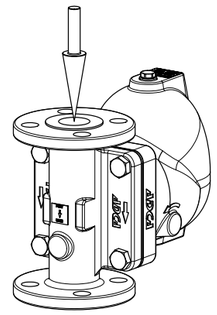
FLOW DIRECTION



R - Horizontal from right to left



L - Horizontal from left to right



V - Vertical from top to bottom

ORDERING CODES FA25.3								
Model	**FA253**	**2**	**M**	**XX**	**X**	**IR**	**A**	**40**	
FA25.3 – GJS-400-15 / 0.7040 SG iron	**FA253**								
Differential pressure									
4,5 bar		**2**							
10 bar		**3**							
14 bar		**4**							
Valve sealing									
Metal to metal			**M**						
Cover connections									
None				**XX**					
3/8" threaded connections on top and bottom, closed with plugs (mandatory if any options are considered)				**10**					
Options									
BDV and AFZ have specific separated ordering codes, please refer to the appropriate documentation.									
FLL - Float lifting lever									
None					**X**				
Lifting lever on the right side (when facing the steam trap body)					**R**				
Lifting lever on the left side (when facing the steam trap body)					**L**				
Flow direction									
Horizontal from right to left – standard						**IR**			
Horizontal from left to right						**IL**			
Vertical from top to bottom						**IT**			
Pipe connections									
Female threaded ISO 7 Rp							**A**		
Female threaded NPT							**C**		
Flanged EN 1092-2 PN 16							**L**		
Flanged ASME B16.42 Class 150							**U**		
Size									
11/2" or DN 40								**40**	
2" or DN 50								**50**	
Special valves / Extras									
Full description or additional codes have to be added in case of a non-standard combination									**E**

We reserve the right to change the design and material of this product without notice.

IS FA253.040 E 02.21

AIR AND GAS FLOAT TRAPS
FA31.1
(Carbon steel 1/2” – 1”; DN 15 – 25)

DESCRIPTION

The FA31.1 is a series of fully automatic ball float traps specially designed for condensate drainage in compressed air and gas systems. Typical applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Modulating discharge.
Unaffected by sudden or wide load and pressure variations.
Flow direction can be easily changed by repositioning the body in relation to the mechanism and cover.

OPTIONS: Metal to metal sealing.
Equalizing (vent) and drain connections.
BDV – Blowdown valve.
AFZ – Anti-freeze device.
FLL – Float lifting lever.

USE: Compressed air and other non corrosive gases compatible with the construction.

AVAILABLE MODELS: FA31.1-4,5 , 14, 10, 21 and 32 – carbon steel.

SIZES: 1/2” to 1”; DN 15 to DN 25.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-1 PN 40.
Flanged ASME B16.5 Class 150 or 300.
Socket weld (SW) ASME 16.11.

INSTALLATION: Inline horizontal or vertical installation.
Angled horizontal or vertical installation.
See IMI – Installation and maintenance instructions.

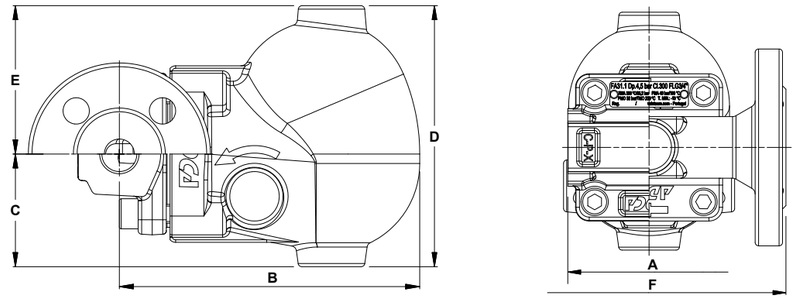
MAX. ΔP: FA31.1-4,5 – 4,5 bar
FA31.1-10 – 10 bar
FA31.1-14 – 14 bar
FA31.1-21 – 21 bar
FA31.1-32 – 32 bar

CE MARKING – GROUP 2 (PED – European Directive)		
CLASS 150	**PN 40**	**Category**
1/2” to 1” DN 15 to 25	–	SEP
–	1/2” to 1” DN 15 to 25	1 (CE marked)

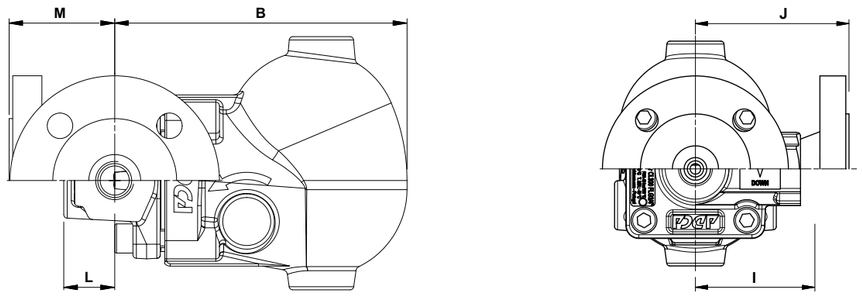
BODY LIMITING CONDITIONS		
FLANGED PN 40 / CLASS 300 *	**FLANGED CLASS 150 ****	**RELATED TEMP.**
ALLOWABLE PRESSURE	**ALLOWABLE PRESSURE**	
37,1 bar	17,7 bar	100 ºC
33,3 bar	14 bar	200 ºC
30,4 bar	12,1 bar	250 ºC
27,6 bar	10,2 bar	300 ºC

PMO – Maximum operating pressure: 32 bar.
TMO – Maximum operating temperature:
FPM / Viton valve sealing: 200 ºC.
Metal to metal sealing: 250 ºC
Min. liquid specific weight: 0,75 kg/dm³.
* Acc. to EN 1092-1:2018; ** Acc. to EN 1759-1:2004.
Body limiting conditions PN 40 or below, depending on the type of connection adopted. Rating PN 40 for threaded and SW versions.

FLOW RATE CAPACITY (kg/h)														
MODEL	**SIZE**	**DIFFERENTIAL PRESSURE (bar)**												
		0,5	**1**	**1,5**	**2**	**4,5**	**7**	**10**	**12**	**14**	**16**	**21**	**25**	**32**
FA31.1-4,5	**1/2” to 1” – DN 15 to 25**	455	644	788	910	1366	–	–	–	–	–	–	–	–
FA31.1-10	**1/2” to 1” – DN 15 to 25**	285	403	494	570	856	1068	1276	–	–	–	–	–	–
FA31.1-14	**1/2” to 1” – DN 15 to 25**	215	304	372	430	645	805	962	1054	1139	–	–	–	–
FA31.1-21	**1/2” to 1” – DN 15 to 25**	154	219	268	309	464	579	693	759	820	876	1004	–	–
FA31.1-32	**1/2” to 1” – DN 15 to 25**	71	100	123	142	214	267	319	349	377	403	462	504	570



Inline design



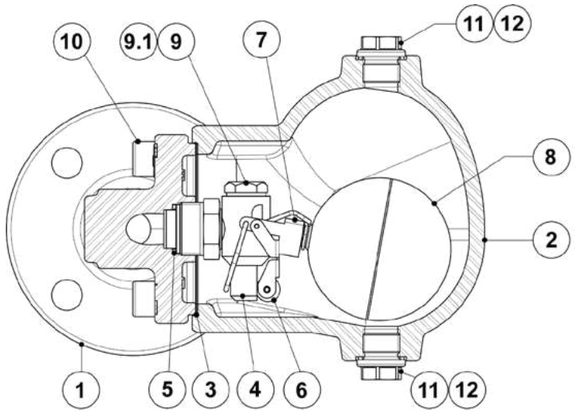
Angled design

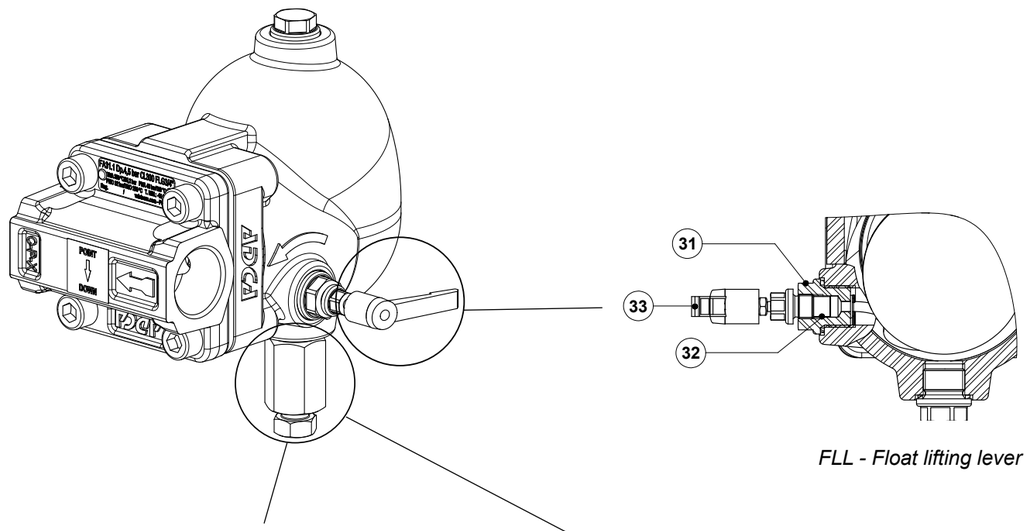
DIMENSIONS (mm) – INLINE DESIGN													
THREADED / SW								**PN 40**		**CLASS 150**		**CLASS 300**	
SIZE	**A**	**B**	**C**	**D**	**E**	**H ***	**WEIGHT (kg)**	**F**	**WEIGHT (kg)**	**F**	**WEIGHT (kg)**	**F**	**WEIGHT (kg)**
1/2" – DN 15	95	160	60	139	79	3/8”	4,9	150	6,2	150	5,8	150	6,1
3/4” – DN 20	95	160	60	139	79	3/8”	4,8	150	6,7	150	6,1	150	7,2
1” – DN 25	95	160	60	139	79	3/8”	4,7	160	7,4	160	7,2	160	7,9

DIMENSIONS (mm) – ANGLED DESIGN																	
THREADED / SW									**PN 40**			**CLASS 150**			**CLASS 300**		
SIZE	**B**	**C**	**D**	**E**	**H ***	**I**	**L**	**WGT. (kg)**	**J**	**M**	**WGT. (kg)**	**J**	**M**	**WGT. (kg)**	**J**	**M**	**WGT. (kg)**
1/2" – DN 15	160	60	139	79	3/8”	65	28	4,9	95	58	6,5	95	58	6	95	58	6,5
3/4” – DN 20	160	60	139	79	3/8”	65	28	4,9	95	58	7	95	58	6,4	95	58	7,5
1” – DN 25	160	60	139	79	3/8”	65	28	4,9	95	58	7,5	95	58	6,9	95	58	8

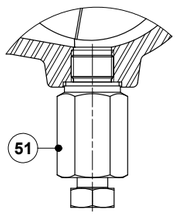
* As standard, in versions with EN flanges or female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges, female NPT threads or SW, these connections are female threaded NPT.

VALSTEAM ADCA
We reserve the right to change the design and material of this product without notice.
IS FA311.025 E 00.21

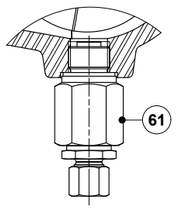




FLL - Float lifting lever



BDV - Blowdown valve (Manual)

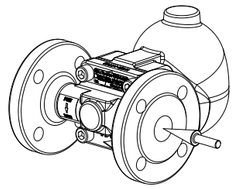


AFZ - Anti-freeze device (Automatic)

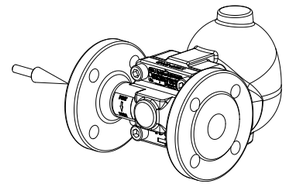
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body (inline flanged)	A216 WCB / 1.0619
	Body (inline threaded)	P250GH / 1.0460
	Body (angled)	P250GH / 1.0460
2	Cover	A216 WCB / 1.0619
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 303 / 1.4305
5	* Gasket	Copper
6	* Valve ball	AISI 316 / 1.4401; Viton
7	* Lever	AISI 304 / 1.4301
8	* Float	AISI 304 / 1.4301
9	Plug	AISI 316L / 1.4404
9.1	Gasket	Copper
10	Bolts	Zinc plated steel
11	Plug	AISI 316L / 1.4404
12	** Gasket	Copper; AISI 304 / 1.4301
31	Lever mechanism	AISI 303 / 1.4305; AISI 304 / 1.4301; AISI 316L / 1.4404
32	Packing	Graphite
33	Lever	Plastic
51	Blowdown valve	AISI 303 / 1.4305; AISI 316L / 1.4404
61	Anti-freeze device	AISI 303 / 1.4305; AISI 316L / 1.4404

* Available spare parts; ** Not applicable in NPT version.

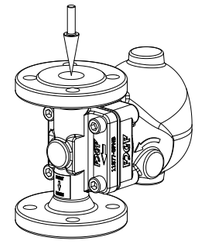
FLOW DIRECTION



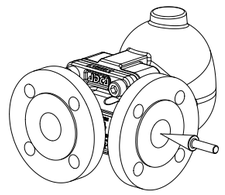
IR - Horizontal from right to left



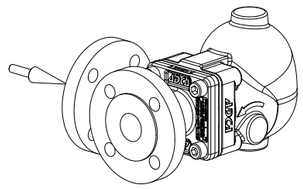
IL - Horizontal from left to right



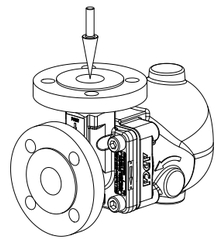
IT - Vertical from top to bottom



AR - Angled from right to front



AL - Angled from left to front



AT - Angled from top to front

VALSTEAM ADCA
We reserve the right to change the design and material of this product without notice.
IS FA311.025 E 00.21

ORDERING CODES FA31.1									
Model	**FA311**	**2**	**V**	**XX**	**X**	**IR**	**A**	**15**	
FA31.1 – carbon steel	**FA311**								
Differential pressure									
4,5 bar		**2**							
10 bar		**3**							
14 bar		**4**							
21 bar		**5**							
32 bar		**7**							
Valve sealing									
FPM / Viton (standard)			**V**						
Metal to metal			**M**						
Cover connections									
None				**XX**					
3/8” threaded connections on top and bottom, closed with plugs (mandatory if any options are considered)				**10**					
Options									
If any, these have specific separate ordering codes, please refer to the appropriate documentation									
FLL - Float lifting lever									
None					**X**				
Lifting lever on the right side (when facing the steam trap body)					**R**				
Lifting lever on the left side (when facing the steam trap body)					**L**				
Flow direction									
Inline horizontal from right to left (standard)						**IR**			
Inline horizontal from left to right						**IL**			
Inline vertical from top to bottom						**IT**			
Angled from right to front						**AR**			
Angled from left to front						**AL**			
Angled from top to front						**AT**			
Pipe connections									
Female threaded ISO 7 Rp							**A**		
Female threaded NPT							**C**		
Socket weld (SW) ASME 16.11							**H**		
Flanged EN 1092-1 PN 40							**N**		
Flanged ASME B16.5 Class 150							**U**		
Flanged ASME B16.5 Class 300							**V**		
Size									
1/2” or DN 15								**15**	
3/4” or DN 20								**20**	
1” or DN 25								**25**	
Special valves / Extras									
Full description or additional codes have to be added in case of a non-standard combination									**E**

AIR AND GAS FLOAT TRAPS
FA35.1
(Carbon steel 1”; DN 25)

DESCRIPTION

The FA35.1 is a series of fully automatic ball float traps specially designed for condensate drainage in compressed air and gas systems. Typical applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Modulating discharge.
Unaffected by sudden or wide load and pressure variations.
Flow direction can be easily changed by repositioning the body in relation to the mechanism and cover.

OPTIONS: Metal to metal sealing.
Equalizing (vent) and drain connections.
BDV – Blowdown valve.
AFZ – Anti-freeze device.
FLL – Float lifting lever.

USE: Compressed air and other non corrosive gases compatible with the construction.

AVAILABLE MODELS: FA35.1-4,5 , 10, 14, 21 and 32 – carbon steel.

SIZES: 1”; DN 25.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-1 PN 40.
Flanged ASME B16.5 Class 150 or 300.
Socket weld (SW) ASME 16.11.

INSTALLATION: Inline horizontal or vertical installation.
Angled horizontal or vertical installation.
See IMI – Installation and maintenance instructions.

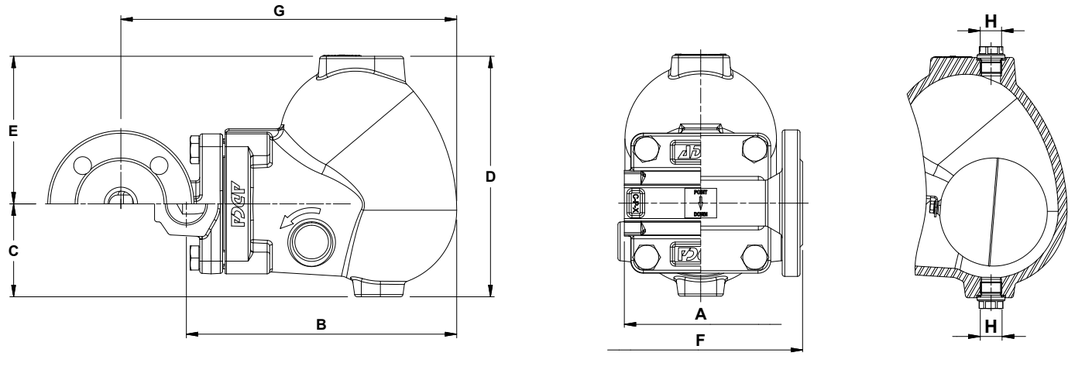
MAX. ΔP: FA35.1-4,5 – 4,5 bar
FA35.1-10 – 10 bar
FA35.1-14 – 14 bar
FA35.1-21 – 21 bar
FA35.1-32 – 32 bar

CE MARKING – GROUP 2 (PED – European Directive)		
CLASS 150	**PN 40**	**Category**
1” – DN 25	–	SEP
–	1” – DN 25	1 (CE marked)

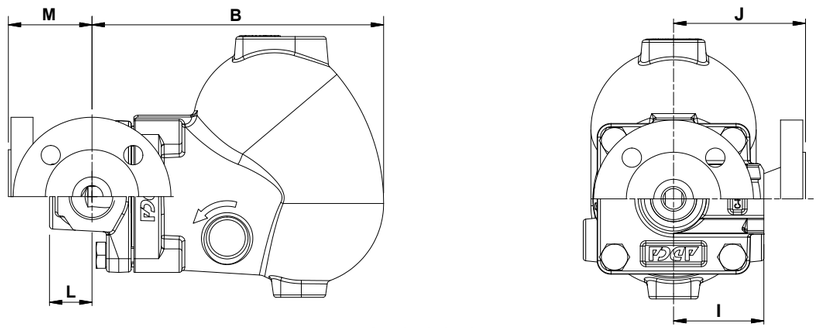
BODY LIMITING CONDITIONS		
FLANGED PN 40 / CLASS 300 *	**FLANGED CLASS 150 ****	**RELATED TEMP.**
ALLOWABLE PRESSURE	**ALLOWABLE PRESSURE**	
37,1 bar	17,7 bar	100 ºC
33,3 bar	14 bar	200 ºC
30,4 bar	12,1 bar	250 ºC
27,6 bar	10,2 bar	300 ºC

PMO – Maximum operating pressure: 32 bar.
TMO – Maximum operating temperature:
FPM / Viton valve sealing: 200 ºC.
Metal to metal sealing: 250 ºC
Min. liquid specific weight: 0,75 kg/dm³.
* Acc. to EN 1092-1:2018; ** Acc. to EN 1759-1:2004.
Body limiting conditions PN 40 or below, depending on the type of connection adopted. Rating PN 40 for threaded and SW versions.

FLOW RATE CAPACITY (kg/h)														
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)												
		0,5	1	1,5	2	4,5	7	10	12	14	16	21	25	32
FA35.1-4,5	1” – DN 25	941	1330	1630	1882	2823	–	–	–	–	–	–	–	–
FA35.1-10	1” – DN 25	597	845	1035	1195	1793	2237	2674	–	–	–	–	–	–
FA35.1-14	1” – DN 25	455	644	788	910	1366	1704	2036	2231	2409	–	–	–	–
FA35.1-21	1” – DN 25	242	342	419	484	726	906	1082	1186	1281	1369	1569	–	–
FA35.1-32	1” – DN 25	177	251	308	355	533	665	795	871	941	1006	1152	1257	1423



Inline design

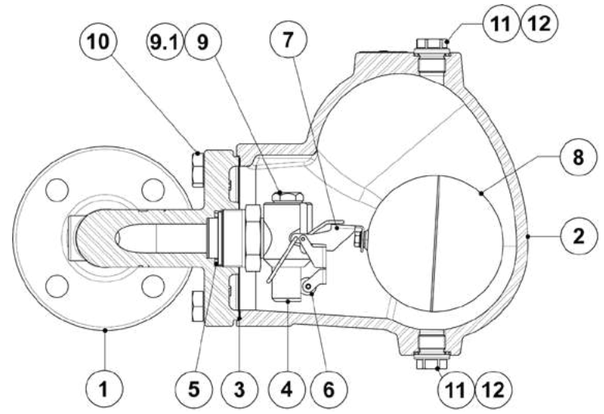


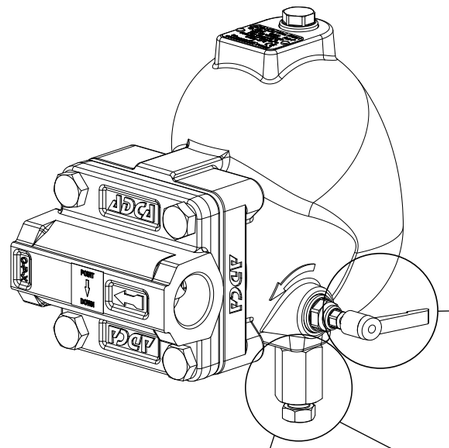
Angled design

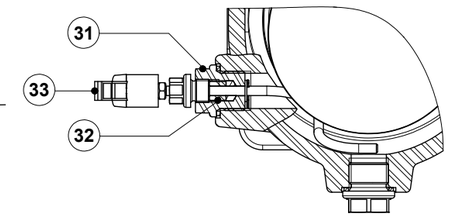
DIMENSIONS (mm) – INLINE DESIGN																
THREADED / SW								PN 40			CLASS 150			CLASS 300		
SIZE	A	B	C	D	E	H *	WGT. (kg)	F	G	WGT. (kg)	F	G	WGT. (kg)	F	G	WGT. (kg)
1” – DN 25	120	212	73	189	116	3/8”	8,9	160	264	12	160	264	11,9	160	264	12,6

DIMENSIONS (mm) – ANGLED DESIGN																
THREADED / SW									PN 40			CLASS 150			CLASS 300		
SIZE	B	C	D	E	H *	I	L	WGT. (kg)	J	M	WGT. (kg)	J	M	WGT. (kg)	J	M	WGT. (kg)
1” – DN 25	212	73	189	116	3/8”	65	31	8,4	95	61	11	100	66	10,5	110	76	11,7

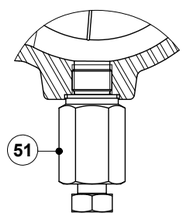
* As standard, in versions with EN flanges or female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges, female NPT threads or SW, these connections are female threaded NPT.



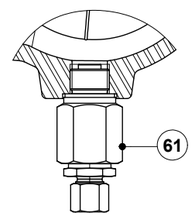




FLL - Float lifting lever



BDV - Blowdown valve (Manual)



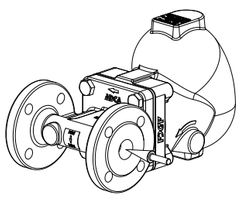
AFZ - Anti-freeze device (Automatic)

VALSTEAM ADCA
We reserve the right to change the design and material of this product without notice.
IS FA351.025 E 01.21

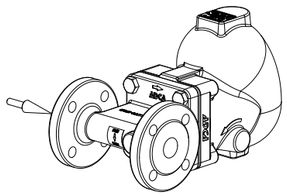
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body (inline flanged)	A216 WCB / 1.0619
	Body (inline threaded)	P250GH / 1.0460
	Body (angled)	P250GH / 1.0460
2	Cover	A216 WCB / 1.0619
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 303 / 1.4305
5	* Gasket	Copper
6	* Valve ball	AISI 316 / 1.4401; Viton
7	* Lever	AISI 304 / 1.4301
8	* Float	AISI 304 / 1.4301
9	Plug	AISI 316L / 1.4404
9.1	Gasket	Copper
10	Bolts	Zinc plated steel
11	Plug	AISI 316L / 1.4404
12	** Gasket	Copper; AISI 304 / 1.4301
31	Lever mechanism	AISI 303 / 1.4305 ; AISI 304 / 1.4301; AISI 316L / 1.4404
32	Packing	Graphite
33	Lever	Plastic
51	Blowdown valve	AISI 303 / 1.4305; AISI 316L / 1.4404
61	Anti-freeze device	AISI 303 / 1.4305; AISI 316L / 1.4404

* Available spare parts; ** Not applicable in NPT version.

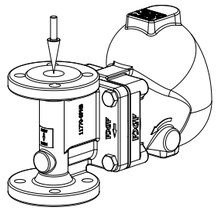
FLOW DIRECTION



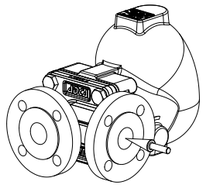
IR - Horizontal from right to left



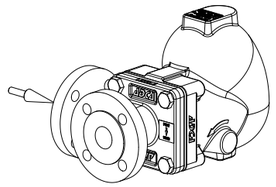
IL - Horizontal from left to right



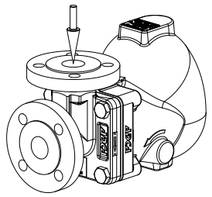
IT - Vertical from top to bottom



AR - Angled from right to front



AL - Angled from left to front



AT - Angled from top to front

ORDERING CODES FA35.1									
Model	**FA351**	**2**	**V**	**XX**	**X**	**IR**	**A**	**25**	
FA35.1 – carbon steel	**FA351**								
Differential pressure									
4,5 bar		**2**							
10 bar		**3**							
14 bar		**4**							
21 bar		**5**							
32 bar		**7**							
Valve sealing									
FPM / Viton (standard)			**V**						
Metal to metal			**M**						
Cover connections									
None				**XX**					
3/8” threaded connections on top and bottom, closed with plugs (mandatory if any options are considered)				**10**					
Options									
If any, these have specific separate ordering codes, please refer to the appropriate documentation.									
FLL - Float lifting lever									
None					**X**				
Lifting lever on the right side (when facing the steam trap body)					**R**				
Lifting lever on the left side (when facing the steam trap body)					**L**				
Flow direction									
Inline horizontal from right to left (standard)						**IR**			
Inline horizontal from left to right						**IL**			
Inline vertical from top to bottom						**IT**			
Angled from right to front						**AR**			
Angled from left to front						**AL**			
Angled from top to front						**AT**			
Pipe connections									
Female threaded ISO 7 Rp							**A**		
Female threaded NPT							**C**		
Socket weld (SW) ASME 16.11							**H**		
Flanged EN 1092-1 PN 40							**N**		
Flanged ASME B16.5 Class 150							**U**		
Flanged ASME B16.5 Class 300							**V**		
Size									
1” or DN 25								**25**	
Special valves / Extras									
Full description or additional codes have to be added in case of a non-standard combination									**E**

VALSTEAM ADCA

We reserve the right to change the design and material of this product without notice.

IS FA351.025 E 01.21

AIR AND GAS FLOAT TRAPS
FA35.3
(Carbon steel 11/2” – 2”; DN 40 – 50)

DESCRIPTION

The FA35.3 is a range of fully automatic ball float traps specially designed for condensate drainage in compressed air and gas systems. Typical applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Modulating discharge.
Unaffected by sudden or wide load and pressure variations.
Flow direction can be easily changed by repositioning the body in relation to the mechanism and cover.

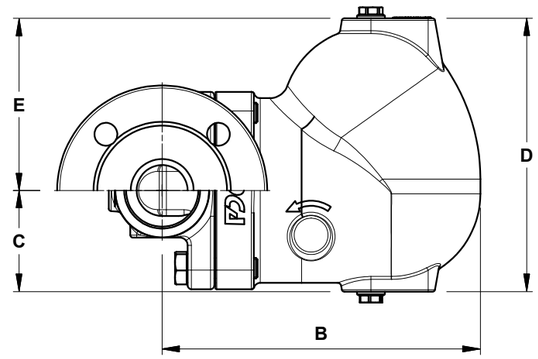
OPTIONS:	Equalizing (vent) and drain connections. BDV – Blowdown valve. AFZ – Anti-freeze device. FLL – Float lifting lever.
USE:	Compressed air and other non corrosive gases compatible with the construction.
AVAILABLE MODELS:	FA35.3-4,5 , 10 , 14 , 21 and 32 – carbon steel.
SIZES:	11/2” to 2”; DN 40 to DN 50.
CONNECTIONS:	Female threaded ISO 7 Rp or NPT. Flanged EN 1092-1 PN 40. Flanged ASME B16.5 Class 150 or 300. Socket weld (SW) ASME B16.11.
INSTALLATION:	Horizontal or vertical installation.
MAX. ΔP:	FA35.3-4,5 – 4,5 bar FA35.3-10 – 10 bar FA35.3-14 – 14 bar FA35.3-21 – 21 bar FA35.3-32 – 32 bar

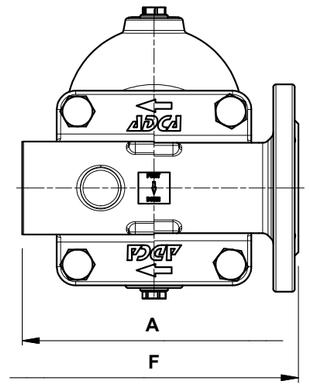
CE MARKING – GROUP 2 (PED – European Directive)		
CLASS 150	**PN 40**	**Category**
11/2” to 2” – DN 40 to 50	–	SEP
–	11/2” to 2” – DN 40 to 50	1 (CE marked)

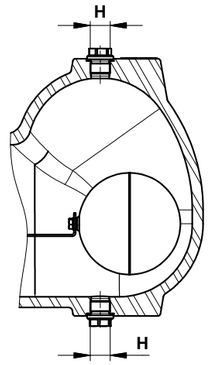
BODY LIMITING CONDITIONS		
FLANGED PN 40 / CLASS 300 *	**FLANGED CLASS 150 ****	**RELATED TEMP.**
ALLOWABLE PRESSURE	**ALLOWABLE PRESSURE**	
40 bar	17,7 bar	100 ºC
40 bar	14 bar	200 ºC
39 bar	12,1 bar	250 ºC
35,2 bar	10,2 bar	300 ºC

PMO – Max. operating pressure: 32 bar.
TMO – Max. operating temperature: 250 ºC.
Min. liquid specific weight: 0,75 kg/dm³.
* Acc. to EN 1092-1:2018; ** Acc. to EN 1759-1:2004.
Body limiting conditions PN 40 or below, depending on the type of connection adopted. Rating PN 40 for threaded, SW and BW versions.

FLOW RATE CAPACITY (kg/h)														
MODEL	**SIZE**	**DIFFERENTIAL PRESSURE (bar)**												
		0,5	**1**	**1,5**	**2**	**4,5**	**7**	**10**	**12**	**14**	**16**	**21**	**25**	**32**
FA35.3-4,5	**11/2” to 2” – DN 40 to 50**	995	1450	1710	2000	2990	–	–	–	–	–	–	–	–
FA35.3-10	**11/2” to 2” – DN 40 to 50**	505	720	850	1010	1600	1890	2300	–	–	–	–	–	–
FA35.3-14	**11/2” to 2” – DN 40 to 50**	370	520	610	735	1150	1430	1620	1750	1980	–	–	–	–
FA35.3-21	**11/2” to 2” – DN 40 to 50**	305	430	515	600	900	1160	1435	1590	1620	1760	1995	–	–
FA35.3-32	**11/2” to 2” – DN 40 to 50**	175	230	290	340	505	625	745	815	900	955	1125	1250	1480







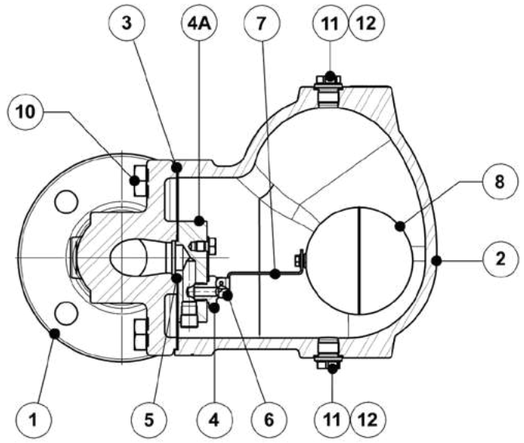
DIMENSIONS (mm)																
THREADED / SW								**PN 40**			**CLASS 150**			**CLASS 300**		
SIZE	**A**	**B**	**C**	**D**	**E**	**H ***	**WGT. (kg)**	**F**	**B**	**WGT. (kg)**	**F**	**B**	**WGT. (kg)**	**F**	**B**	**WGT. (kg)**
11/2" – DN 40	210	250	80	215	136	3/8”	18,9	230	250	21,7	230	250	20,2	230	250	21,5
2” – DN 50	210	250	80	215	136	3/8”	18,2	230	250	23,6	230	250	21,5	230	250	23,2

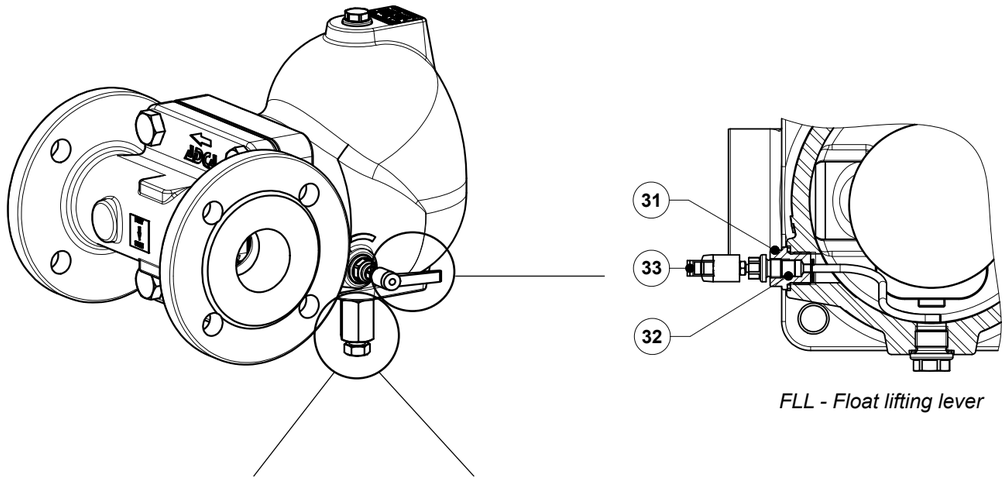
* As standard, in versions with EN flanges and female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges, female NPT threads or SW, these connections are female threaded NPT.

VALSTEAM ADCA
We reserve the right to change the design and material of this product without notice.
IS FA353.040 E 01.21

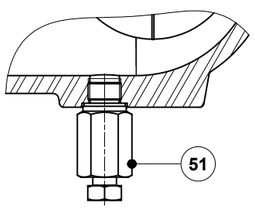
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body	A216 WCB / 1.0619
2	Cover	A216 WCB / 1.0619
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 410 / 1.4006
4A	Mounting plate	AISI 316 / 1.4401
5	* Gasket	Graphite
6	* Valve ball	AISI 440C / 1.4125
7	* Lever	AISI 304 / 1.4301
8	* Float	AISI 304 / 1.4301
10	Bolts	Zinc plated steel
11	Plug	AISI 316L / 1.4404
12	** Gasket	Copper; AISI 304 / 1.4301
31	Lever mechanism	AISI 303 / 1.4305 ; AISI 304 / 1.4301; AISI 316L / 1.4404
32	Packing	Graphite
33	Lever	Plastic
51	Blowdown valve	AISI 303 / 1.4305; AISI 316L / 1.4404
61	Anti-freeze device	AISI 303 / 1.4305; AISI 316L / 1.4404

* Available spare parts; ** Not applicable in NPT version.

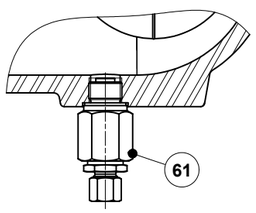




FLL - Float lifting lever

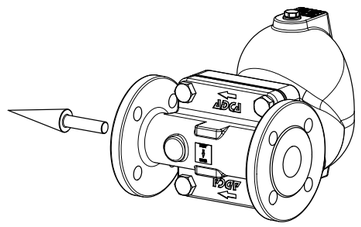


BDV - Blowdown valve (Manual)

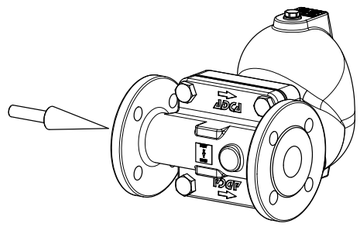


AFZ - Anti-freeze device (Automatic)

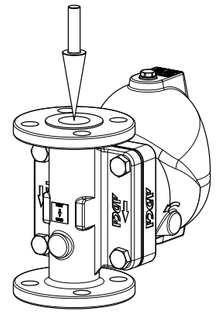
FLOW DIRECTION



R - Horizontal from right to left



L - Horizontal from left to right



V - Vertical from top to bottom

ORDERING CODES FA35.3									
Model	**FA353**	**2**	**M**	**XX**	**X**	**IR**	**A**	**40**	
FA35.3 – A216 WCB / 1.0619 carbon steel	**FA353**								
Differential pressure									
4,5 bar		**2**							
10 bar		**3**							
14 bar		**4**							
21 bar		**5**							
32 bar		**7**							
Valve sealing									
Metal to metal			**M**						
Cover connections									
None				**XX**					
3/8” threaded connections on top and bottom, closed with plugs (mandatory if any options are considered)				**10**					
Options									
BDV and AFZ have specific separated ordering codes, please refer to the appropriate documentation.									
FLL - Float lifting lever									
None					**X**				
Lifting lever on the right side (when facing the steam trap body)					**R**				
Lifting lever on the left side (when facing the steam trap body)					**L**				
Flow direction									
Horizontal from right to left – standard						**IR**			
Horizontal from left to right						**IL**			
Vertical from top to bottom						**IT**			
Pipe connections									
Female threaded ISO 7 Rp							**A**		
Female threaded NPT							**C**		
Socket weld (SW) ASME B16.11							**H**		
Flanged EN 1092-1 PN 40							**N**		
Flanged ASME B16.5 Class 150							**U**		
Flanged ASME B16.5 Class 300							**V**		
Size									
11/2” or DN 40								**40**	
2” or DN 50								**50**	
Special valves / Extras									
Full description or additional codes have to be added in case of a non-standard combination									**E**

We reserve the right to change the design and material of this product without notice.

IS FA353.040 E 01.21

AIR AND GAS FLOAT TRAPS
FA16SS

DESCRIPTION

The FA16SS series are fully automatic ball float traps, extremely compact in dimension and light in weight, specially designed for draining water from compressed air lines.
Usual applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Corrosion resistant.
Replaceable internal parts.
Modulating discharge.
Unaffected by sudden or wide load and pressure changes.

OPTIONS: Compression fitting.
Hand purging knob.

USE: Compressed air and non corrosive gases compatible with the construction.

AVAILABLE MODELS: FA16SS – stainless steel.

SIZES: 1/2” and 3/4”.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
1/2” or 3/4” vertical inlet (top to bottom).
1/2” vertical outlet.

INSTALLATION: Vertical installation. It must be installed absolutely vertically at the points in the plant where the condensate tends to collect.
The drain should be piped to a safe position.
See IMI – Installation and maintenance instructions.

With hand purging knob

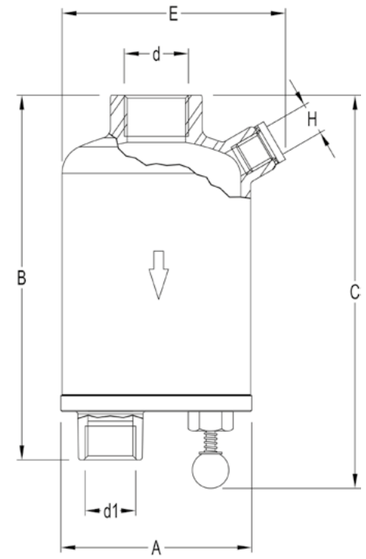
APPLICATION LIMITS	
Minimum liquid specific weight	0,75 kg/dm³
Maximum working differential pressure	14 bar

CE MARKING – GROUP 2 (PED – European Directive)	
PN 16	**Category**
1/2” to 3/4”	SEP

BODY LIMITING CONDITIONS	
THREADED PN 16	**RELATED TEMPERATURE**
ALLOW. PRESS.	
16 bar	100 ºC
14,5 bar	150 ºC
13,4 bar	200 ºC
12,7 bar	250 ºC

PMO – Max. operating pressure: 14 bar;
TMO – Max. operating temperature: 180 ºC.

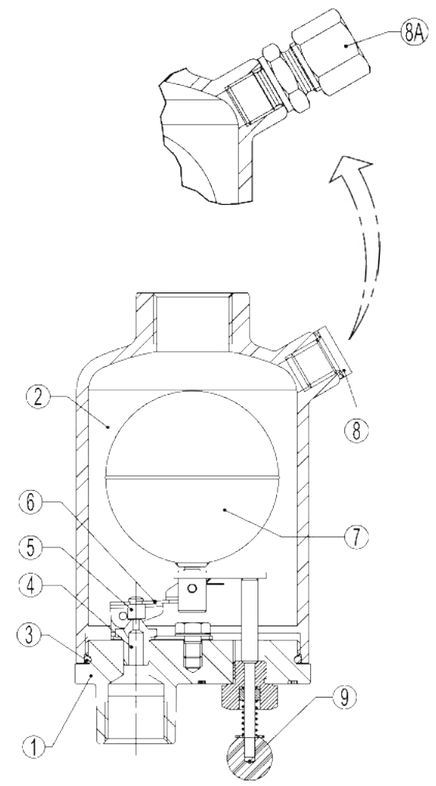
FLOW RATE CAPACITY (kg/h)														
MODEL	**SIZE**	**DIFFERENTIAL PRESSURE (bar)**												
		0,5	**1**	**1,5**	**2**	**3**	**4**	**6**	**7**	**8**	**9**	**10**	**12**	**14**
FA16SS	**1/2” to 3/4”**	120	145	180	190	230	250	300	330	340	360	380	400	430



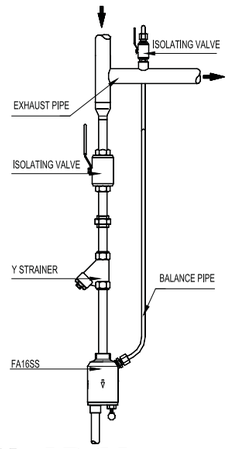
DIMENSIONS (mm)								
SIZE	**d**	**d1**	**A**	**B**	**C**	**E**	**H**	**WEIGHT (kg)**
1/2”	1/2”	1/2”	80	151	163	92	1/4”	1,6
3/4”	3/4”	1/2”	80	151	163	92	1/4”	1,6

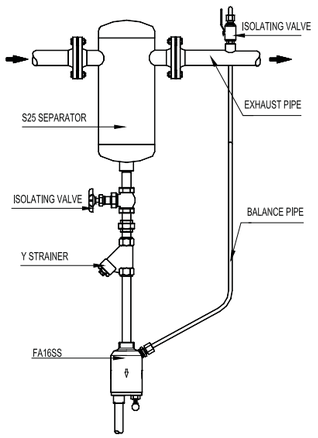
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body	A351 CF8M / 1.4408; AISI 316 / 1.4401
2	Cover	A351 CF8M / 1.4408; AISI 316 / 1.4401
3	* O-ring	NBR
4	* Seat	AISI 316 / 1.4401
5	* Valve	Viton
6	* Lever	AISI 304 / 1.4301
7	* Float	AISI 304 / 1.4301
8	Balance pipe connection	A351 CF8M / 1.4408; AISI 316 / 1.4401
8A	** Compression fitting	Fe/Zn 12 – ISO 2081
9	** Hand purging knob	AISI 304 / 1.4301

* Available spare parts. ** Optional, against extra price.



TYPICAL INSTALLATION





VALSTEAM ADCA

We reserve the right to change the design and material of this product without notice.

IS 2.105 E 10.08

AIR AND GAS FLOAT TRAPS
FA41.1
(Stainless steel 1/2” – 1”; DN 15 – 25)

DESCRIPTION

The FA41.1 is a series of fully automatic ball float traps specially designed for condensate drainage in compressed air and gas systems. Typical applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Modulating discharge.
Unaffected by sudden or wide load and pressure variations.
Flow direction can be easily changed by repositioning the body in relation to the mechanism and cover.

OPTIONS: Metal to metal sealing.
Equalizing (vent) and drain connections.
BDV – Blowdown valve.
AFZ – Anti-freeze device.
FLL – Float lifting lever.

USE: Compressed air and other non corrosive gases compatible with the construction.

AVAILABLE MODELS: FA41.1-4,5 , 10, 14 , 21 and 32 – stainless steel.

SIZES: 1/2” to 1”; DN 15 to DN 25.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-1 PN 40.
Flanged ASME B16.5 Class 150 or 300.
Socket weld (SW) ASME 16.11.

INSTALLATION: Inline horizontal or vertical installation.
Angled horizontal or vertical installation.
See IMI – Installation and maintenance instructions.

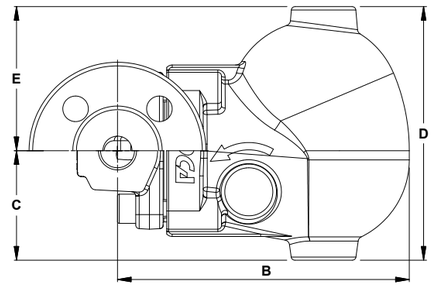
MAX. ΔP: FA41.1-4,5 – 4,5 bar
FA41.1-10 – 10 bar
FA41.1-14 – 14 bar
FA41.1-21 – 21 bar
FA41.1-32 – 32 bar

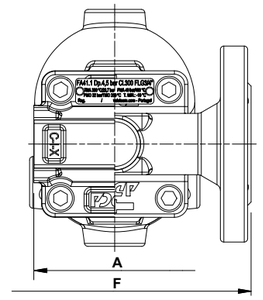
CE MARKING – GROUP 2 (PED – European Directive)		
CLASS 150	**PN 40**	**Category**
1/2” to 1” DN 15 to 25	–	SEP
–	1/2” to 1” DN 15 to 25	1 (CE marked)

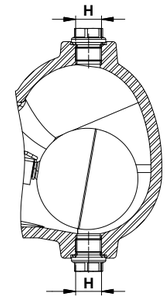
BODY LIMITING CONDITIONS			
FLANGED PN 40 *	**FLANGED CLASS 300 ****	**FLANGED CLASS 150 ****	**RELAT. TEMP.**
ALLOW. PRESS.	**ALLOW. PRESS.**	**ALLOW. PRESS.**	
37,9 bar	34,4 bar	13,3 bar	100 ºC
31,8 bar	28,8 bar	11,1 bar	200 ºC
29,9 bar	26,6 bar	10,2 bar	250 ºC
27,6 bar	25,2 bar	9,7 bar	300 ºC

PMO – Maximum operating pressure: 32 bar.
TMO – Maximum operating temperature:
FPM / Viton valve sealing: 200 ºC.
Metal to metal sealing: 250 ºC.
Min. liquid specific weight: 0,75 kg/dm³.
* Acc. to EN 1092-1:2018; ** Acc. to EN 1759-1:2004.
Body limiting conditions PN 40 or below, depending on the type of connection adopted. Rating PN 40 for threaded and SW versions.

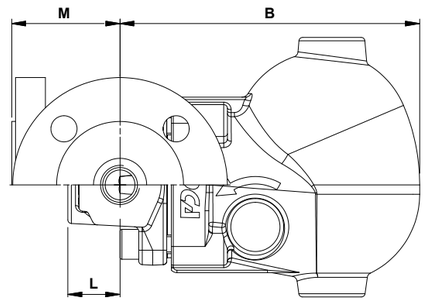
FLOW RATE CAPACITY (kg/h)														
MODEL	**SIZE**	**DIFFERENTIAL PRESSURE (bar)**												
		0,5	**1**	**1,5**	**2**	**4,5**	**7**	**10**	**12**	**14**	**16**	**21**	**25**	**32**
FA41.1-4,5	**1/2” to 1” – DN 15 to 25**	455	644	788	910	1366	–	–	–	–	–	–	–	–
FA41.1-10	**1/2” to 1” – DN 15 to 25**	285	403	494	570	856	1068	1276	–	–	–	–	–	–
FA41.1-14	**1/2” to 1” – DN 15 to 25**	215	304	372	430	645	805	962	1054	1139	–	–	–	–
FA41.1-21	**1/2” to 1” – DN 15 to 25**	154	219	268	309	464	579	693	759	820	876	1004	–	–
FA41.1-32	**1/2” to 1” – DN 15 to 25**	71	100	123	142	214	267	319	349	377	403	462	504	570

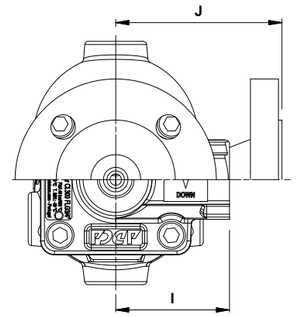






Inline design





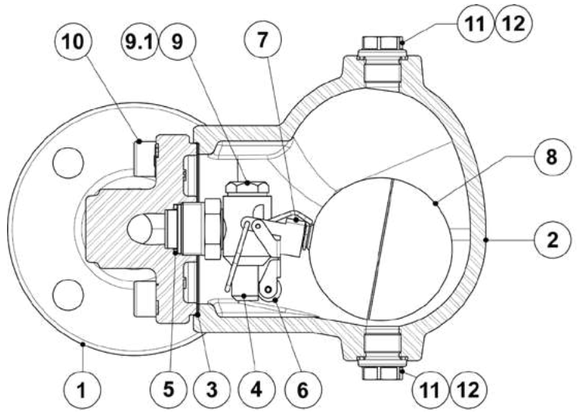
Angled design

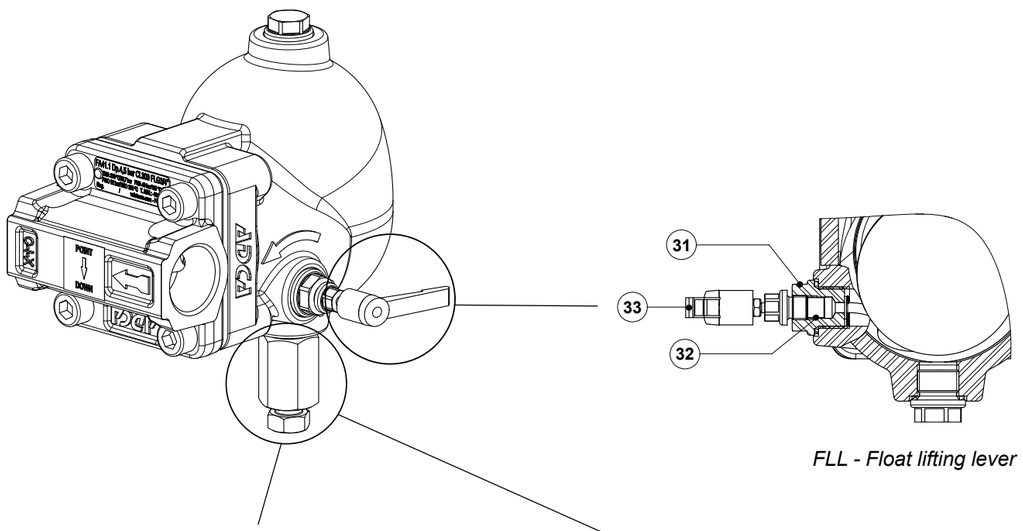
DIMENSIONS (mm) – INLINE DESIGN												
	THREADED / SW							**PN 40**		**CLASS 150**		**CLASS 300**	
SIZE	**A**	**B**	**C**	**D**	**E**	**H ***	**WEIGHT (kg)**	**F**	**WEIGHT (kg)**	**F**	**WEIGHT (kg)**	**F**	**WEIGHT (kg)**
1/2" – DN 15	95	160	60	139	79	3/8”	4,9	150	6,2	150	5,8	150	6,1
3/4” – DN 20	95	160	60	139	79	3/8”	4,8	150	6,7	150	6,1	150	7,2
1” – DN 25	95	160	60	139	79	3/8”	4,7	160	7,4	160	7,2	160	7,9

DIMENSIONS (mm) – ANGLED DESIGN																	
	THREADED / SW								**PN 40**			**CLASS 150**			**CLASS 300**		
SIZE	**B**	**C**	**D**	**E**	**H ***	**I**	**L**	**WGT. (kg)**	**J**	**M**	**WGT. (kg)**	**J**	**M**	**WGT. (kg)**	**J**	**M**	**WGT. (kg)**
1/2" – DN 15	160	60	139	79	3/8”	65	28	4,8	95	58	6,5	100	63	6	105	68	6,5
3/4” – DN 20	160	60	139	79	3/8”	65	28	4,8	95	58	7	100	63	6,4	110	73	7,5
1” – DN 25	160	60	139	79	3/8”	65	28	4,8	95	58	7,5	100	63	6,9	110	73	8

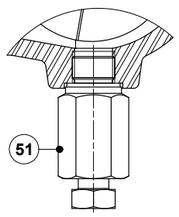
* As standard, in versions with EN flanges or female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges, female NPT threads or SW, these connections are female threaded NPT.

VALSTEAM ADCA
We reserve the right to change the design and material of this product without notice.
IS FA411.025 E 00.21

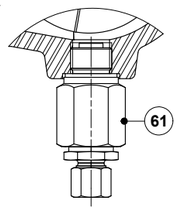




FLL - Float lifting lever



BDV - Blowdown valve (Manual)



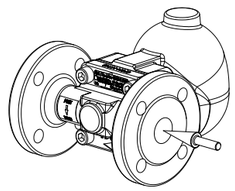
AFZ - Anti-freeze device (Automatic)

LRQA CERTIFIED ISO 9001

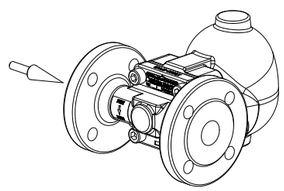
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body (inline flanged)	A351 CF8M / 1.4408
	Body (inline threaded)	AISI 316L / 1.4404
	Body (angled)	AISI 316L / 1.4404
2	Cover	A351 CF8M / 1.4408
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 303 / 1.4305
5	* Gasket	Copper
6	* Valve ball	AISI 316 / 1.4401; Viton
7	* Lever	AISI 304 / 1.4301
8	* Float	AISI 304 / 1.4301
9	Plug	AISI 316L / 1.4404
9.1	Gasket	Copper
10	Bolts	Stainless steel A2-70
11	Plug	AISI 316L / 1.4404
12	** Gasket	Copper; AISI 304 / 1.4301
31	Lever mechanism	AISI 303 / 1.4305; AISI 304 / 1.4301; AISI 316L / 1.4404
32	Packing	Graphite
33	Lever	Plastic
51	Blowdown valve	AISI 303 / 1.4305; AISI 316L / 1.4404
61	Anti-freeze device	AISI 303 / 1.4305; AISI 316L / 1.4404

* Available spare parts; ** Not applicable in NPT version.

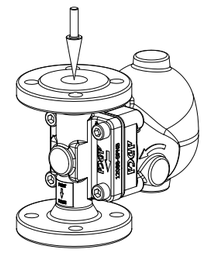
FLOW DIRECTION



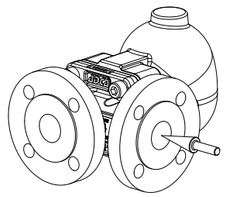
IR - Horizontal from right to left



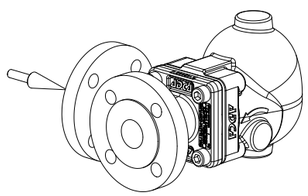
IL - Horizontal from left to right



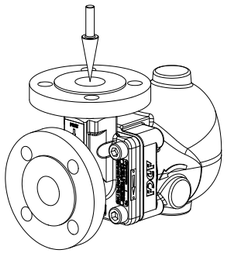
IT - Vertical from top to bottom



AR - Angled from right to front



AL - Angled from left to front



AT - Angled from top to front

VALSTEAM ADCA
We reserve the right to change the design and material of this product without notice.
IS FA411.025 E 00.21

ORDERING CODES FA41.1									
Model	**FA411**	**2**	**V**	**XX**	**X**	**IR**	**A**	**15**	
FA41.1 – stainless steel	**FA411**								
Differential pressure									
4,5 bar		**2**							
10 bar		**3**							
14 bar		**4**							
21 bar		**5**							
32 bar		**7**							
Valve sealing									
FPM / Viton (standard)			**V**						
Metal to metal			**M**						
Cover connections									
None				**XX**					
3/8” threaded connections on top and bottom, closed with plugs (mandatory if any options are considered)				**10**					
Options									
If any, these have specific separate ordering codes, please refer to the appropriate documentation									
FLL - Float lifting lever									
None					**X**				
Lifting lever on the right side (when facing the steam trap body)					**R**				
Lifting lever on the left side (when facing the steam trap body)					**L**				
Flow direction									
Inline horizontal from right to left (standard)						**IR**			
Inline horizontal from left to right						**IL**			
Inline vertical from top to bottom						**IT**			
Angled from right to front						**AR**			
Angled from left to front						**AL**			
Angled from top to front						**AT**			
Pipe connections									
Female threaded ISO 7 Rp							**A**		
Female threaded NPT							**C**		
Socket weld (SW) ASME 16.11							**H**		
Flanged EN 1092-1 PN 40							**N**		
Flanged ASME B16.5 Class 150							**U**		
Flanged ASME B16.5 Class 300							**V**		
Size									
1/2” or DN 15								**15**	
3/4” or DN 20								**20**	
1” or DN 25								**25**	
Special valves / Extras									
Full description or additional codes have to be added in case of a non-standard combination									**E**

AIR AND GAS FLOAT TRAPS
FA45.1
(Stainless steel 1”; DN 25)

DESCRIPTION

The FA45.1 is a series of fully automatic ball float traps specially designed for condensate drainage in compressed air and gas systems. Typical applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Modulating discharge.
Unaffected by sudden or wide load and pressure variations.
Flow direction can be easily changed by repositioning the body in relation to the mechanism and cover.

OPTIONS: Metal to metal sealing.
Equalizing (vent) and drain connections.
BDV – Blowdown valve.
AFZ – Anti-freeze device.
FLL – Float lifting lever.

USE: Compressed air and other non corrosive gases compatible with the construction.

AVAILABLE MODELS: FA45.1-4,5 , 10, 14, 21 and 32 – stainless steel.

SIZES: 1”; DN 25.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-1 PN 40.
Flanged ASME B16.5 Class 150 or 300.
Socket weld (SW) ASME 16.11.

INSTALLATION: Inline horizontal or vertical installation.
Angled horizontal or vertical installation.
See IMI – Installation and maintenance instructions.

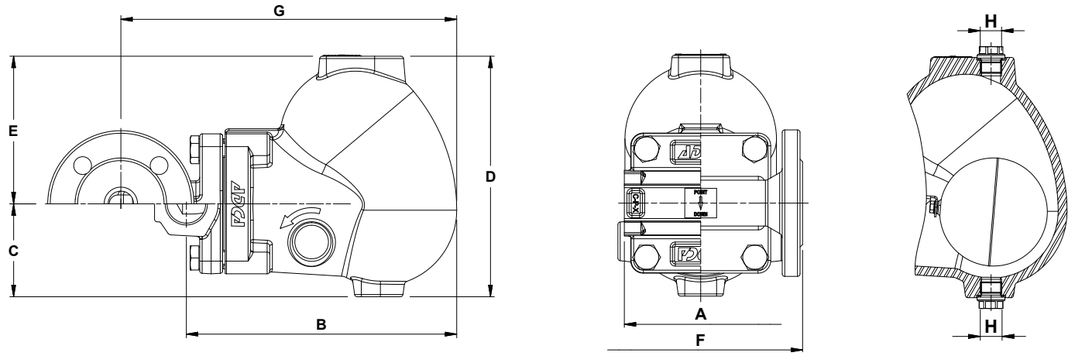
MAX. ΔP: FA45.1-4,5 – 4,5 bar
FA45.1-10 – 10 bar
FA45.1-14 – 14 bar
FA45.1-21 – 21 bar
FA45.1-32 – 32 bar

CE MARKING – GROUP 2 (PED – European Directive)		
CLASS 150	**PN 40**	**Category**
1” – DN 25	–	SEP
–	1” – DN 25	1 (CE marked)

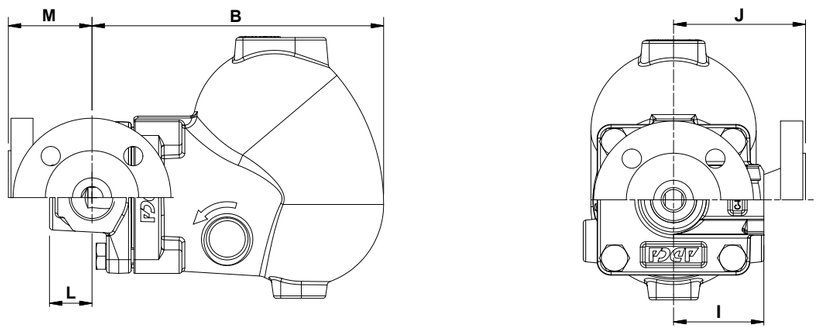
BODY LIMITING CONDITIONS			
FLANGED PN 40 *	**FLANGED CLASS 300 ****	**FLANGED CLASS 150 ****	**RELAT. TEMP.**
ALLOW. PRESS.	**ALLOW. PRESS.**	**ALLOW. PRESS.**	
37,9 bar	34,4 bar	13,3 bar	100 ºC
31,8 bar	28,8 bar	11,1 bar	200 ºC
29,9 bar	26,6 bar	10,2 bar	250 ºC
27,6 bar	25,2 bar	9,7 bar	300 ºC

PMO – Maximum operating pressure: 32 bar.
TMO – Maximum operating temperature:
FPM / Viton valve sealing: 200 ºC.
Metal to metal sealing: 250 ºC.
Min. liquid specific weight: 0,75 kg/dm³.
* Acc. to EN 1092-1:2018; ** Acc. to EN 1759-1:2004.
Body limiting conditions PN 40 or below, depending on the type of connection adopted. Rating PN 40 for threaded and SW versions.

FLOW RATE CAPACITY (kg/h)														
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)												
		0,5	1	1,5	2	4,5	7	10	12	14	16	21	25	32
FA45.1-4,5	1” – DN 25	941	1330	1630	1882	2823	–	–	–	–	–	–	–	–
FA45.1-10	1” – DN 25	597	845	1035	1195	1793	2237	2674	–	–	–	–	–	–
FA45.1-14	1” – DN 25	455	644	788	910	1366	1704	2036	2231	2409	–	–	–	–
FA45.1-21	1” – DN 25	242	342	419	484	726	906	1082	1186	1281	1369	1569	–	–
FA45.1-32	1” – DN 25	177	251	308	355	533	665	795	871	941	1006	1152	1257	1423



Inline design

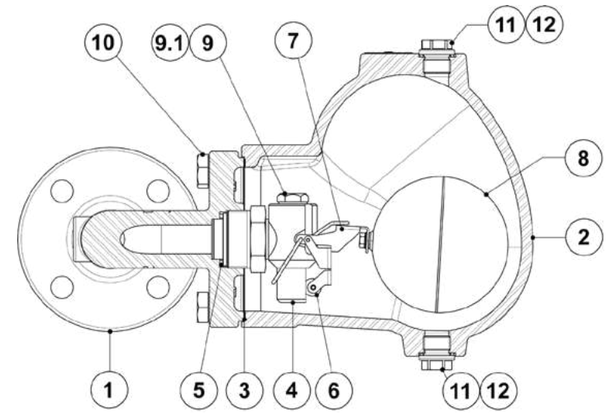


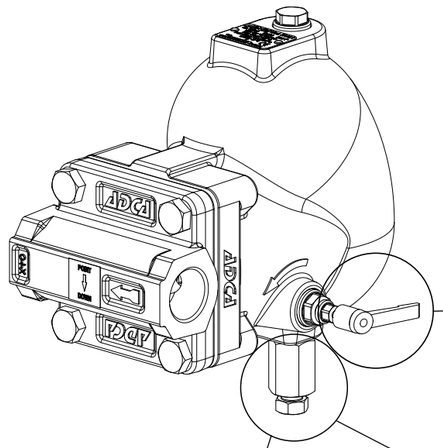
Angled design

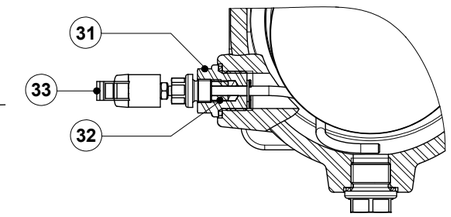
DIMENSIONS (mm) – INLINE DESIGN																
THREADED / SW								PN 40			CLASS 150			CLASS 300		
SIZE	A	B	C	D	E	H *	WGT. (kg)	F	G	WGT. (kg)	F	G	WGT. (kg)	F	G	WGT. (kg)
1” – DN 25	120	212	73	189	116	3/8”	8,9	160	264	12	160	264	11,9	160	264	12,6

DIMENSIONS (mm) – ANGLED DESIGN																
THREADED / SW									PN 40			CLASS 150			CLASS 300		
SIZE	B	C	D	E	H *	I	L	WGT. (kg)	J	M	WGT. (kg)	J	M	WGT. (kg)	J	M	WGT. (kg)
1” – DN 25	212	73	189	116	3/8”	65	31	8,4	95	61	11	100	66	10,5	110	76	11,7

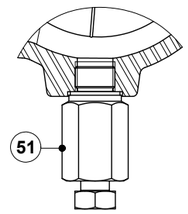
***** As standard, in versions with EN flanges or female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges, female NPT threads or SW, these connections are female threaded NPT.



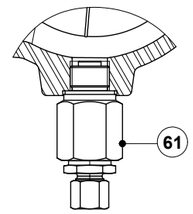




FLL - Float lifting lever



BDV - Blowdown valve (Manual)



AFZ - Anti-freeze device (Automatic)

VALSTEAM ADCA

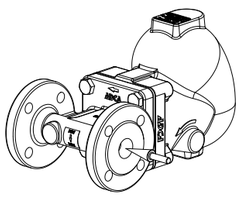
We reserve the right to change the design and material of this product without notice.

IS FA451.025 E 00.21

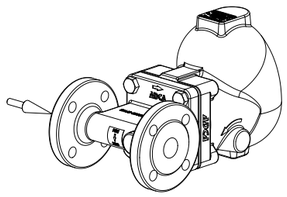
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body (inline flanged)	A351 CF8M / 1.4408
	Body (inline threaded)	AISI 316L / 1.4404
	Body (angled)	AISI 316L / 1.4404
2	Cover	A351 CF8M / 1.4408
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 303 / 1.4305
5	* Gasket	Copper
6	* Valve ball	AISI 316 / 1.4401; Viton
7	* Lever	AISI 304 / 1.4301
8	* Float	AISI 304 / 1.4301
9	Plug	AISI 316L / 1.4404
9.1	Gasket	Copper
10	Bolts	Stainless steel A2-70
11	Plug	AISI 316L / 1.4404
12	** Gasket	Copper; AISI 304 / 1.4301
31	Lever mechanism	AISI 303 / 1.4305 ; AISI 304 / 1.4301; AISI 316L / 1.4404
32	Packing	Graphite
33	Lever	Plastic
51	Blowdown valve	AISI 303 / 1.4305; AISI 316L / 1.4404
61	Anti-freeze device	AISI 303 / 1.4305; AISI 316L / 1.4404

* Available spare parts; ** Not applicable in NPT version.

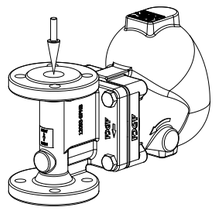
FLOW DIRECTION



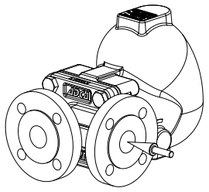
IR - Horizontal from right to left



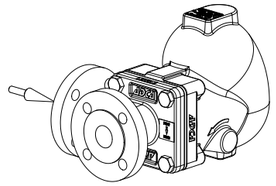
IL - Horizontal from left to right



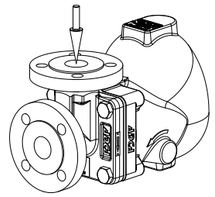
IT - Vertical from top to bottom



AR - Angled from right to front



AL - Angled from left to front



AT - Angled from top to front

ORDERING CODES FA45.1									
Model	**FA451**	**2**	**V**	**XX**	**X**	**IR**	**A**	**25**	
FA45.1 – stainless steel	**FA451**								
Differential pressure									
4,5 bar		**2**							
10 bar		**3**							
14 bar		**4**							
21 bar		**5**							
32 bar		**7**							
Valve sealing									
FPM / Viton (standard)			**V**						
Metal to metal			**M**						
Cover connections									
None				**XX**					
3/8” threaded connections on top and bottom, closed with plugs (mandatory if any options are considered)				**10**					
Options									
If any, these have specific separate ordering codes, please refer to the appropriate documentation.									
FLL - Float lifting lever									
None					**X**				
Lifting lever on the right side (when facing the steam trap body)					**R**				
Lifting lever on the left side (when facing the steam trap body)					**L**				
Flow direction									
Inline horizontal from right to left (standard)						**IR**			
Inline horizontal from left to right						**IL**			
Inline vertical from top to bottom						**IT**			
Angled from right to front						**AR**			
Angled from left to front						**AL**			
Angled from top to front						**AT**			
Pipe connections									
Female threaded ISO 7 Rp							**A**		
Female threaded NPT							**C**		
Socket weld (SW) ASME 16.11							**H**		
Flanged EN 1092-1 PN 40							**N**		
Flanged ASME B16.5 Class 150							**U**		
Flanged ASME B16.5 Class 300							**V**		
Size									
1” or DN 25								**25**	
Special valves / Extras									
Full description or additional codes have to be added in case of a non-standard combination									**E**

VALSTEAM ADCA

We reserve the right to change the design and material of this product without notice.

IS FA451.025 E 00.21

AIR AND GAS FLOAT TRAPS
FA45.3
(Stainless steel 11/2” – 2”; DN 40 – 50)

DESCRIPTION

The FA45.3 is a range of fully automatic ball float traps specially designed for condensate drainage in compressed air and gas systems. Typical applications include aftercoolers, separators and compressed air mains.

MAIN FEATURES

Modulating discharge.
Unaffected by sudden or wide load and pressure variations.
Flow direction can be easily changed by repositioning the body in relation to the mechanism and cover.

OPTIONS: Equalizing (vent) and drain connections.
BDV – Blowdown valve.
AFZ – Anti-freeze device.
FLL – Float lifting lever.

USE: Compressed air and other non corrosive gases compatible with the construction.

AVAILABLE MODELS: FA45.3-4,5 , 10, 14, 21 and 32 – stainless steel.

SIZES: 11/2” to 2”; DN 40 to DN 50.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-1 PN 40.
Flanged ASME B16.5 Class 150 or 300.
Socket weld (SW) ASME B16.11.

INSTALLATION: Horizontal or vertical installation.

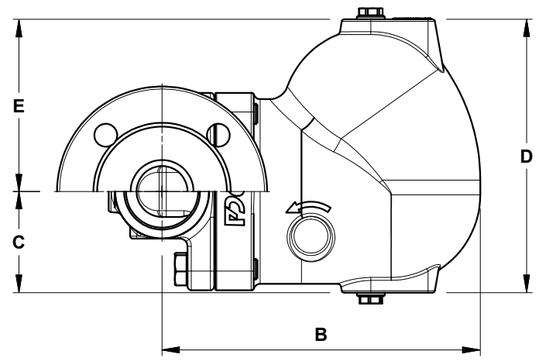
MAX. ΔP: FA45.3-4,5 – 4,5 bar
FA45.3-10 – 10 bar
FA45.3-14 – 14 bar
FA45.3-21 – 21 bar
FA45.3-32 – 32 bar

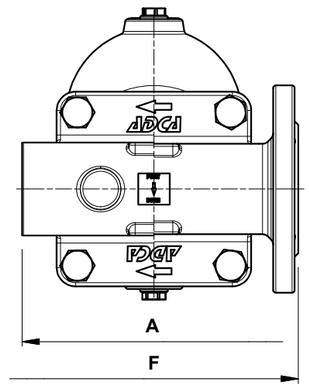
CE MARKING – GROUP 2 (PED – European Directive)		
CLASS 150	**PN 40**	**Category**
11/2” to 2” – DN 40 to 50	–	SEP
–	11/2” to 2” – DN 40 to 50	1 (CE marked)

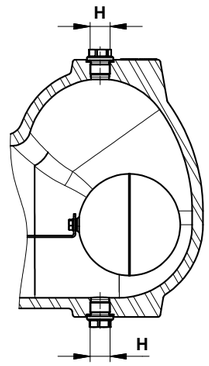
BODY LIMITING CONDITIONS		
FLANGED PN 40 / CLASS 300 *	**FLANGED CLASS 150 ****	**RELATED TEMP.**
ALLOWABLE PRESSURE	**ALLOWABLE PRESSURE**	
40 bar	16 bar	100 ºC
33,7 bar	13,6 bar	200 ºC
31,8 bar	12 bar	250 ºC
29,7 bar	10,2 bar	300 ºC

PMO – Max. operating pressure: 32 bar.
TMO – Max. operating temperature: 250 ºC.
Min. liquid specific weight: 0,75 kg/dm³.
* Acc. to EN 1092-1:2018; ** Acc. to EN 1759-1:2004.
Body limiting conditions PN 40 or below, depending on the type of connection adopted. Rating PN 40 for threaded, SW and BW versions.

FLOW RATE CAPACITY (kg/h)														
MODEL	**SIZE**	**DIFFERENTIAL PRESSURE (bar)**												
		0,5	**1**	**1,5**	**2**	**4,5**	**7**	**10**	**12**	**14**	**16**	**21**	**25**	**32**
FA45.3-4,5	**11/2” to 2” – DN 40 to 50**	995	1450	1710	2000	2990	–	–	–	–	–	–	–	–
FA45.3-10	**11/2” to 2” – DN 40 to 50**	505	720	850	1010	1600	1890	2300	–	–	–	–	–	–
FA45.3-14	**11/2” to 2” – DN 40 to 50**	370	520	610	735	1150	1430	1620	1750	1980	–	–	–	–
FA45.3-21	**11/2” to 2” – DN 40 to 50**	305	430	515	600	900	1160	1435	1590	1620	1760	1995	–	–
FA45.3-32	**11/2” to 2” – DN 40 to 50**	175	230	290	340	505	625	745	815	900	955	1125	1250	1480







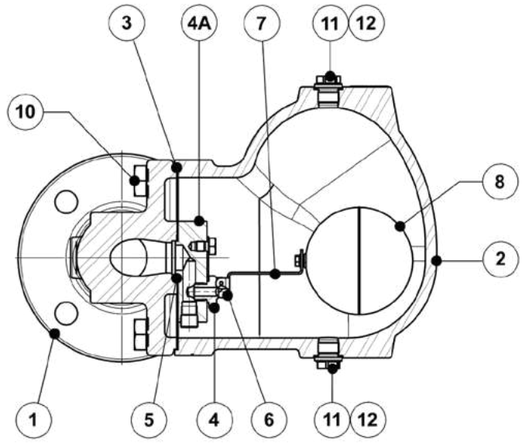
DIMENSIONS (mm)																
THREADED / SW								**PN 40**			**CLASS 150**			**CLASS 300**		
SIZE	**A**	**B**	**C**	**D**	**E**	**H ***	**WGT. (kg)**	**F**	**B**	**WGT. (kg)**	**F**	**B**	**WGT. (kg)**	**F**	**B**	**WGT. (kg)**
11/2" – DN 40	210	250	80	215	136	3/8”	18,9	230	250	21,7	230	250	20,2	230	250	21,5
2” – DN 50	210	250	80	215	136	3/8”	18,2	230	250	23,6	230	250	21,5	230	250	23,2

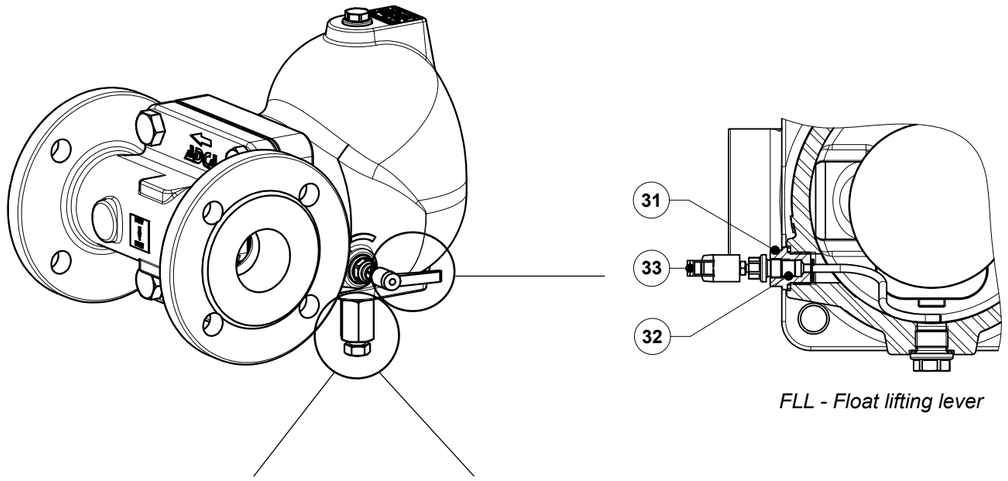
* As standard, in versions with EN flanges and female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges, female NPT threads or SW, these connections are female threaded NPT.

VALSTEAM ADCA
We reserve the right to change the design and material of this product without notice.
IS FA453.040 E 01.21

MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body	A351 CF8M / 1.4408
2	Cover	A351 CF8M / 1.4408
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 410 / 1.4006
4A	Mounting plate	AISI 316 / 1.4401
5	* Gasket	Graphite
6	* Valve ball	AISI 440C / 1.4125
7	* Lever	AISI 304 / 1.4301
8	* Float	AISI 304 / 1.4301
10	Bolts	Stainless steel A2-70
11	Plug	AISI 316L / 1.4404
12	** Gasket	Copper; AISI 304 / 1.4301
31	Lever mechanism	AISI 303 / 1.4305 ; AISI 304 / 1.4301; AISI 316L / 1.4404
32	Packing	Graphite
33	Lever	Plastic
51	Blowdown valve	AISI 303 / 1.4305; AISI 316L / 1.4404
61	Anti-freeze device	AISI 303 / 1.4305; AISI 316L / 1.4404

* Available spare parts; ** Not applicable in NPT version.



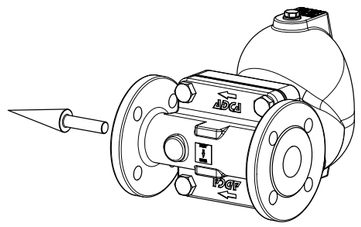


FLL - Float lifting lever

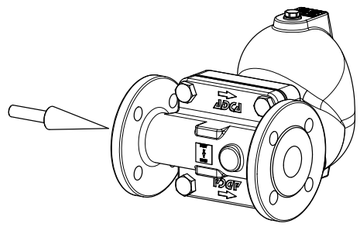
BDV - Blowdown valve (Manual)

AFZ - Anti-freeze device (Automatic)

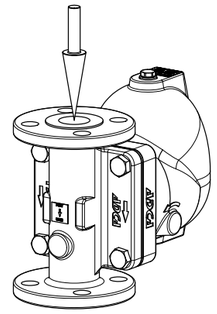
FLOW DIRECTION



R - Horizontal from right to left



L - Horizontal from left to right



V - Vertical from top to bottom

ORDERING CODES FA45.3								
Model	**FA453**	**2**	**M**	**XX**	**X**	**IR**	**A**	**40**
FA45.3 – A351 CF8M / 1.4408 stainless steel	**FA453**							
Differential pressure								
4,5 bar		**2**						
10 bar		**3**						
14 bar		**4**						
21 bar		**5**						
32 bar		**7**						
Valve sealing								
Metal to metal			**M**					
Cover connections								
None				**XX**				
3/8” threaded connections on top and bottom, closed with plugs (mandatory if any options are considered)				**10**				
Options								
BDV and AFZ have specific separated ordering codes, please refer to the appropriate documentation.								
FLL - Float lifting lever								
None					**X**			
Lifting lever on the right side (when facing the steam trap body)					**R**			
Lifting lever on the left side (when facing the steam trap body)					**L**			
Flow direction								
Horizontal from right to left – standard						**IR**		
Horizontal from left to right						**IL**		
Vertical from top to bottom						**IT**		
Pipe connections								
Female threaded ISO 7 Rp							**A**	
Female threaded NPT							**C**	
Socket weld (SW) ASME B16.11							**H**	
Flanged EN 1092-1 PN 40							**N**	
Flanged ASME B16.5 Class 150							**U**	
Flanged ASME B16.5 Class 300							**V**	
Size								
11/2” or DN 40								**40**
2” or DN 50								**50**
Special valves / Extras								
Full description or additional codes have to be added in case of a non-standard combination								**E**

We reserve the right to change the design and material of this product without notice.

IS FA453.040 E 01.21

COMPRESSED AIR AUTOMATIC DRAIN VALVES
CAD

DESCRIPTION

The CAD compressed air automatic drain valve consists of a solid-state timer coupled to a solenoid valve.
It is especially designed for automatic drainage of filters, separators, aftercoolers, dryers, receivers, drip legs and other compressed air system components where condensate and contaminants may collect.
The drainage interval and discharge time can be adjusted according to the requirements.

MAIN FEATURES

Easy to read and set time for on/off periods.
Adjustable interval and discharge times.
Manual test button.
Simple to install.

OPTIONS: Stainless steel valve body.

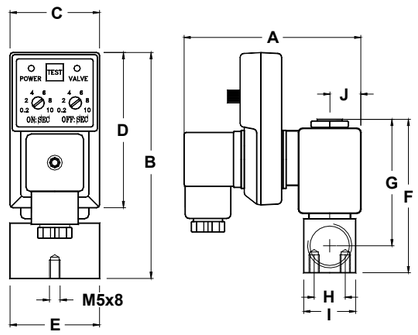
USE: Compressed air, oil, gases and liquids compatible with the materials of construction.

AVAILABLE MODELS: CAD.

SIZES: 3/8" and 1/2".

CONNECTIONS: Female threaded ISO 7 Rp.

INSTALLATION: In any position.



DIMENSIONS (mm)										
SIZE	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**WEIGHT (kg)**
3/8"	90	112	42	75	46	75	63	15	20	0,4
1/2"	90	112	42	75	40	75	63	15	20	0,4

TECHNICAL DATA

TIMER	
Supply voltage	215 to 265 V AC (24 V DC on request)
IP rating	IP 65
Material	Housing in PC/ABS
Ambient temperature	-40 to +60 °C
Interval time	0,5 to 45 minutes
Discharge time	0,5 to 10 seconds
Connections	DIN 43650A ISO 4400/6952

VALVE	
Type	2/2 way direct acting
Max. operating pressure	16 bar (40 or 80 bar on request)
Max. operating temperature	90 ºC
Ambient temperature	2 to 55 °C
Material	Forged brass
Orifice	Ø 4,5 mm
Insulation	Thermal group H (200 ºC)