

UKL BALL FLOAT TYPE STEAM TRAP

The enthalpy in the steam basically has two components: The Latent heat and the Sensible heat. Whereas condensate has only sensible heat. This condensate has to be removed as soon as it is formed, because it hinders to efficient heat transfer as well as leads to water hammer phenomenon as it is hot water (having more Specific Gravity) that moves with high velocity of steam (8 to 10 times higher than water), carrying enough momentum to rupture pipes and which is damaging to the plant pipelines as well as piping equipments. Hence, need to remove condensate from steam main and trap steam. This is done by steam trap.

UKL Ball Float Trap discharge condensate near to steam saturation temperature, which works on the principle of Buoyancy, [density difference of Water and Steam]. The rising condensate level elevates the Float open the valve and discharges the condensate. When the level of condensate drops, the float falls down and the valve close the trap.

It is commonly used for most process heating applications. Wherever steam is used for indirect heating application, the trap to be used must be of mechanical design. It is a continuous discharge type steam trap. This trap can handle very high condensate loads and the discharge will be proportional to the differential pressure across the trap. There may be other similar process applications where the heat load is small and a mechanical trap can handle small as well as fluctuating loads.

This trap is provided with two optional features called Steam Lock release (SLR) and Thermostatic Vent (TV). The SLR is a manual operation to release steam that may hamper free movement of the float on water level. The TV will ensure that air and such un dissolved gases will be automatically vented out when present in condensate.

MATERIAL OF CONSTRUCTION:

CAST IRON MODEL UFT 14- CI – IS 210 FG260 CAST CARBON STEEL MODEL UFT 20- CS- ASTM A216 Gr. WCB

SIZES AVAILABLE:-

UFT 14 Model: 15 NB, 20 NB and 25 NB UFT 20 Model: 15 NB, 20 NB and 25 NB



END CONNECTIONS: UFT-14 CAST IRON MODEL

Threaded to NPT, BSP and BSPT.

UFT-20 CAST CARBON STEEL MODEL:-

Threaded to NPT, BSP and BSPT. Socket Weld to ASME B 16.11 Flanged - #150/#300/#600

INSTALLATION:-

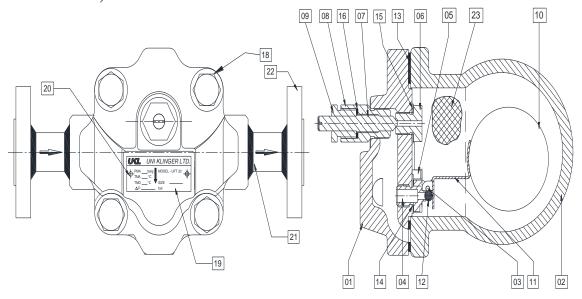
Horizontal/Vertical position.

OPTIONAL:-

IBR/Non-IBR With Thermostatic Air vent Inbuilt Strainer

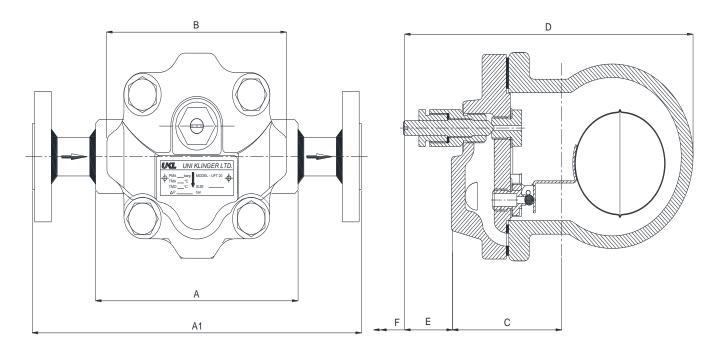


Ball Float Steam Trap UFT-14/20 Size 15, 20 & 25 NB



		UFT 20 Cas	t Steel Model	UFT 14 Cast	Iron Model
No.	PART NAME	MATERIAL	MATERIAL CODE	MATERIAL	MATERIAL CODE
01	Body	Cast Steel	ASTM A 216 Gr WCB	Cast Iron	IS 210 FG 260
02	Cover	Cast Steel	ASTM A 216 Gr WCB	Cast Iron	IS 210 FG 260
03	Pivot Pin	Stainless Steel	AISI 304	Stainless Steel	AISI 304
04	Valve Seat	Stainless Steel	AISI 304	Stainless Steel	AISI 304
05	Pivot Bracket	Stainless Steel	AISI 304	Stainless Steel	AISI 304
06	SLR Valve Seat	Stainless Steel	AISI 304	Stainless Steel	AISI 304
07	Stem	Stainless Steel	AISI 304	Stainless Steel	AISI 304
08	Stem Guide	Stainless Steel	AISI 304	Stainless Steel	AISI 304
09	Stem Guide Lock Nut	Stainless Steel	AISI 304	Stainless Steel	AISI 304
10#	Float	Stainless Steel	AISI 304	Stainless Steel	AISI 304
11	Lever	Stainless Steel	AISI 304	Stainless Steel	AISI 304
12	Steel Ball	Stainless Steel	SS 440C	Stainless Steel	SS 440C
13#	Cover Gasket	CAF/ Non CAF	CAF	CAF	CAF
14	Valve Seat Gasket	Stainless Steel	AISI 304	Stainless Steel	AISI 304
15#	SLR Valve Seat Gasket	Stainless Steel	AISI 304	Stainless Steel	AISI 304
16	SLR Stem Gasket	Graphite	Graphite	Graphite	Graphite
17	Screws	Stainless Steel	AISI 304	Stainless Steel	AISI 304
18	Cover Bolt (M10)	Carbon Steel	Gr. 8.8	Carbon Steel	Gr. 8.8
19	Name Plate	Stainless Steel	AISI 304	Stainless Steel	AISI 304
20	Rivets	Alluminium		Alluminium	
21	Pipe	Carbon Steel	ASTM A 106 Gr B	Carbon Steel	ASTM A 106 Gr B
22	Flanges- SWRF	Carbon Steel	ASTM A 105	Carbon Steel	ASTM A 105
*23	Strainer (Optional)	Stainless Steel	AISI 304	Stainless Steel	AISI 304
AVAIL	ABLE AS SPARES				

Ball Float Steam Trap UFT-14/20 Size 15, 20 & 25 NB



Screwed / Socket Weld End Connections								
Size	Diff Pressure	A	В	С	D	Е	F	Weight (kg)
15 NB	4.5/10/14/	128	111	68	179	30	110	3.8
20 NB	21/32 bar	128	111	68	179	30	110	3.8
25 NB		153	111	75	202	30	130	5.3

Flanged End C					
Size	#1	150	#300		
Size	A1	A1 Weight(kg)		Weight(kg)	
15 NB	278	4.5	278	5.1	
20 NB	278	5.1	278	6.1	
25 NB	303	7.0	303	8.0	

Installation:

The trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically. Hence the arrow on the name plate must point downwards.

Traps will be generally supplied in horizontal connections with flow from left to right outlet (L-R) & horizontal connections with flow R-L (rotating cover 180° w.r.t L-R) or vertical connections with top inlet and bottom outlet (rotating cover 90° w.r.t L-R) if specified.

The connection orientation can be changed from L-R and R-L in horizontal connections on site itself only by undoing 4 bolts and rotating the cover to required direction and then assembling.

The SLR has to be opened at the time of start up to avoid steam locking of the trap.

STORAGE

UNI KLINGER UFT and the respective spares should be stored only in enclosed dry rooms in a non-aggressive atmosphere. Fully assembled Ball Float Traps must be stored as supplied by UNI KLINGER. Spare parts must be handled with care and should be stored in their original packing.



Ball Float Steam Trap UFT-14/20 Size 15, 20 & 25 NB

Model	Max Diff. Pressure	PMO (Bar)	Sat. Temp ⁰ C
UFT 14-4.5	4.5 Bar	14	193
UFT 14-10	10 Bar	14	193
UFT 14-14	14 Bar	14	193
UFT 20-4.5	4.5 Bar	32	237
UFT 20-10	10 Bar	32	237
UFT 20-14	14 Bar	32	237
UFT 20-21	21 Bar	32	237
UFT 20-32	32 Bar	32	237

For referring the capacity charts, please note following:

- Select the model of UFT based on P/T range and MOC
- Select flow capacity on Y axis of the chart for selected model
- Work out actual differential pressure across the UFT.
- Consider all possible pressure losses in the lines.
- Select differential pressure on X axis.
- Move horizontally on Y axis & vertically on X axis.
- The point of cross section will give you the trap size required.

1500 1000 800 700 600 500 400 (kg/h) Condensate Capacity 80 70 60 50 40 30 0.3 0.40.5 0.7 30 40 20

Differential Pressure bar (x 100 = kPa)

Capacity Chart: For UFT 15, 20 & 25 NB CI/CS Traps

MOST IMPORTANT:-

Before doing any maintenance on the trap it is necessary to isolate both supply and return lines and any pressure to normalize to atmosphere pressure by opening SLR. Allow the trap to cool before doing any maintenance and clean all sealing faces before assembling it.

How to order and Specify:

15 NB UKL UFT 14- 4.5 Bar, TV, Float Trap, Threaded BSP

Always order spares by stating the type and differential pressure, specify-

EXAMPLE:-

Controller Assembly- valve seat for 15 NB UFT14-4.5 Bar

SPARES AVAILABLE:

SLR Assembly Float Main controller assembly Cover Gasket Strainer

Other Products:



Cast / Forged Steel Piston Valves, Bellow seal valves, High Pressure valves (Gate/Globe), Strainers – "Y" Type, ITVS Steam Traps (Thermodynamic, Thermostatic, Ball Float Traps and IBT), Pressure Reducing Station, Condensate Recovery Products. Level Gauges (Reflex, Transparent, Bicolor), Sight Glass, Hot Water Generation System, Safety and Relief Valves. FSD Products: Compressed Asbestos / Non Asbestos Fiber Sheeting / Cut Gaskets, Spiral Wound Gaskets.

In view of technical progress designs and dimensions are subject to change without notice.



UNI KLINGER LIMITED

A joint venture of the Neterwala group of companies and KLINGER AG. Switzerland





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MATERIAL OF CONSTRUCTION:

CAST IRON MODEL

UFT 14- CI - IS 210 FG260 CAST CARBON STEEL MODEL UFT 20- CS- ASTM A216 Gr. WCB

SIZES AVAILABLE:-

UFT 14 Model: 40 NB and 50 NB UFT 20 Model: 40 NB and 50 NB

END CONNECTIONS:

UFT-14 CAST IRON MODEL Threaded to NPT, BSP and BSPT.

UFT-20 CAST CARBON STEEL MODEL:-

Threaded to NPT, BSP and BSPT. Socket Weld to ASME B 16.11 Flanged - #150/#300/#600

INSTALLATION:-

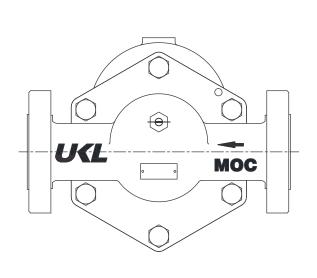
Horizontal position.

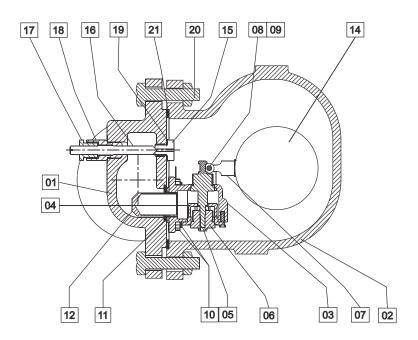
OPTIONAL:-

UFT-14 Available in Non-IBR UFT-20 Available in IBR/Non-IBR Thermostatic Air vent



Ball Float Steam Trap UFT 40 & 50 NB

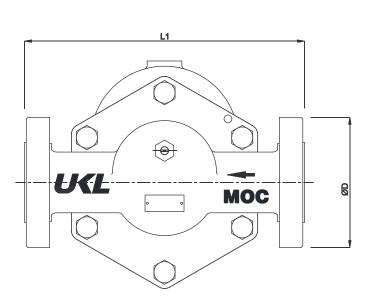


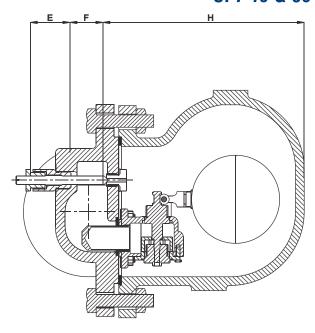


	UFT 14 Cast Iron Model		st Iron Model	UFT 20 Cast Steel Model		
No.	PART NAME	MATERIAL	MATERIAL CODE	MATERIAL	MATERIAL CODE	
1	Body	Cast Iron	IS 210 FG 260	Cast Steel	ASTM A 216 Gr WCB	
2	Cover	Cast Iron	IS 210 FG 260	Cast Steel	ASTM A 216 Gr WCB	
3	Controller Housing	Stainless Steel	ASTM A 743 Gr CA 40	Stainless Steel	ASTM A 743 Gr CA 40	
4	Valve Seat	Stainless Steel	ASTM A 743 Gr CA 40	Stainless Steel	ASTM A 743 Gr CA 40	
5	Stem	Stainless Steel	ASTM A 743 Gr CA 40	Stainless Steel	ASTM A 743 Gr CA 40	
6	Lower Valve	Stainless Steel	ASTM A 743 Gr CA 40	Stainless Steel	ASTM A 743 Gr CA 40	
7	Lever	Stainless Steel	ASTM A 743 Gr CA 40	Stainless Steel	ASTM A 743 Gr CA 40	
8	Pivot Pin	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
9	Split Pin	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
10	Stud & Nut	Carbon Steel	Gr 8.8 / 8	Carbon Steel	Gr 8.8 / 8	
11	C. H. Gasket	Graphite	Graphite	Graphite	Graphite	
12	Errosion Deflector	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
13	Baffle Plate	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
14	Float	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
15	SLR Valve Seat	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
16	SLR Stem	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
17	Stem Guide	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
18	Stem Guide Lock Nut	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
19	SLR Valve Seat Gasket	Stainless Steel	AISI 304	Stainless Steel	AISI 304	
20	Bolts & Nut	Carbon Steel	Gr 8.8 / 8	Carbon Steel	Gr 8.8 / 8	
21	Cover Gasket	CAF	CAF	CAF	CAF	



Ball Float Steam Trap **UFT 40 & 50 NB**





DIMENSIONS (mm)

SOCKET WELD / Screwed End Connections:						
Size	Overall Length	Н	Е	F	ØD	Weight (kg)
40 NB	299.00	255.00	45.00	34.00	48.80	22.000
50 NB	321.00	255.00	45.00	36.00	61.70	27.400

Flanged End Connections #150						
Size	L1	Н	Ε	F	ØD	Weight(kg)
40 NB	299.00	255.00	45.00	34.00	125.00	26.0
50 NB	321.00	255.00	45.00	36.00	150.00	33.0

Flanged End Connections #300						
Size	L1	Н	Ε	F	ØD	Weight(kg)
40 NB	299.00	255.00	45.00	34.00	125.00	28.0
50 NB	321.00	255.00	45.00	36.00	150.00	35.0

INSTALLATION:-

The trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically. Hence the arrow on the name plate must point downwards.

Traps will be generally supplied in horizontal connections with flow from right to left outlet (R-L) horizontal connections.

The SLR has to be opened at the time of start up to avoid steam locking of the trap.

STORAGE

UNI KLINGER UFT and the respective spares should be stored only in enclosed dry rooms in a non-aggressive atmosphere. Fully assembled Ball Float Traps must be stored as supplied by UNI KLINGER. Spare parts must be handled with care and should be stored in their original packing



Ball Float Steam Trap UFT 40 & 50 NB

OPERATING CONDITIONS

Model	Max Diff. Pressure	PMO (Bar)	Sat. Temp ^o C
UFT 14-4.5	4.5 Bar	14	193
UFT 14-10	10 Bar	14	193
UFT-14-14	14 Bar	14	193
UFT 20-4.5	4.5 Bar	32	237
UFT 20-10	10 Bar	32	237
UFT 20-21	21 Bar	32	237
UFT 20-32	32 Bar	32	237
UFT 20-14	14 Bar	32	237

For referring the capacity charts, please note following:

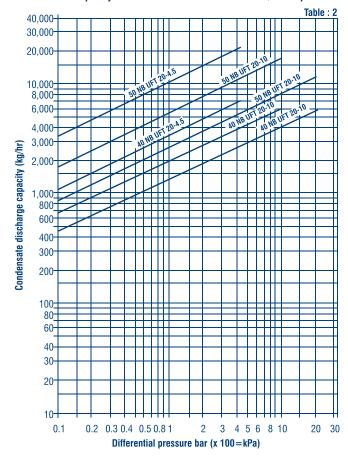
- Select the model of UFT based on P/T range and MOC
- Select flow capacity on Y axis of the chart for selected model.
- Work out actual differential pressure across the UFT.
- Consider all possible pressure losses in the lines.
- Select differential pressure on X axis.
- Move horizontally on Yaxis & vertically on Xaxis.
- The point of cross section will give you the trap size required.

How to order and Specify:

40 NB UKL UFT 14-4.5 Bar, TV, Float Trap, SW End

Always order spares by stating the type and differential pressure, specify-Controller Assembly- valve seat for 40 NB UFT14-4.5 Bar

Capacity Chart: For UFT 40 & 50 NB UFT CI/CS Traps



SPARES AVAILABLE:

SLR Assembly Float Main controller assembly Cover Gasket

Other Products:



Cast/Forged Steel Piston Valves, Bellow seal valves, High Pressure valves (Gate/Globe), Strainers—"Y" Type, ITVS
Steam Traps (Thermodynamic, Thermostatic, Ball Float Traps and IBT), Pressure Reducing Station, Condensate Recovery Products.
Level Gauges (Reflex, Transparent, Bicolor), Sight Glass, Hot Water Generation System, Safety and Relief Valves.

FSD Products: Compressed Asbestos / Non Asbestos Fiber Sheeting / Cut Gaskets, Spiral Wound Gaskets / Gland Packing

In view of technical progress designs and dimensions are subject to change without notice.



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This trap is provided with Bimetallic Vent (TV). The TV will ensure that air and such un dissolved gases will be automatically vented out when present in condensate.

MATERIAL OF CONSTRUCTION:

ASTM A105

SIZES AVAILABLE:-

15 NB, 20 NB, 25 NB, 40 NB SOCKET WELD END / FLANGED END #600 / #900



END CONNECTIONS:

Socket Weld to ASME B 16.11 Flanged End - #600 / #900 to ASME B 16.5

INSTALLATION :-

Horizontal Position

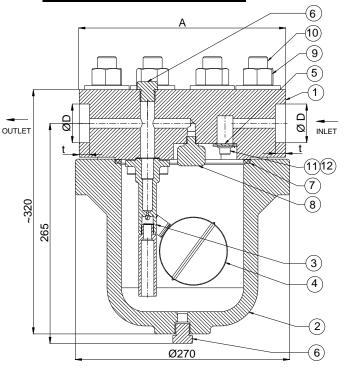
OPTIONAL:-

IBR/Non-IBR With Bimetallic Air vent Inbuilt Strainer

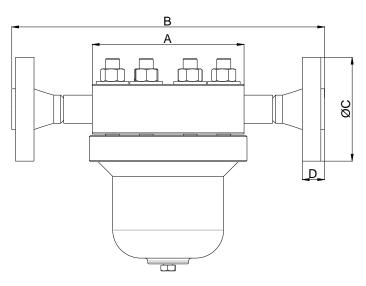




GENERAL ARRANGMENT:



	BILL OF MATERIAL OF UFT-100					
No.	PART NAME	MATERIAL CODE				
01	Body	ASTM A 105				
02	Cover	ASTM A 105				
03	Controller Assembly	AISI 316				
04	Float Assembly	AISI 316				
05	Strainer	AISI 304				
06	NPT End Plug	ASTM A 105				
07	Cover Gasket	CAF/ NON CAF/SPW				
08	Bimetallic Air Vent					
09	Hex Nut	ASTM A194 Gr 2H				
10	Stud	ASTM A193 Gr. B7				
11	Washer	AISI 304				
12	Hex Bolt	Gr. 8.8/10.9/ Equivalent or higher grade				



RECOMMENDED TIGHTENING TORQUES					
Sr.	PART NAME TORQUE Nm				
2	STUD	80-100			
4	NUT	210-240			

GENERAL DIMENSIONS							
SC	SOCKET END (ASME B16.11 #9000)						
SIZE	ØD (mm)	t (mm)	A (mm)				
15 NB	21.8	10.0	260				
20 NB	27.2	13.0	260				
25 NB	33.9	13.0	260				
40 NB	48.8	13.0	260				
FL	FLANGED END (ASME B16.5 #900)						
SIZE	В	ØС	D				
15 NB	505	120	29.3				
20 NB	525	130	32.4				
25 NB	530	150	35.6				
40 NB	550	180	38.8				
FL	FLANGED END (ASME B16.5 #600)						
15 NB	490	95	21.3				
20 NB	500	115	22.9				
25 NB	505	125	24.5				
40 NB	525	155	29.3				



OPERATING CONDITIONS:-

DESIGN CONDITIONS								
1	Max Allowable Pressure	153.2 Bar (g) [156.3 Kg/cm2 (g)] @ 38 °C						
2	Max Allowable Temperature	425 °C @ 86.3 Bar (g) [88.0 Kg/cm2 (g)]						
OPERATING CONDITIONS FOR SW & FE #900								
1	Max Working Pressure	100 Bar (g) [102.0 Kg/cm2] @ 312 °C						
2	Max Working Temperature	425 °C @ 86.3 Bar (g) [88.0 Kg/cm2 (g)]						
3	COLD HYDRO TEST PRESSURE							
	150 Bar (g) [153 Kg/cm2 (g)] Without Internals							
	OPERATING CONDITIONS FOR FE #600							
1	Max Working Pressure	80 Bar (g) [81.6 Kg/cm2] @ 295 °C						
2	Max Working Temperature	425 °C @ 57.5 Bar (g) [58.6 Kg/cm2 (g)]						
3	COLD HYDRO TEST PRESSURE							
	120 Bar (g) [123 Kg/cm2 (g)] Without Internals							

Installation:

The trap must be fitted with horizontal plane so that it rises and falls vertically and condensate flow corresponds with arrows on the name plate

If necessary, give support to float trap in the pipeline Use M12 of tapping given on outer body for lifting the product.

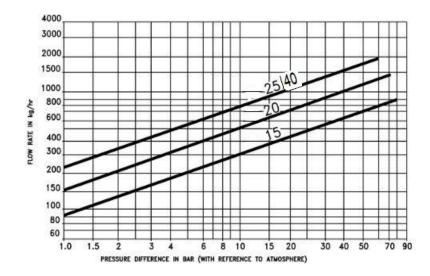
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SPARES AVAILABLE:

Controller Assembly Float Bimetallic Air Vent Cover Gasket Strainer

CAPACITY CHART:



Other Products:



Cast / Forged Steel Piston Valves, Bellow seal valves, High Pressure valves (Gate/Globe), Strainers – "Y" Type, ITVS Steam Traps (Thermodynamic, Thermostatic, Ball Float Traps and IBT), Pressure Reducing Station, Condensate Recovery Products. Level Gauges (Reflex, Transparent, Bicolor), Sight Glass, Hot Water Generation System, Safety and Relief Valves.

FSD Products: Compressed Asbestos / Non Asbestos Fiber Sheeting / Cut Gaskets, Spiral Wound Gaskets.

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Trap is provided with a Automatic Thermostatic Vent (ATV) by default. This Thermostatic vent will ensure that air and other non-condensable gases will be automatically vented out when present in condensate. This phenomenon helps for the free movement of the float on water level and smooth operation of the Ball Float Trap.



MATERIAL OF CONSTRUCTION:

Cast Carbon Steel:- ASTMA216 GR.WCB

Sizes Available: - 80 NB and 100 NB

END CONNECTION:

Flanged - #150 and #300 As per ASME B16.5

INSTALLATION: - Horizontal position.

OPERATING CONDITIONS:-

Max Operating Pressure :- 32 Kg/cm²
Max Operating Temperature :- 425 °C

OPTIONAL:-

IBR/Non-IBR Flanged End #150/#300 Butt Weld end (On request) Available Diff. Pressure (Kg/cm²) 4.5/10/14/21/32

INSTALLATION: - Horizontal position.

OPERATING CONDITIONS:-

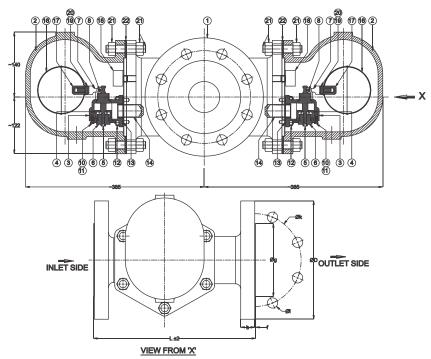
Max Operating Pressure :- 32 Kg/cm²
Max Operating Temperature :- 425 °C

OPTIONAL:-

IBR/Non-IBR Flanged End #150/#300 Butt Weld end (On request) Available Diff. Pressure (Kg/cm²) 4.5/10/14/21/32



Ball Float Steam Trap [High Capacity] UFT-20 80 NB & 100 NB



Sr. No.	Size	Class	L 02	ØD	b	Øg	f	Øk	Øi	Holes, N
1	80	#150	334.00	190.00	22.30	127.00	2.00	152.40	19.05	4
2	100	#150	334.00	230.00	22.30	157.20	2.00	190.50	19.05	8
3	80	#300	343.00	210.00	27.00	127.00	2.00	168.30	22.22	8
4	100	#300	350.00	255.00	30.20	157.20	2.00	200.00	22.22	8

BILL OF MATERIAL:

PART NO.	PART NAME	MATERIAL	MATERIAL CODE		
1	BODY	CAST STEEL	ASTM A 216 Gr. WCB		
2	COVER	CAST STEEL	ASTM A 216 Gr. WCB		
3	CONTROLLER HOUSING	STAINLESS STEEL	ASTM A 743 Gr CA 40		
4	VALVE SEAT	STAINLESS STEEL	ASTM A 743 Gr CA 40		
5	STEM	STAINLESS STEEL	ASTM A 743 Gr CA 40		
6	LOWER VALVE	STAINLESS STEEL	ASTM A 743 Gr CA 40		
7	LEVER	STAINLESS STEEL	ASTM A 743 Gr CA 40		
8	PIVOT PIN	STAINLESS STEEL	AISI 304		
9 *	SPLIT PIN	STAINLESS STEEL	AISI 304		
10	HEX BOLT	STAINLESS STEEL	AISI 304		
11	WASHER	STAINLESS STEEL	AISI 304		
12	STUD & NUT	CARBON STEEL	Gr. 8.8 / 8		
13	CONTROLLER HOUSING GASKET	GRAPHITE	GRAPHITE		
14	ERROSSION DEFLECTOR	STAINLESS STEEL	AISI 304		
15 *	BAFFLE PLATE	STAINLESS STEEL	AISI 304		
16	FLOAT	STAINLESS STEEL	AISI 304		
17	SOCKET	STAINLESS STEEL	AISI 304		
18	THERMOSTATIC VENT	STAINLESS STEEL	AISI 304		
19	HEX BOLT	STAINLESS STEEL	AISI 304		
20	SPRING WASHER	STAINLESS STEEL	AISI 304		
21	STUD / BOLT & NUT	CARBON STEEL	Gr. 8.8 / 8		
22	COVER GASKET	NON CAF	NON CAF		
23 *	NAME PLATE	STAINLESS STEEL	AISI 304		



Flow Capacities:-

TRAP D.P.	FLOW CAPACITY AT OPERATING D.P. (Kg/hr.)							
(BAR)	0.5	1	2	3	4.5	7	10	13
4.5	15000	20000	30000	35000	43000			
10	8000	12000	18000	20000	25000	30000	38000	
14	4500	6000	8500	10000	13000	17000	18500	22000
Note : For Intermediate value of flow rate use linear interpolation.								

INSTALLATION:-

The trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically. Hence the arrow on the name plate must point downwards.

Traps will be generally supplied in horizontal connections with flow from right to left outlet (R-L) horizontal connections.

STORAGE

UNI KLINGER High Capacity Trap and the respective spares should be stored only in enclosed dry rooms in a non-aggressive atmosphere. Fully assembled Ball Float Traps must be stored as supplied by UNI KLINGER. Spare parts must be handled with care and should be stored in their original packing.

How to order and Specify:

80 NB UKL UFT 20-4.5 Bar, Float Trap, #150

Always order spares by stating the type and differential pressure, specify-

Controller Assembly-Valve Seat for 80 NB UFT 20-4.5 Bar

SPARES AVAILABLE:

Float

Main controller assembly

Cover Gasket



Product Range

UTD-55 | UTD-62 | UTD-120

Thermodynamic steam trap

UTST | UCT-10

Thermostatic steam trap & Sanitary steam trap

UFT-15 to 100 | UCA

Ball Float Trap for Steam and air application

UG 25/45 | UP64Ti | UP215Ti

Bi-metallic Steam Trap

UITVS

Compact Trap Valve Station

UIBT-28US

Inverted bucket Steam Trap in complete stainless steel construction

UIBT 1701 to 7004

Inverted bucket steam trap in cast/forged steel construction

UDCV

Wafer type disc check valve / NRV

UIVIS

Moisture separator for Steam & Air

UAV

Thermostatic air vent for steam with air bottle for properventing

UAE

Air eliminator for liquid application

UBSV

Bellow seal gate/globe valve

UPHV

High pressure (#1500/#2500) gate/globe valve

USTR

Y & T type strainers in cast carbon steel and stainless steel

USG

Double window sight glass

USI

Steam injector for boiler feed water tank

UFV

Condensate flash vessel

UPPPU

Condensate pressure powered pump unit

UDH

Atmospheric de-aerator head for boiler feedwater tank

UAPT

Automatic pumping trap — Combination of a conventional trap & pump for proper condensate discharge for varied applications

UCCDS

Online (24x7) condensate contamination detection system

UBBHRS

Boiler blowdown heat recovery system

UHWGS

Instant Hot water generator system

UPRS / UPRDS

Pressure reducing system & de-superheating system

UCCM / USDM

Steam / Condensate manifolds

Other Products:



Cast / Forged Steel Piston Valves, Bellow seal valves, High Pressure valves (Gate/Globe), Strainers—"Y" Type, ITVS
Steam Traps (Thermodynamic, Thermostatic, Ball Float Traps and IBT), Pressure Reducing Station, Condensate Recovery Products.
Level Gauges (Reflex, Transparent, Bicolor), Sight Glass, Hot Water Generation System, Safety and Relief Valves.

FSD Products: Compressed Asbestos / Non Asbestos Fiber Sheeting / Cut Gaskets, Spiral Wound Gaskets / Gland Packing

In view of technical progress designs and dimensions are subject to change without notice.



UNI KLINGER LIMITED

A joint venture of the Neterwala group of companies and KLINGER AG. Switzerland.





HARSH ENGINEERING SALES & SERVICE PVT. LTD

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