DOUGLAS ITALIA

SINCERT

BALL FLOAT STEAM TRAPS

- GP
- GR
- GS
- GA WCB
- GA CF8M
- GB WCB
- GB CF8M
- GC WCB
- GC CF8M
- GD WCB
- GD CF8M
- GE WCB
- GE CF8M
- GE HC WCB
- GE HC CF8M

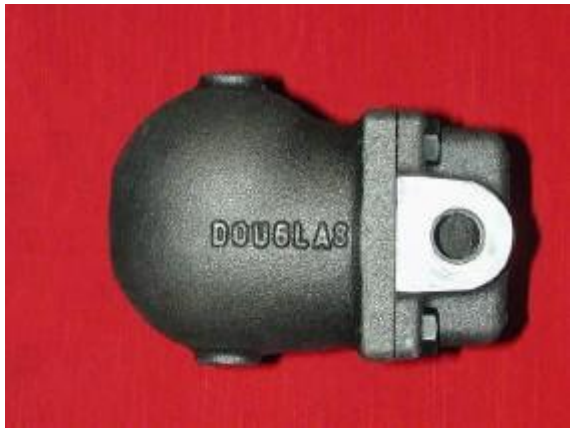
GO BACK

DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS
GP

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.



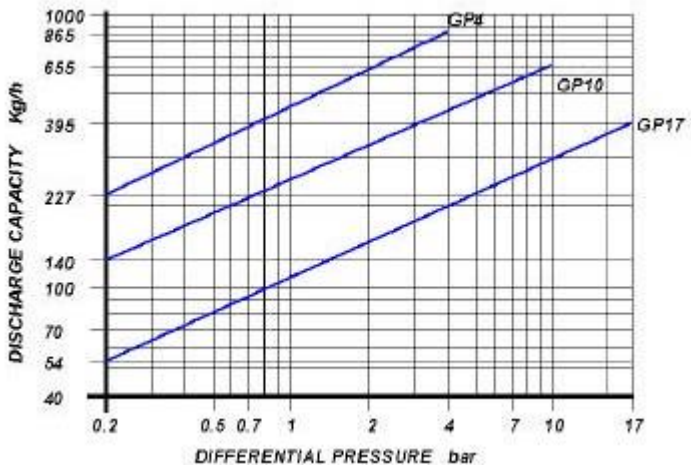
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 – 1.5

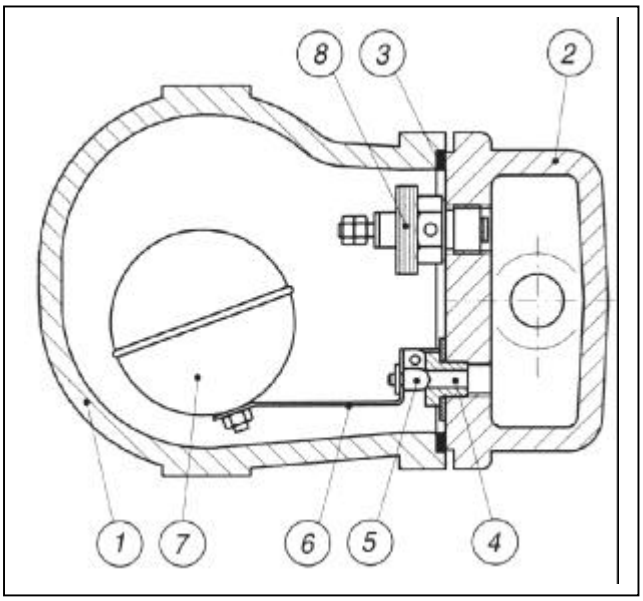
SIZES
½" – ¾"

CONNECTIONS	
Screwed	BS 21 (BSP))
Flanged (ON REQUEST)	ANSI B 16.5 / UNI / DIN

LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	DIN PN 25
PMA: Max allowable pressure	25 bar
TMA: max allowable temperature	300°C
PMO: max working pressure	17 bar
TMO: max working temperature	250°C
Max. Differential pressure (GP 4)	4 bar
Max. Differential pressure (GP 10)	10 bar
Max. Differential pressure (GP 17)	17 bar

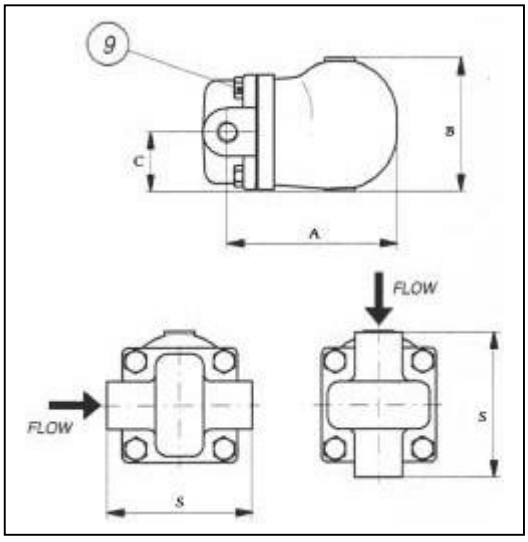
BALL FLOAT STEAM TRAPS

GP



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	GGG40 (DIN 1693)	
2	Cover	GGG40 (DIN 1693)	
3	Gasket	CAF	X
4	Seat	AISI 410	X
5	Valve	AISI 410	X
6	Lever	AISI 304	X
7	Ball float	AISI 304	X
8	Air vent	STAINLESS STEAL	X
9	Bolts	8.8 (UNI 3740-74)	

Size (inches)	S	A	B	C	Weight (Kg)
½"	120	141	110	49	4.8
¾"	120	141	110	49	4.8



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6), if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GP 10 ½" BSP*

DOUGLAS ITALIA S.p.A ***Località Pradaglie – 29013 CARPANETO PIACENTINO (PC)***

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS
GR

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

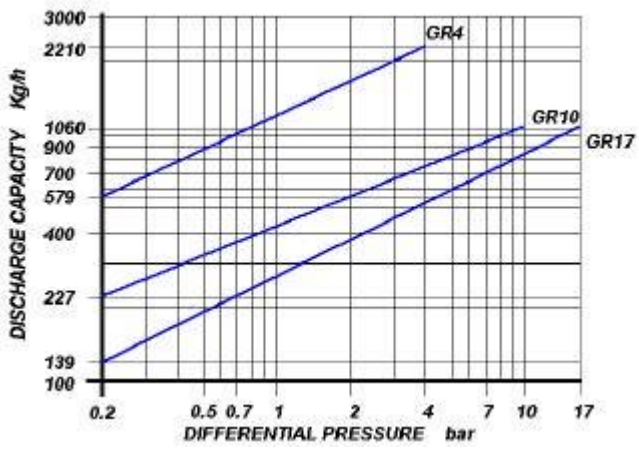
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



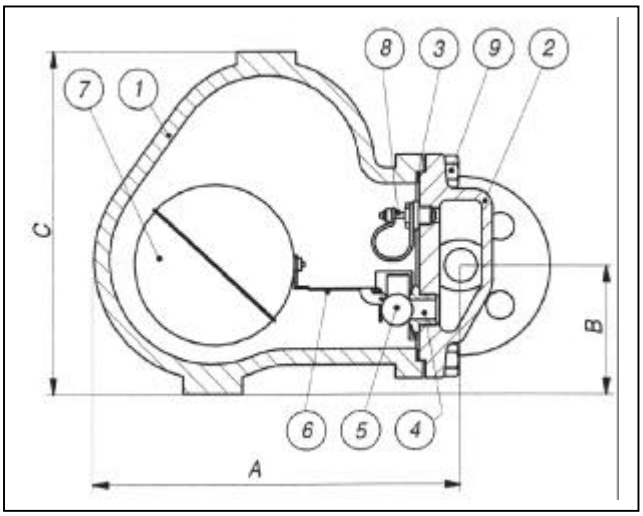
Cold water capacities are 2 to 4 times greater than the above . Safety factor = 1.2 – 1.5

SIZES
1”

CONNECTIONS	
Screwed	*BS 21 (BSP))*
Flanged	*ANSI 150# / 300# / UNI / DIN*

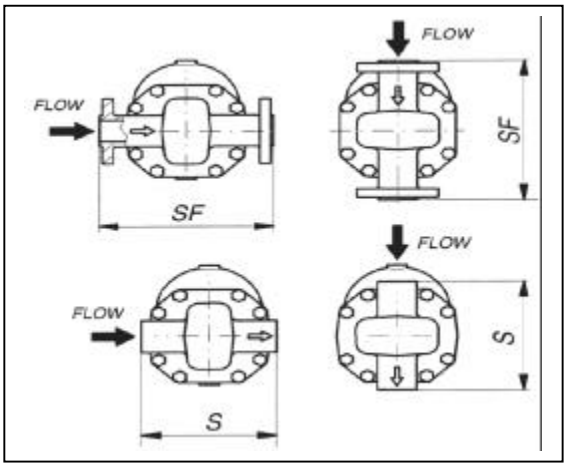
LIMITING CONDITIONS (according to ISO 6552)		
Steam Trap rating		*DIN PN 25*
PMA: Max allowable pressure		*25 bar*
TMA: max allowable temperature		*300°C*
PMO: max working pressure		*17 bar*
TMO: max working temperature		*250°C*
Max. Differential pressure	*(GR 4)*	*4 bar*
Max. Differential pressure	*(GR 10)*	*10 bar*
Max. Differential pressure	*(GR 17)*	*17 bar*

BALL FLOAT STEAM TRAPS
GR



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	GGG40 (DIN 1693)	
2	Cover	GGG40 (DIN 1693)	
3	Gasket	CAF	X
4	Seat	AISI 410	X
5	Valve	AISI 304	X
6	Lever	AISI 304	X
7	Ball float	AISI 304	X
8	Air vent	STAINLESS STEAL	X
9	Bolts	8.8 (UNI 3740-74)	

Flanged											
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#	
						SF	Kg	SF	Kg	SF	Kg
1”	165	238	81	218	13	215	16.5	210	16.5	214	16.7



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6), if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the “ as new from factory “ condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GR 17 1” 300 RF*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS
GS

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

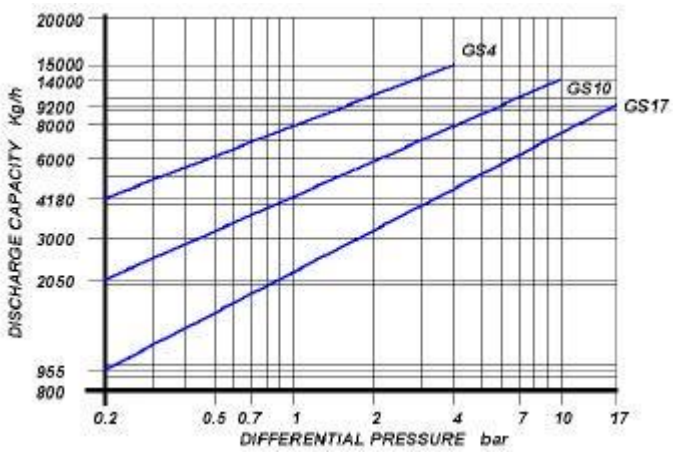
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



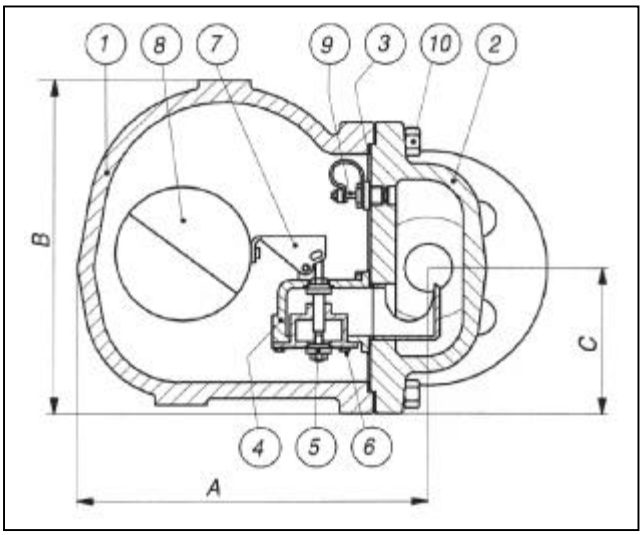
Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 – 1.5

SIZES
1½" – 2"

CONNECTIONS	
Screwed	BS 21 (BSP))
Flanged	ANSI 150# / 300# / UNI / DIN

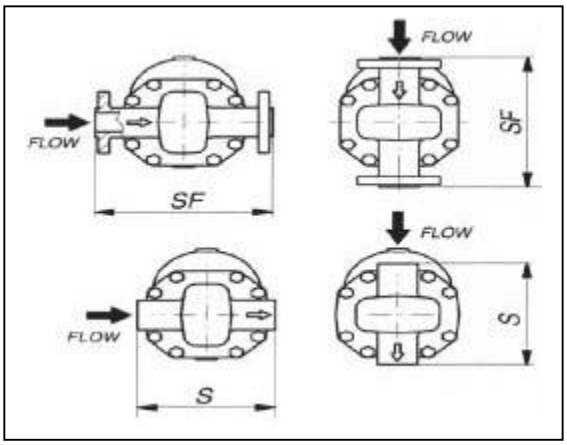
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	DIN PN 25
PMA: Max allowable pressure	25 bar
TMA: max allowable temperature	300°C
PMO: max working pressure	17 bar
TMO: max working temperature	250°C
Max. Differential pressure (GS 4)	4 bar
Max. Differential pressure (GS 10)	10 bar
Max. Differential pressure (GS 17)	17 bar

BALL FLOAT STEAM TRAPS
GS



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	GGG40 (DIN 1693)	
2	Cover	GGG40 (DIN 1693)	
3	Gasket	CAF	X
4	Seat	AISI 410	X
5	Valve	AISI 410	X
6	Screws	STAINLESS STEAL	X
7	Lever	AISI 304	X
8	Ball float	AISI 304	X
9	Air vent	STAINLESS STEAL	X
10	Bolts	8.8 (UNI 3740-74)	

Flanged											
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#	
						SF	Kg	SF	Kg	SF	Kg
1½"	260	258	250	109	34	320	37	320	37	320	39
2"	260	258	250	109	34	320	38	320	38	320	40



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),(7), if necessary also a ball float (8) and a thermostatic air vent (9), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GS 17 2" 300 RF*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GA WCB

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

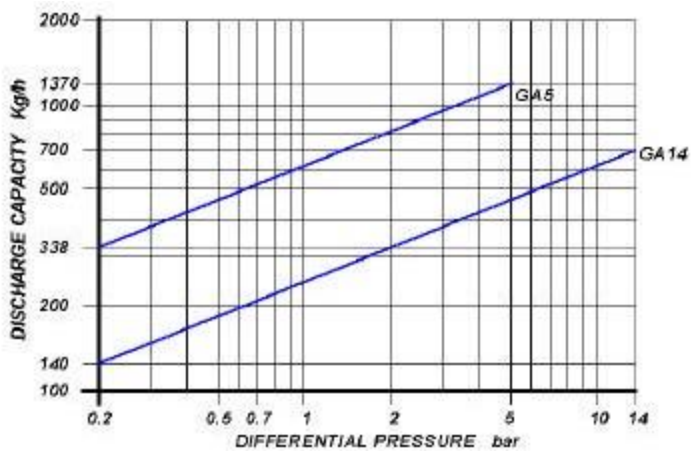
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



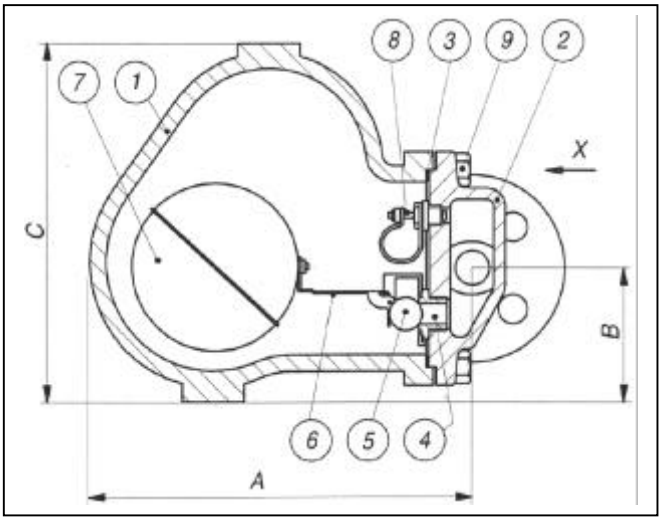
Cold water capacities are 2 to 4 times greater than the above . Safety factor = 1.2 – 1.5

SIZES
½" – ¾" – 1"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

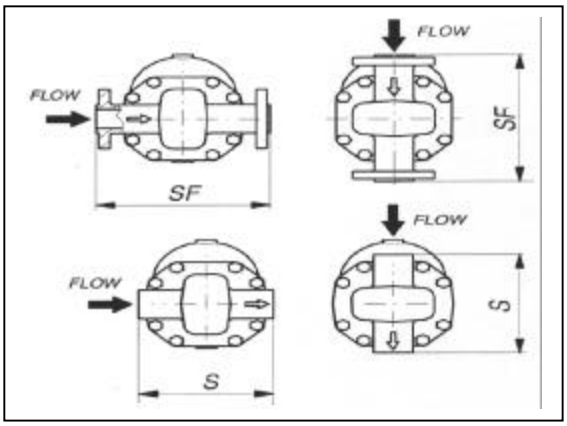
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 150
PMA: Max allowable pressure	20 bar
TMA: max allowable temperature	350°C
PMO: max working pressure	14 bar
TMO: max working temperature	300°C
Max. Differential pressure (GA 5)	5 bar
Max. Differential pressure (GA 14)	14 bar

BALL FLOAT STEAM TRAPS
GA WCB



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A216 WCB	
2	Cover	ASTM A216 WCB	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Lever	AISI 316	X
7	Ball float	AISI 316	X
8	Air vent	STAINLESS STEEL	X
9	Bolts	ASTM A193 B7	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
½"	165	213	71	180	11	211	13.3	205	13.3	211	13.5	222	14
¾"	165	213	71	180	11	215	13.7	207	13.7	211	14.6	230	15
1"	165	213	71	180	11	215	14.5	210	14.5	214	15.2	230	15.5



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GA 14 WCB 1" 150 RF*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GA CF8M

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

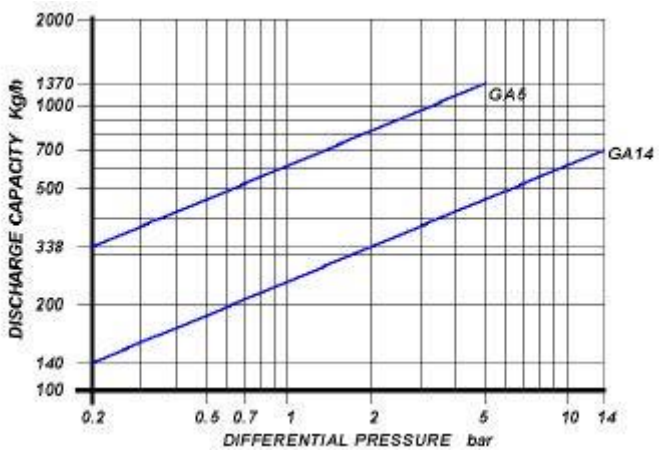
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



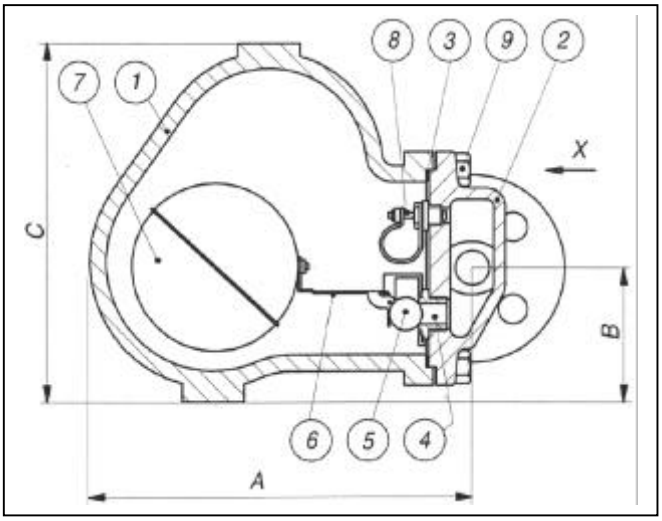
Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 – 1.5

SIZES
½" – ¾" – 1"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

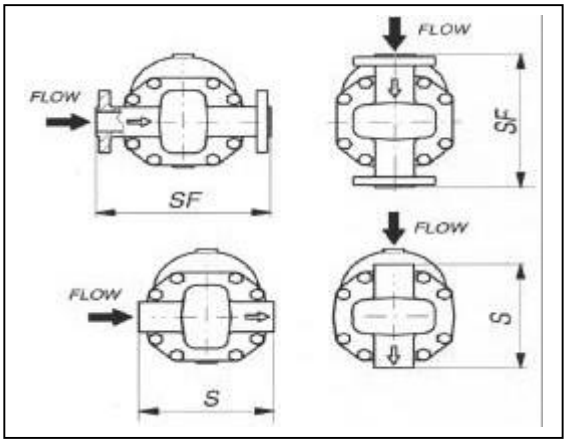
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 150
PMA: Max allowable pressure	20 bar
TMA: max allowable temperature	410°C
PMO: max working pressure	14 bar
TMO: max working temperature	370°C
Max. Differential pressure (GA 5)	5 bar
Max. Differential pressure (GA 14)	14 bar

BALL FLOAT STEAM TRAPS
GA CF8M



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A315 CF8M	
2	Cover	ASTM A315 CF8M	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Lever	AISI 316	X
7	Ball float	AISI 316	X
8	Air vent	STAINLESS STEEL	X
9	Bolts	ASTM A193 B8	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
½"	165	213	71	180	11	211	13.3	205	13.3	211	13.5	222	14
¾"	165	213	71	180	11	215	13.7	207	13.7	211	14.6	230	15
1"	165	213	71	180	11	215	14.5	210	14.5	214	15.2	230	15.5



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GA 14 CF8M 1" 150 RF*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GB WCB

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

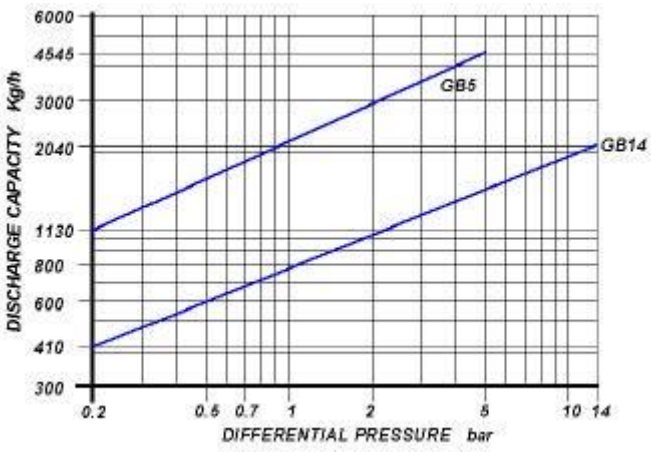
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



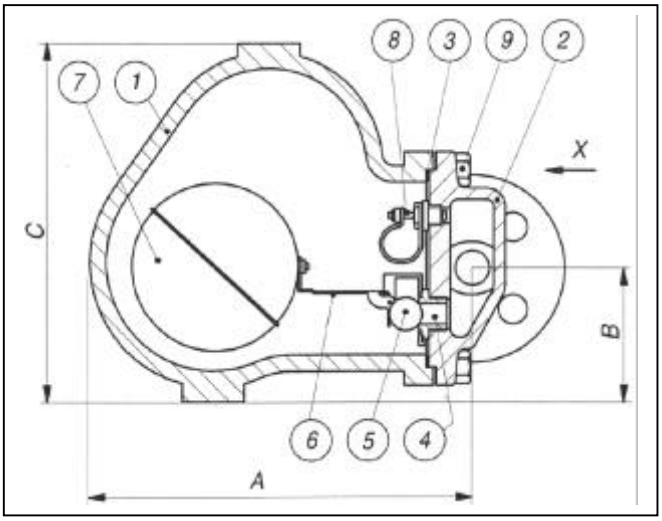
Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 – 1.5

SIZES
½" – ¾" – 1"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

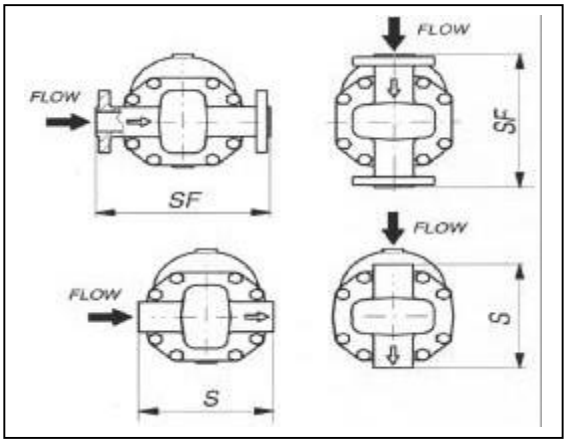
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 150
PMA: Max allowable pressure	20 bar
TMA: max allowable temperature	350°C
PMO: max working pressure	14 bar
TMO: max working temperature	300°C
Max. Differential pressure (GB 5)	5 bar
Max. Differential pressure (GB 14)	14 bar

BALL FLOAT STEAM TRAPS
GB WCB



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A216 WCB	
2	Cover	ASTM A216 WCB	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Lever	AISI 316	X
7	Ball float	AISI 316	X
8	Air vent	STAINLESS STEEL	X
9	Bolts	ASTM A193 B7	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
½"	165	238	81	218	13	211	15.2	205	15.2	211	15.5	222	16
¾"	165	238	81	218	13	215	15.3	207	15.3	211	15.5	230	16.5
1"	165	238	81	218	13	215	16.5	210	16.5	214	16.7	230	17.5



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GB 14 WCB ¾" NPT*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GB CF8M

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

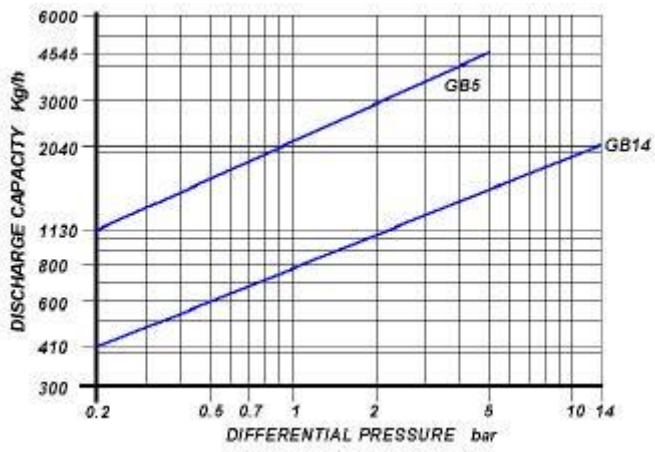
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



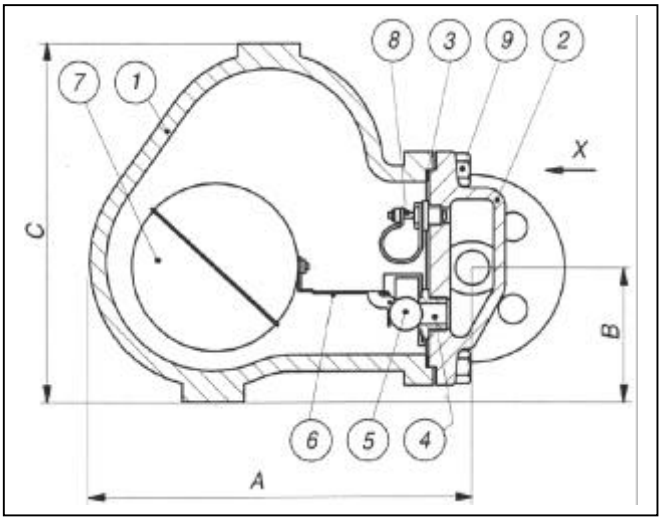
Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 – 1.5

SIZES
½" – ¾" – 1"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

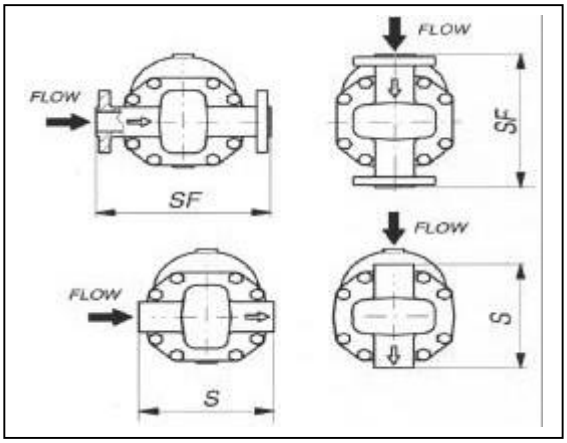
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 150
PMA: Max allowable pressure	20 bar
TMA: max allowable temperature	410°C
PMO: max working pressure	14 bar
TMO: max working temperature	370°C
Max. Differential pressure (GB 5)	5 bar
Max. Differential pressure (GB 14)	14 bar

BALL FLOAT STEAM TRAPS
GB CF8M



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A315 CF8M	
2	Cover	ASTM A315 CF8M	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Lever	AISI 316	X
7	Ball float	AISI 316	X
8	Air vent	STAINLESS STEEL	X
9	Bolts	ASTM A193 B8	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
½"	165	238	81	218	13	211	15.2	205	15.2	211	15.5	222	16
¾"	165	238	81	218	13	215	15.3	207	15.3	211	15.5	230	16.5
1"	165	238	81	218	13	215	16.5	210	16.5	214	16.7	230	17.5



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GB 14 CF8M ¾" NPT*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GC WCB

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

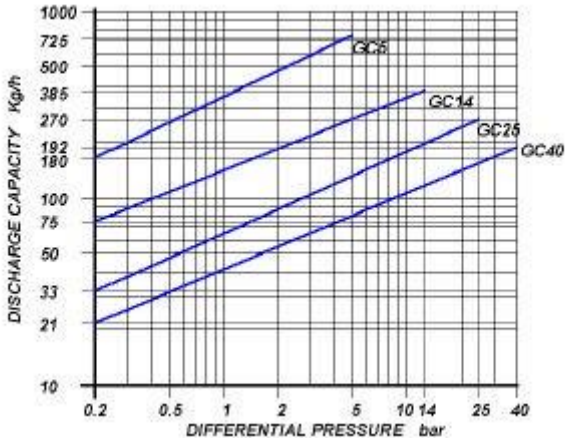
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



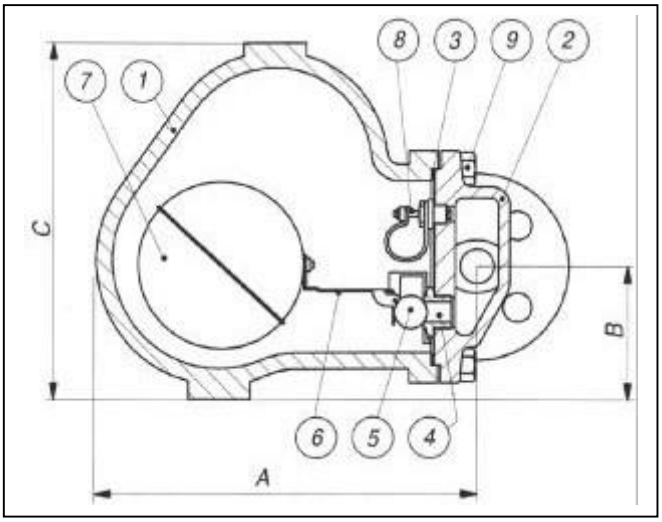
Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 – 1.5

SIZES
½" – ¾" – 1"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

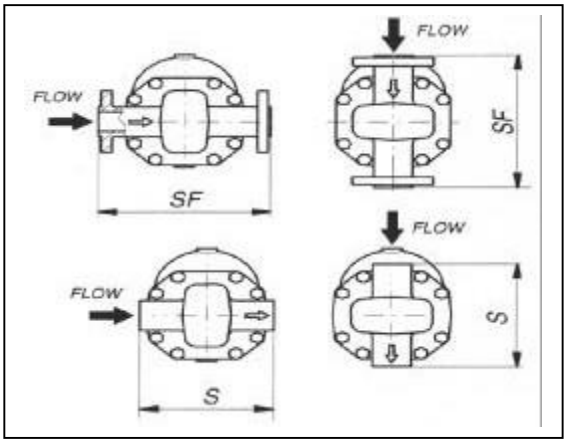
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 300
PMA: Max allowable pressure	50 bar
TMA: max allowable temperature	350°C
PMO: max working pressure	40 bar
TMO: max working temperature	300°C
Max. Differential pressure (GC 5)	5 bar
Max. Differential pressure (GC 14)	14 bar
Max. Differential pressure (GC 25)	25 bar
Max. Differential pressure (GC 40)	40 bar

BALL FLOAT STEAM TRAPS
GC WCB



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A216 WCB	
2	Cover	ASTM A216 WCB	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Lever	AISI 316	X
7	Ball float	AISI 316	X
8	Air vent	STAINLESS STEEL	X
9	Bolts	ASTM A193 B7	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
½"	165	213	71	180	11	211	13.3	205	13.3	211	13.5	222	14
¾"	165	213	71	180	11	215	13.7	207	13.7	211	14.6	230	15
1"	165	213	71	180	11	215	14.5	210	14.5	214	15.2	230	15.5



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. GC 25 WCB 1" 300 RF

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GC CF8M

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

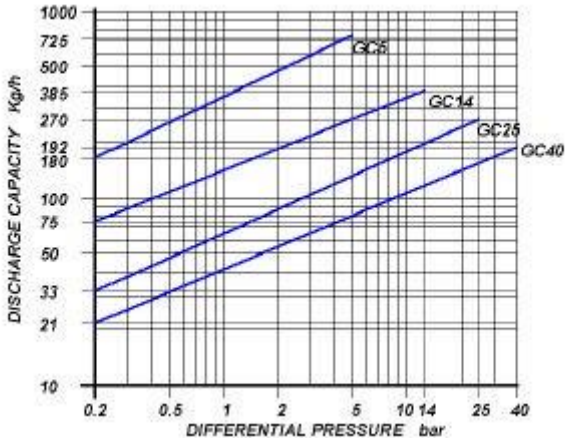
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



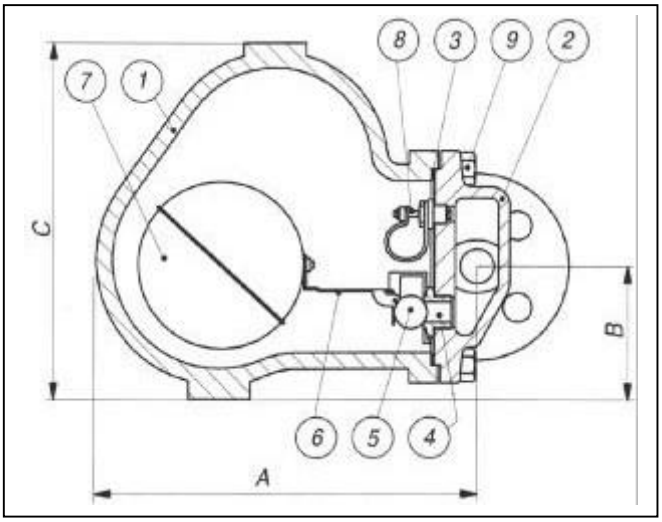
Cold water capacities are 2 to 4 times greater than the above . Safety factor = 1.2 – 1.5

SIZES
½" – ¾" – 1"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

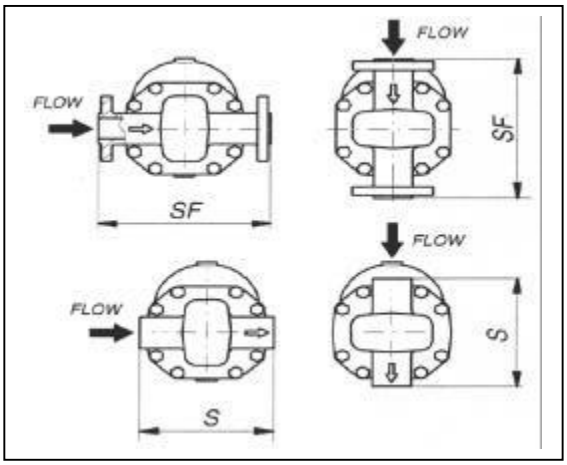
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 300
PMA: Max allowable pressure	50 bar
TMA: max allowable temperature	410°C
PMO: max working pressure	40 bar
TMO: max working temperature	370°C
Max. Differential pressure (GC 5)	5 bar
Max. Differential pressure (GC 14)	14 bar
Max. Differential pressure (GC 25)	25 bar
Max. Differential pressure (GC 40)	40 bar

BALL FLOAT STEAM TRAPS
GC CF8M



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A351 CF8M	
2	Cover	ASTM A351 CF8M	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Lever	AISI 316	X
7	Ball float	AISI 316	X
8	Air vent	STAINLESS STEEL	X
9	Bolts	ASTM A193 B8	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
½"	165	213	71	180	11	211	13.3	205	13.3	211	13.5	222	14
¾"	165	213	71	180	11	215	13.7	207	13.7	211	14.6	230	15
1"	165	213	71	180	11	215	14.5	210	14.5	214	15.2	230	15.5



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GC 25 CF8M 1" 300 RF*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GD WCB

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

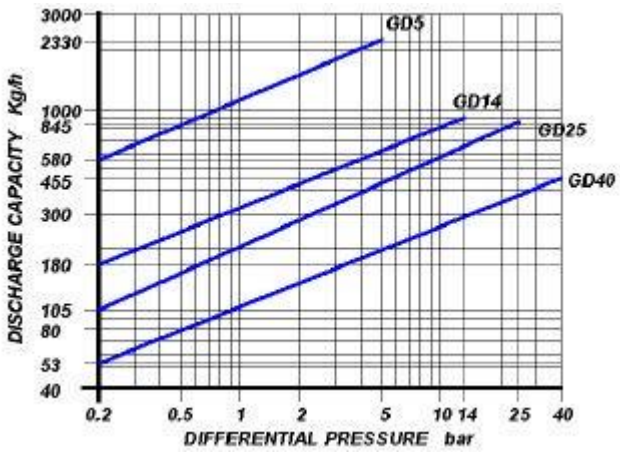
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



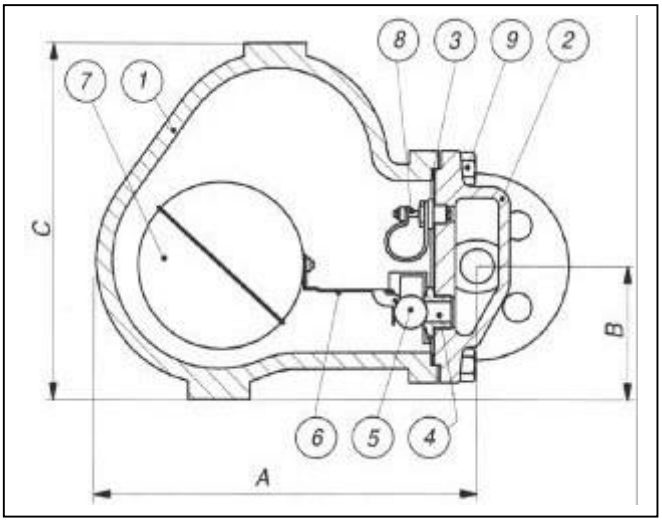
Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 – 1.5

SIZES
½" – ¾" – 1"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

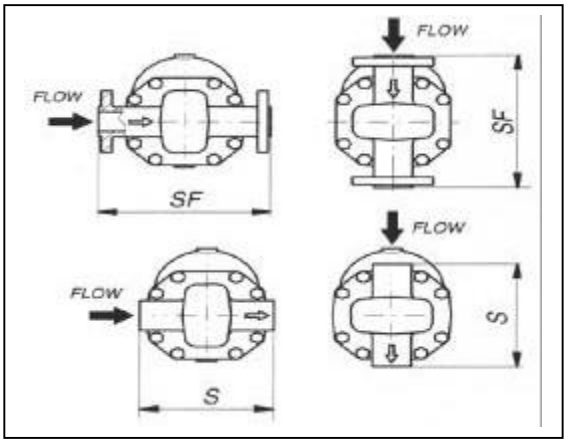
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 300
PMA: Max allowable pressure	50 bar
TMA: max allowable temperature	350°C
PMO: max working pressure	40 bar
TMO: max working temperature	300°C
Max. Differential pressure (GD 5)	5 bar
Max. Differential pressure (GD 14)	14 bar
Max. Differential pressure (GD 25)	25 bar
Max. Differential pressure (GD 40)	40 bar

BALL FLOAT STEAM TRAPS
GD WCB



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A216 WCB	
2	Cover	ASTM A216 WCB	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Lever	AISI 316	X
7	Ball float	AISI 316	X
8	Air vent	STAINLESS STEEL	X
9	Bolts	ASTM A193 B7	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
½"	165	238	81	218	13	211	15.2	205	15.2	211	15.5	222	16
¾"	165	238	81	218	13	215	15.3	207	15.3	211	15.5	230	16.5
1"	165	238	81	218	13	215	16.5	210	16.5	214	16.7	230	17.5



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GD 40 WCB ¾" PN 40*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GD CF8M

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

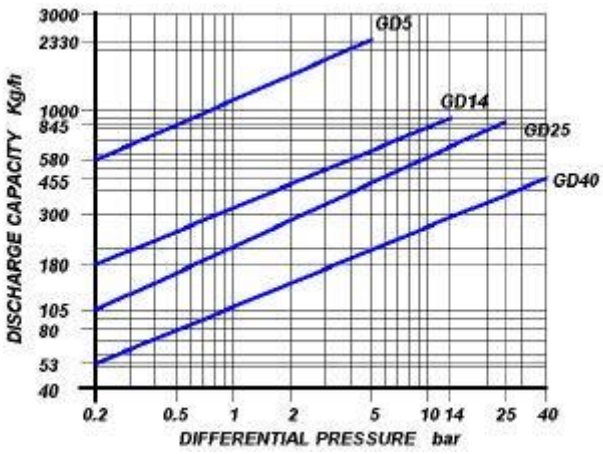
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



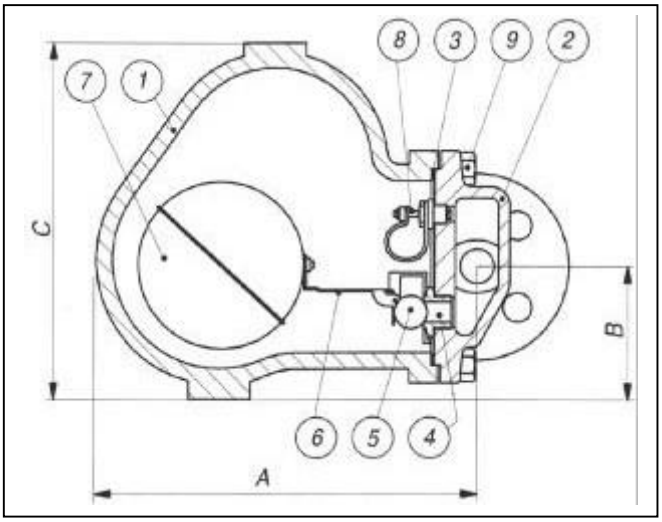
Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 – 1.5

SIZES
½" – ¾" – 1"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

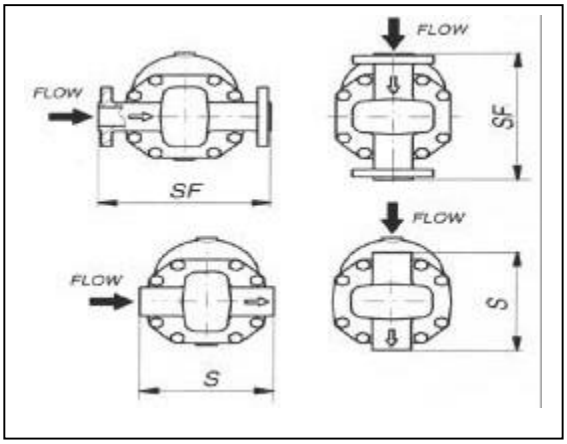
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 300
PMA: Max allowable pressure	50 bar
TMA: max allowable temperature	410°C
PMO: max working pressure	40 bar
TMO: max working temperature	370°C
Max. Differential pressure (GD 5)	5 bar
Max. Differential pressure (GD 14)	14 bar
Max. Differential pressure (GD 25)	25 bar
Max. Differential pressure (GD 40)	40 bar

BALL FLOAT STEAM TRAPS
GD CF8M



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A351 CF8M	
2	Cover	ASTM A351 CF8M	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Lever	AISI 316	X
7	Ball float	AISI 316	X
8	Air vent	STAINLESS STEEL	X
9	Bolts	ASTM A193 B8	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
½"	165	238	81	218	13	211	15.2	205	15.2	211	15.5	222	16
¾"	165	238	81	218	13	215	15.3	207	15.3	211	15.5	230	16.5
1"	165	238	81	218	13	215	16.5	210	16.5	214	16.7	230	17.5



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),if necessary also a ball float (7) and a thermostatic air vent (8), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. GD 40 CF8M ¾" PN 40

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GE WCB

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

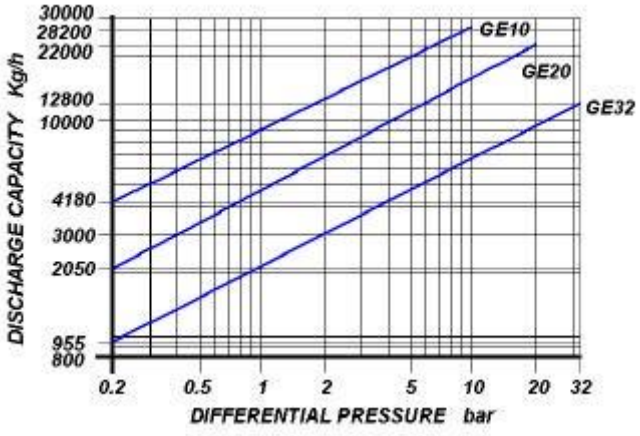
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



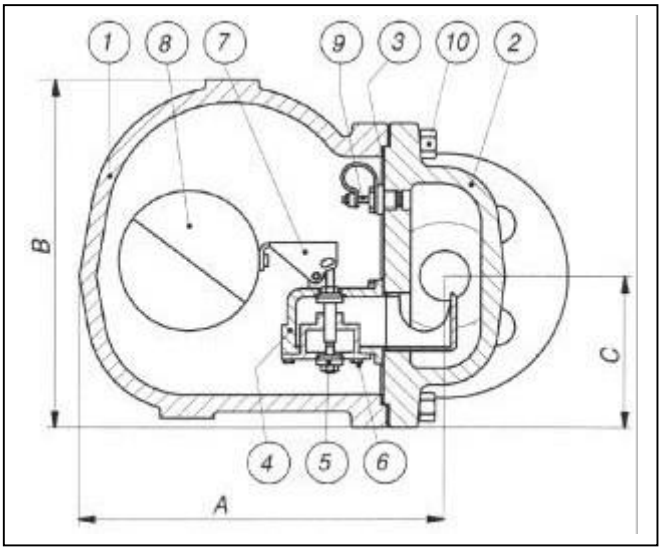
Cold water capacities are 2 to 4 times greater than the above . Safety factor = 1.2 – 1.5

SIZES
1½" – 2"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

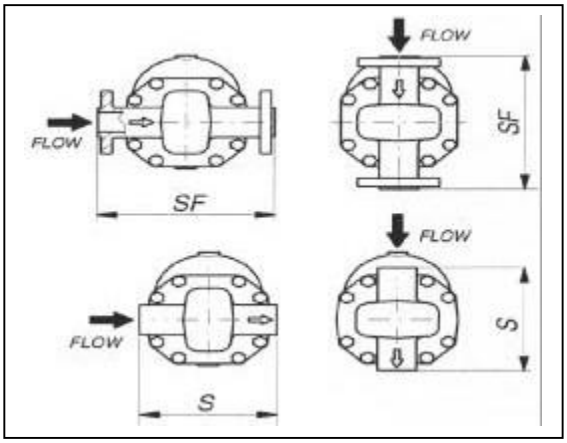
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 300
PMA: Max allowable pressure	50 bar
TMA: max allowable temperature	350°C
PMO: max working pressure	40 bar
TMO: max working temperature	300°C
Max. Differential pressure (GE 10)	10 bar
Max. Differential pressure (GE 20)	20 bar
Max. Differential pressure (GE 32)	32 bar

BALL FLOAT STEAM TRAPS
GE WCB



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A216 WCB	
2	Cover	ASTM A216 WCB	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Screws	STAINLESS STEEL	X
7	Lever	AISI 316	X
8	Ball float	AISI 316	X
9	Air vent	STAINLESS STEEL	
10	Bolts	ASTM A193 B7	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
1½"	260	258	250	109	34	320	37	320	37	320	39	320	41
"2"	260	258	250	109	34	320	38	320	38	320	40	320	42



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),(7), if necessary also a ball float (8) and a thermostatic air vent (9), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GE 20 WCB 2" 600 RF*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT STEAM TRAPS

GE CF8M

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

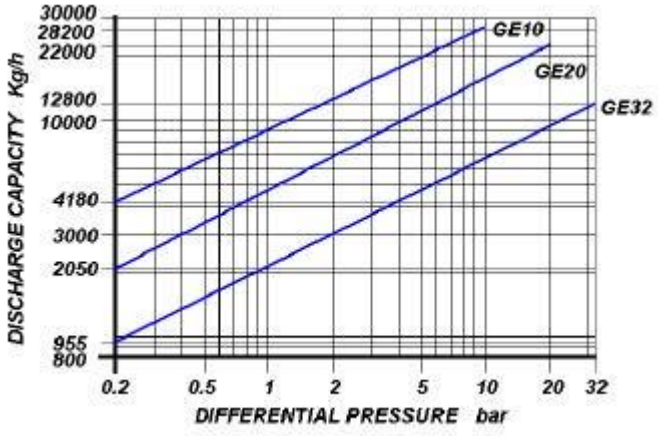
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



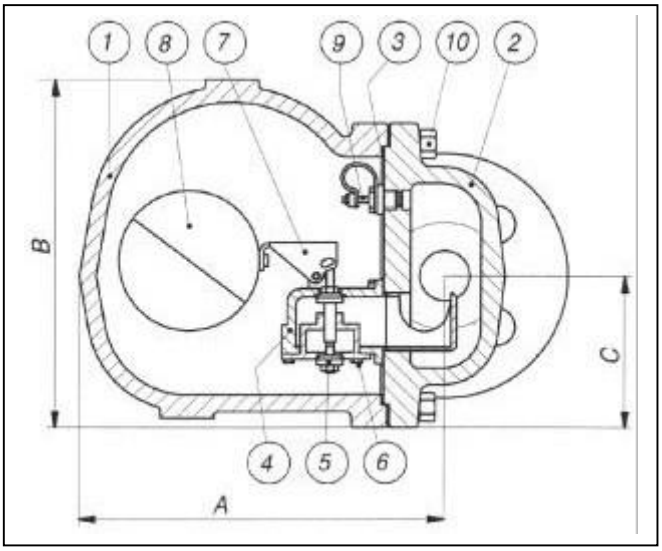
Cold water capacities are 2 to 4 times greater than the above . Safety factor = 1.2 – 1.5

SIZES
1½" – 2"

CONNECTIONS	
SCREWED	ANSI B1.20.1 (NPT) / BS21 (BSP)
SOCKET WELD	ANSI B16.11
FLANGED	ANSI 150#/300#/600#/UNI/DIN

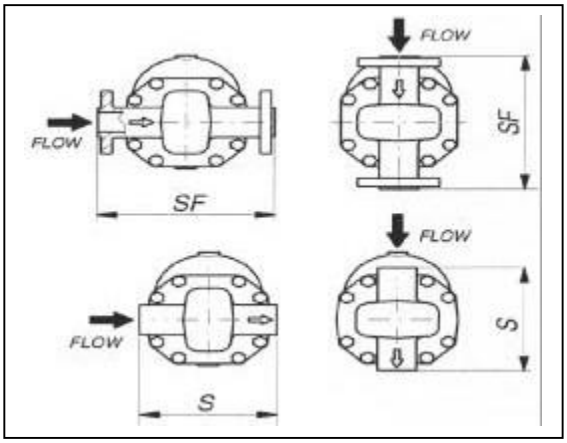
LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	ANSI 300
PMA: Max allowable pressure	50 bar
TMA: max allowable temperature	410°C
PMO: max working pressure	40 bar
TMO: max working temperature	370°C
Max. Differential pressure (GE 10)	10 bar
Max. Differential pressure (GE 20)	20 bar
Max. Differential pressure (GE 32)	32 bar

BALL FLOAT STEAM TRAPS
GE CF8M



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A351 CF8M	
2	Cover	ASTM A351 CF8M	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Screws	STAINLESS STEEL	X
7	Lever	AISI 316	X
8	Ball float	AISI 316	X
9	Air vent	STAINLESS STEEL	
10	Bolts	ASTM A193 B8	

Flanged													
Size (inches)	S	A	B	C	Weight (Kg)	UNI-DIN PN16-25-40		150#		300#		600#	
						SF	Kg	SF	Kg	SF	Kg	SF	Kg
1½"	260	258	250	109	34	320	37	320	37	320	39	320	41
"2"	260	258	250	109	34	320	38	320	38	320	40	320	42



INSTALLATION

The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

HOW TO SERVICE

By installing a new mechanism assembly (4),(5),(6),(7), if necessary also a ball float (8) and a thermostatic air vent (9), you can bring the steam trap to the " as new from factory " condition. This operation is carried out without removing the trap from yhe pipeline. Always fit a new gasket (3) when reassembling.

How to order: i.e. *GE 20 CF8M 2" 600 RF*

DOUGLAS ITALIA S.p.A Località Pradaglie – 29013 CARPANETO PIACENTINO (PC)

OFFICIAL WEB SITE: www.douglas-italia.com

DOUGLAS ITALIA S.P.A.

BALL FLOAT
STEAM TRAPS HIGH CAPACITY
GE WCB

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

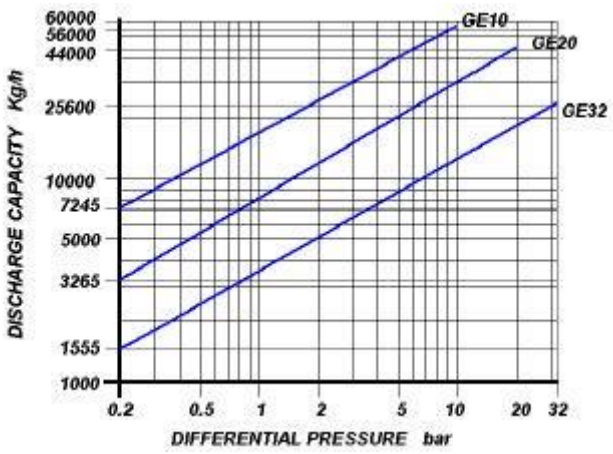
MAIN FEATURES

Continuons discharge. Discharge of condensate at steam temperature. Simple and reliable construction. It does not withstand waterhammer. Suitable on superheated steam

APPLICATIONS

- *Heat exchangers*
- *Heater batteries*
- *Pans*
- *Drying cilinders*
- *Ovens*

DISCHARGE CAPACITY



Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 – 1.5

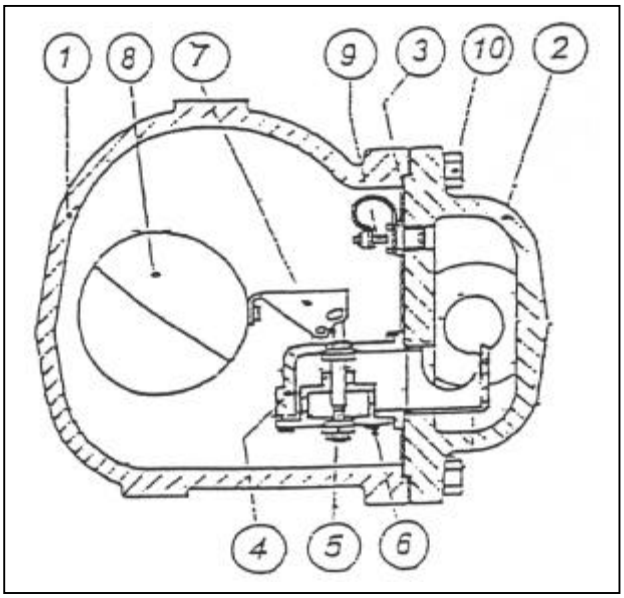
SIZES
3" – 4"

CONNECTIONS	
FLANGED	*ANSI B16.5 / UNI / DIN*

LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	*ANSI 300*
PMA: Max allowable pressure	*50 bar*
TMA: max allowable temperature	*350°C*
PMO: max working pressure	*40 bar*
TMO: max working temperature	*300°C*
Max. Differential pressure (GE 10)	*10 bar*
Max. Differential pressure (GE 20)	*20 bar*
Max. Differential pressure (GE 32)	*32 bar*

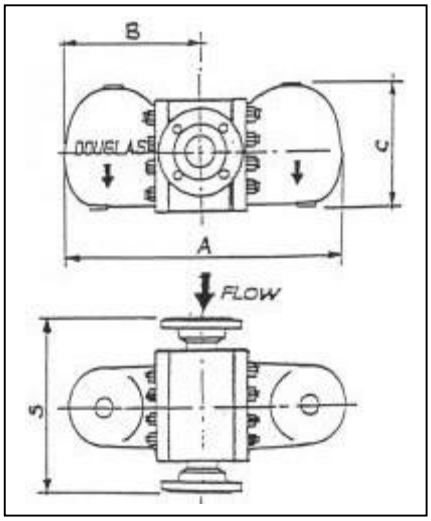
BALL FLOAT STEAM TRAPS HIGH CAPACITY

GE WCB



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A216 WCB	
2	Cover	ASTM A216 WCB	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Screws	STAINLESS STEEL	X
7	Lever	AISI 316	X
8	Ball float	AISI 316	X
9	Air vent	STAINLESS STEEL	
10	Bolts	ASTM A193 B7	

Size (inches)	S	A	B	C	Weight (Kg)
3”	370	590	295	245	90
4”	402	590	295	245	98



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The steam trap must be fitted with the float arm in a horizontal plane so that it rises and falls vertically with the flow direction indicated on the body.

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How to order: i.e. *GE 20 WCB*

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DOUGLAS ITALIA S.P.A.

BALL FLOAT
STEAM TRAPS HIGH CAPACITY
GE CF8M

BALL FLOAT

Its operating principle is based on the different density between steam and condensate. A float through a simple lever mechanism opens or closes the valve according to the condensate level in the trap. Air discharge is ensured by a thermostatic element.

MAIN FEATURES

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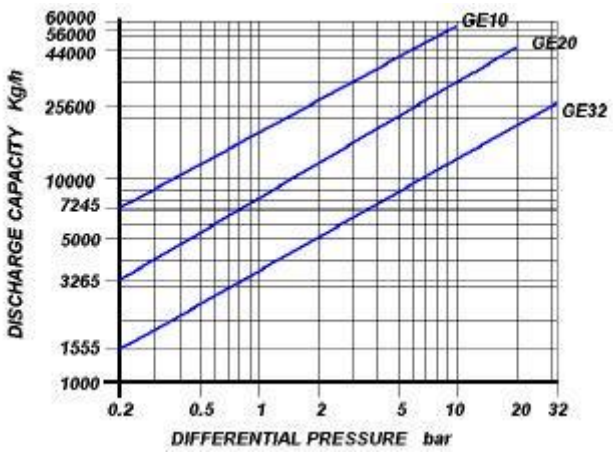
DISCHARGE CAPACITY



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Safety factor = 1.2 – 1.5

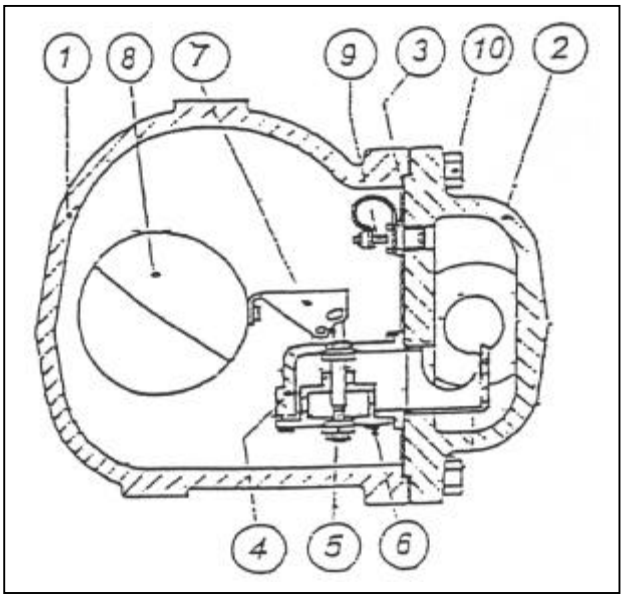
SIZES
3" – 4"

CONNECTIONS	
FLANGED	*ANSI B16.5 / UNI / DIN*

LIMITING CONDITIONS (according to ISO 6552)	
Steam Trap rating	*ANSI 300*
PMA: Max allowable pressure	*50 bar*
TMA: max allowable temperature	*410°C*
PMO: max working pressure	*40 bar*
TMO: max working temperature	*370°C*
Max. Differential pressure (GE 10)	*10 bar*
Max. Differential pressure (GE 20)	*20 bar*
Max. Differential pressure (GE 32)	*32 bar*

BALL FLOAT STEAM TRAPS HIGH CAPACITY

GE CF8M



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A351 CF8M	
2	Cover	ASTM A351 CF8M	
3	Gasket	316 / GRAPHITE	X
4	Seat	AISI 316	X
5	Valve	AISI 316	X
6	Screws	STAINLESS STEEL	X
7	Lever	AISI 316	X
8	Ball float	AISI 316	X
9	Air vent	STAINLESS STEEL	
10	Bolts	ASTM A193 B8	

Size (inches)	S	A	B	C	Weight (Kg)
3”	370	590	295	245	90
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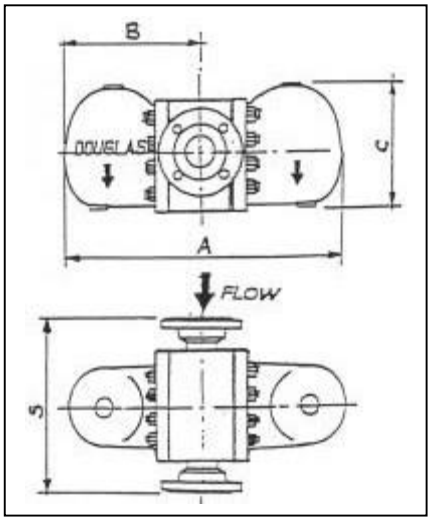

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