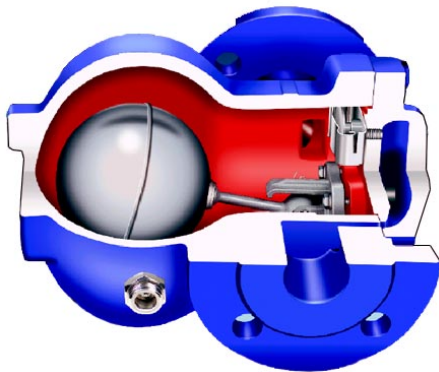




# AYVAZ

## Float Trap with Thermostatic Air Vent

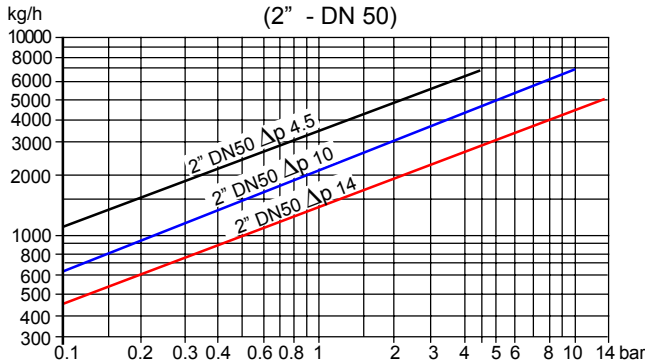


### Typical Applications

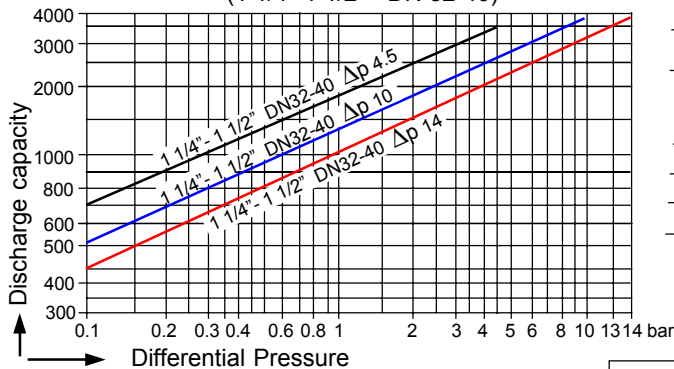
Heat Exchangers / Heating Batteries / Tanks /  
Pans / Drying Cylinders / Ovens

### Discharge Capacities

(2" - DN 50)

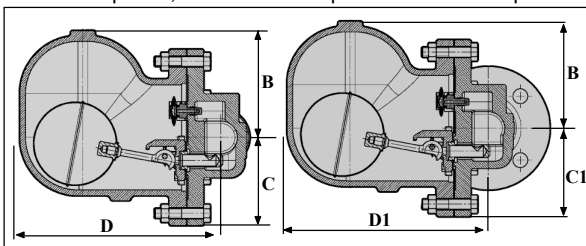


(1 1/4"-1 1/2" - DN 32-40)



$\Delta P = \text{Inlet Pressure} - \text{Outlet Pressure}$

**Red Chart**  $\Delta p =$  For 14 bar diff. press., **Blue Chart**  $\Delta p =$  For 10 bar diff. press., **Black Chart**  $\Delta p =$  For 4.5 bar diff. press.



### DIMENSIONS

Size	A - A1	B	C - C1	D - D1	E	No. Holes
32	270 - 320	130	108 - 108	238 - 242	270	4
40	270 - 320	130	108 - 108	238 - 242	270	4
50	300 - 320	138	125 - 122	250 - 250	300	4

## SK 55

## FLOAT TRAP

### Main Features

A Float through a simple lever mechanism opens or closes the valve according to the condensate level inside the trap. The opening is proportional with condensate rate. It is unaffected by instantaneous pressure changings. These types of steam traps specially used where prompt and continuous discharge of condensate is necessary. For such cases float traps are the ideal traps as well automatically control systems to prove adequate heat transfer.

### Installation

The steam trap must be fitted with the float arm in horizontal plane so that the float rises and falls vertically in the body. with condensate rate. It is unaffected by instantaneous pressure changings. These types of steam traps specially used where prompt and continuous discharge of condensate is necessary. For such cases float traps are the ideal traps as well automatically control systems to prove adequate heat transfer.

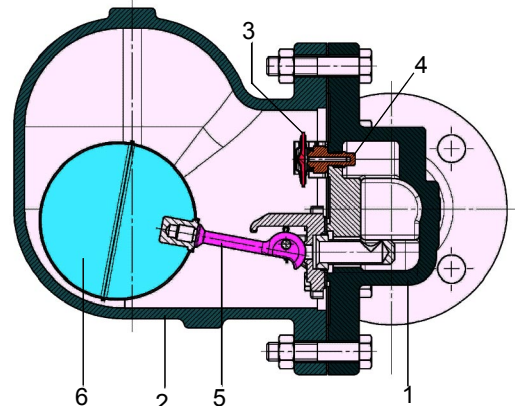
OPERATING CONDITIONS	Cast Iron Body
Max.Allowable Pressure PMA (bar)	25
Max.Allowable Temperature TMA (°C)	300
Max.Operating Pressure PMO (bar)	16
Max.Differential Pressure PMD (bar)	4.5-10-14
Max.Operating Temperature TMO (°C)	250

### WEIGHTS

Connections	Flanged	Screwed	Butt weld
Sizes mm	32 - 40 - 50	1 1/4"-1 1/2"-2"	
Weights kg	20.8-21.8-33	16.8-17.6-22	

### CONNECTIONS

Screwed	NPT acc. to ANSI B1 20.1 BSP acc. to BS 21	
Flanged	DIN 2533	
Sizes	mm	inches
	32 - 40 - 50	1 1/4" - 1 1/2" - 2"



### MATERIALS

1 Body	GGG 40.3 or GSC 25
2 Cover	GGG 40.3 or GSC 25
3 Thermostatic Capsule	Stainless Steel AISI 304
4 Air Vent Seat	Stainless Steel AISI 304
5 Float Lever	Stainless Steel AISI 304
6 Float	Stainless Steel AISI 304