

4MFBT Series Specification

- ▶ Size Range : 15MM To 50MM
- ▶ Body : DI / S.G IRON / WCB
- ▶ End : Flanged / Screwed

4MNBI Series Specification

- ▶ Size Range : 15, 20, 25MM
- ▶ Body : CF8 / CF8M / A 105
- ▶ End : Screwed



4MFBT SERIES

The 4Matic Ball Float Steam Trap is a reliable mechanical solution designed for the continuous removal of condensate from steam systems while retaining live steam. Operating on the principle of float buoyancy, it automatically responds to changing condensate levels to ensure efficient and uninterrupted drainage.

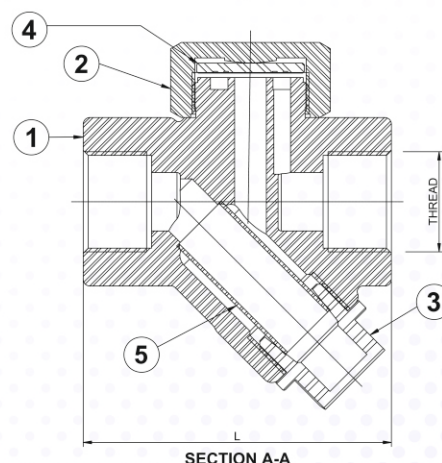
Advantages

- ▶ **Automatic Float Operation**
Automatically responds to changing condensate levels for reliable drainage.
- ▶ **Effective Steam Retention**
Prevents unnecessary live steam loss during condensate discharge.
- ▶ **Efficient Heat Transfer**
Helps maintain optimum heating efficiency by removing condensate quickly.



4MNBI SERIES

4MNBI Series Thermodynamic Steam Trap is a compact, robust, and highly efficient solution for discharging condensate from steam systems. Designed with a simple yet durable construction, it operates on the principle of dynamic flash steam forces, ensuring reliable performance across a wide range of pressures and temperatures.

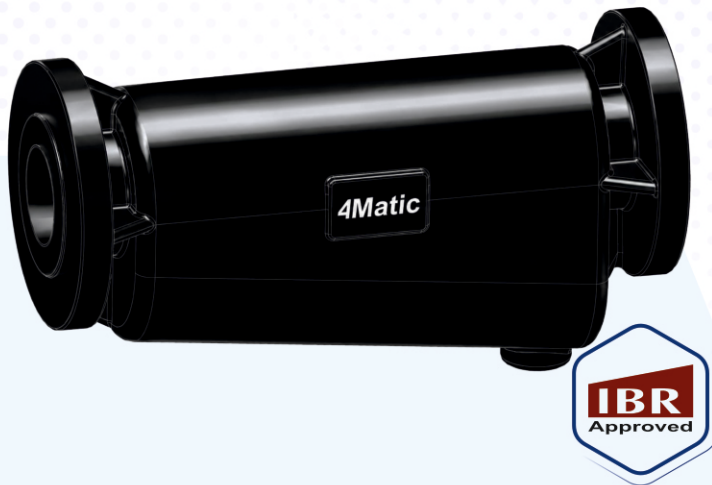


No.	Description	Material	Size	ØD	BSP/NPT
1	Body	CF8 / CF8M / A105	Tolerance	±3MM	±3MM
2	Top Plug	CF8 / CF8M / A105	15MM	77.5	15
3	Bottom Plug	CF8 / CF8M / A105	20MM	77.5	20
4	Washer	S.S / EN 31	25MM	92.4	25
5	Strainer	S.S	All Dimension are in mm		

4MNEP Series Steam Separator

4Matic®

Pure Steam Performance.
Engineered Efficiency.



Specification

Size Range : 25MM To 250MM ◀

Body : S.G IRON / WCB / CF8 / CF8M ◀

Temperature : Upto 350°C ◀

Pressure Rating : As Per 150# & 300# ◀

End : Flanged ◀

Introduction

The 4Matic 4MNEP Series Steam Separator is designed to efficiently remove suspended water droplets and entrained moisture from steam lines, improving steam dryness and overall steam quality. Separating moisture before it reaches down-steam equipment, the separator helps support efficient heat transfer, reduce water hammer and protect steam system components from moisture related damage.

Advantages

► Efficient Moisture Separation

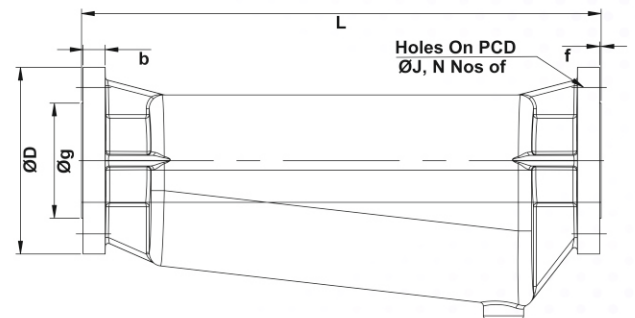
Removes suspended water droplets from flowing steam to improve steam dryness.

► Reduced Water Hammer

Helps minimize moisture-related impact and disturbances in steam pipelines.

► Improved Process Efficiency

Supports reliable operation of steam using equipment and processes.



150# Dimension

Size	L	ØD	B	f	Øg	ØJ	N	PCD
Tolerance	±3MM	+2MM -1MM	+3MM	±0.5MM	±1MM	±0.8MM		±1.5MM
25MM	280	110	9.6	02	50.8	15.88	04	79.4
40MM	368	125	12.7	02	73	15.88	04	98.4
50MM	457	150	14.3	02	92.1	19.05	04	120.7
65MM	470	180	15.9	02	104.8	19.05	04	139.7
80MM	483	190	17.5	02	127	19.05	04	152.4
100MM	708	230	22.3	02	157.2	19.05	08	190.5
125MM	705	255	22.3	02	185.7	22.23	08	215.9
150MM	706	280	23.9	02	215.9	22.23	08	139.7
200MM	762	345	27	02	269.9	22.23	08	298.5
250MM	822	405	28.6	02	323.8	25.4	12	362

All Dimension are in mm