

## 109. HUMIDITY SEPARATOR

### Function:

Centrifugal separators remove moisture from steam and compressed air pipelines. Steam and compressed air passing through the separator and as a result of centrifugal forces, impact and swirling effects, separate the particles with a heavier specific gravity, such as water and oil droplets, moisture in suspension, dirt and scale.

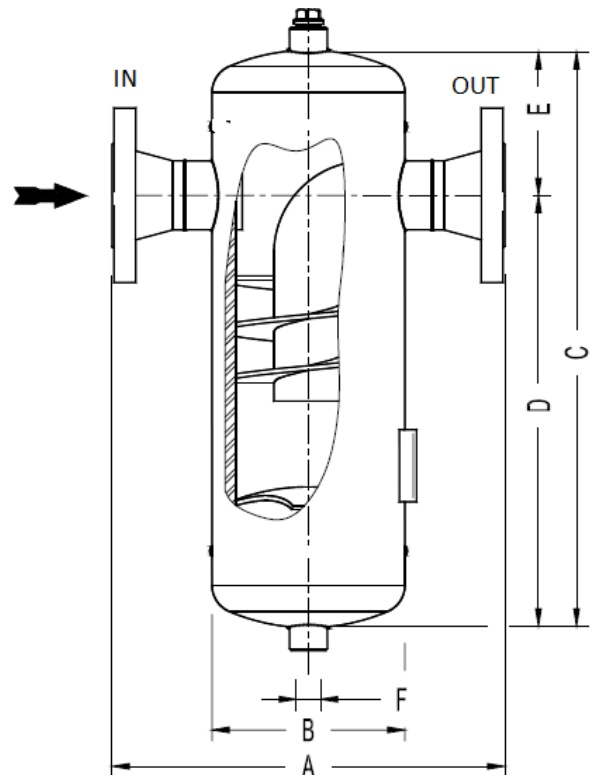
The condensate collected at the bottom of the separator, must be automatically drained by a suitable steam or compressed air trap. Connections are flanged

### Specifications:

- Sizes: Refer table
- Connections: ANSI(Refer table)
- Material: Contact parts: AISI 316L  
Non-contact parts: AISI 304
- Surface finish:  
External finish: Glass bead blasted.  
Pressure Rating; 14 bar@ 198 C

### Application:

- To remove humidity from air lines from compressors
- Used at Vacuum pump inlet
- To remove condensate from steam lines in industrial applications.



# GEI Process

## Ordering Information:

Part#	Size DN	A (in mm)	B (in mm)	C (in mm)	D (in mm)	E (in mm)	F	ANSI Rating
108.000.000	15	250	114	260	190	70	½" BSP F	150#
108.000.001	20	255	114	260	190	75	½" BSP F	150#
108.000.002	25	262	114	300	200	100	½" BSP F	150#
108.000.003	32	290	141	395	285	110	½" BSP F	150#
108.000.004	40	294	141	435	325	110	½" BSP F	150#
108.000.005	50	341	168	505	385	120	½" BSP F	150#
108.000.006	65	430	219	550	410	140	¾" BSP F	150#
108.000.007	80	440	219	610	462	148	¾" BSP F	150#
108.000.008	100	533	273	715	528	187	¾" BSP F	150#
108.000.009	125	622	324	845	630	215	1" BSP F	150#
108.000.010	150	652	356	962	692	270	1" BSP F	150#
108.000.011	200	703	406	1170	880	290	1" BSP F	150#
108.000.012	250	815	508	1540	1140	400	1 ½" BSP F	150#
108.000.013	300	944	610	1700	1172	528	1 ½" BSP F	150#

All dimensions are in mm. unless and otherwise specified.

The information contained in this brochure is for guidance only. We reserve the right to modify any material or feature without notice in advance. For further information, please, consult our application specialist.