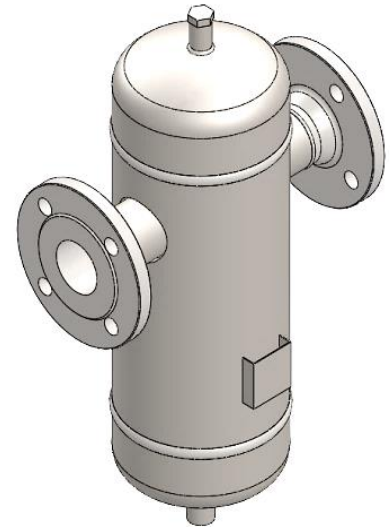


CEFI 32 HUMIDITY SEPERATORS

The Series CEFI 32 humidity separator are designed to give maximum separation moisture or impurities when use for steam, air or gas system. We are combined baffle direct straight stream with cyclone principle, separates 99% of particles from 10 microns in size, achieving maximum dryness for the fluid stream. Increases production efficiency, minimizes equipment damage due to humidity.

Series	CEFI 32
Size	DN15 to DN300
Pressure Design	PN16, PN40
Temperature	250°C
Material	Carbon steel
Connections	Flanged DIN, ANSI

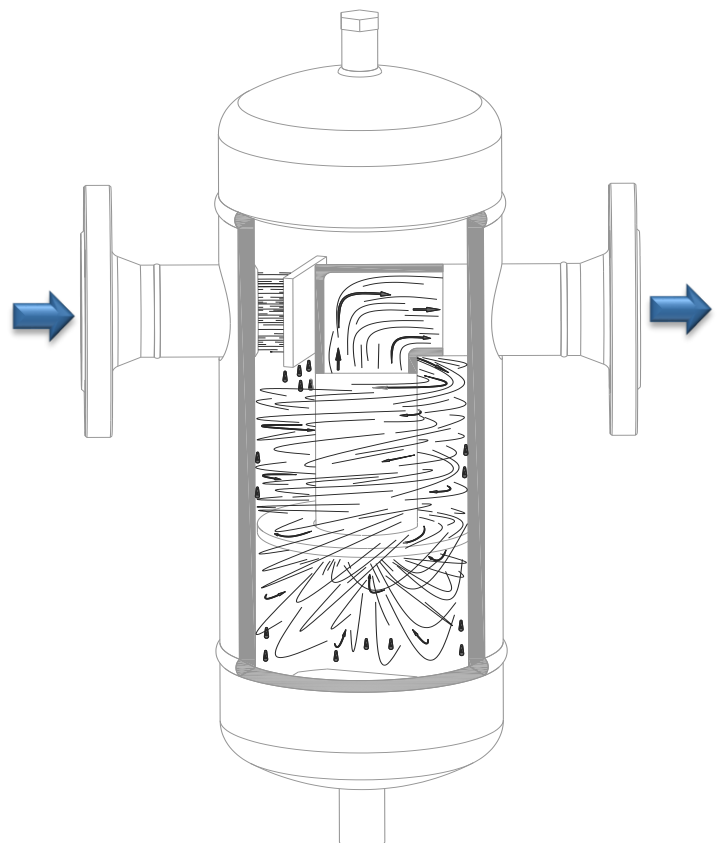


Benefits of our Technology:

- Increase production efficiency
- Minimize equipment damage due to humidity
- Increase heating efficiency
- Create dryness fluid
- Separates of 99% of particles from 10 micron
- Low pressure drop
- Baffle combine cyclone principle
- Reduce the risk of water damage system
- Reduce risk of equipment oxidation for compressed air applications
- Zero maintenance
- Self-cleaning

Operating principle:

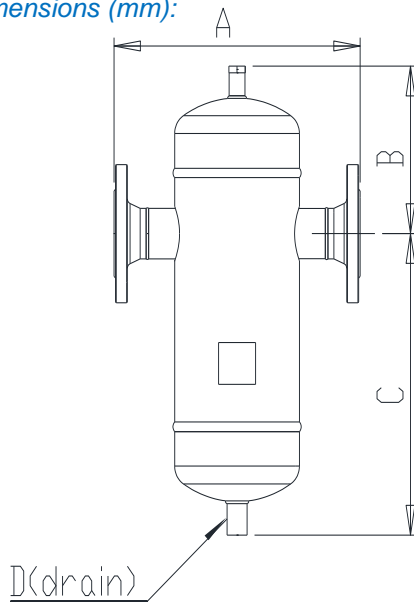
The flow carrying moisture or impurities goes straight towards direct to the baffle, the flow suddenly changes direction. The steam/air/gas fluid has a lighter density than the moisture/impurity fluid. The moisture and impurities with a heavier density move by inertia force and immediately hit the partition baffle, stop and drop downward, separating from the dry fluid flow. The lighter dry fluid flow when encountering the baffle easily changes direction and continues to move in a spiral around the moisture separator wall according to the cyclone principle, the moisture particles tend to bounce off the fluid flow, stick to the moisture separator wall, slowly go down and escape through the trap. The fluid flow escapes through the baffle in the middle of the body, loops from bottom to top to the outlet, at the same time the moisture water particles fall back down and escape through the trap.



Steam separator application

- Steam from boiler
- Main steam line
- Before enter turbine
- Heat exchanger / radiator
- Sterilizer machine
- Pressure regulator / control valve
- Direct dryer machine
- And more

Dimensions (mm):

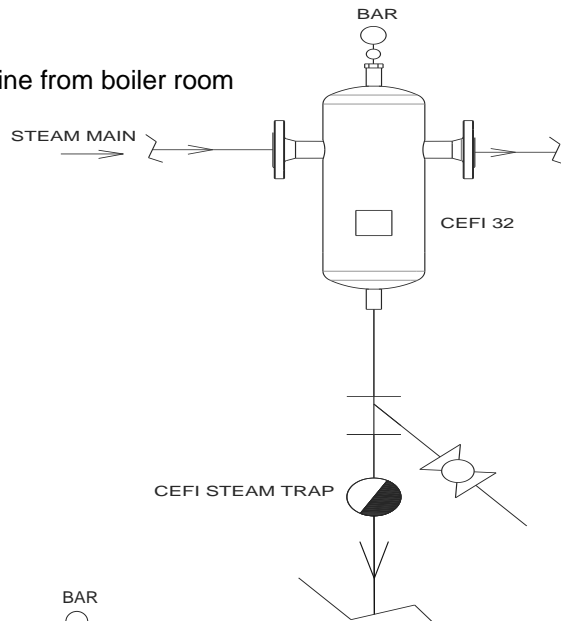


SIZE DN	A	B	C	ØD	Kg
DN15	260	160	195	1/2"	14
DN20	270	170	305	1/2"	15
DN25	280	170	315	1/2"	16
DN32	290	180	330	1/2"	17
DN40	295	180	345	1/2"	18
DN50	330	200	360	3/4"	30
DN65	400	225	450	3/4"	45
DN80	410	168	482	3/4"	60
DN100	480	260	560	1"	95
DN125	540	310	580	1"	126
DN150	564	340	650	1'	179
DN200	630	370	880	1"	280
DN250	C.F	425	1,160	1 1/2"	C.F
DN300	C.F	553	1,197	1 1/2"	C.F

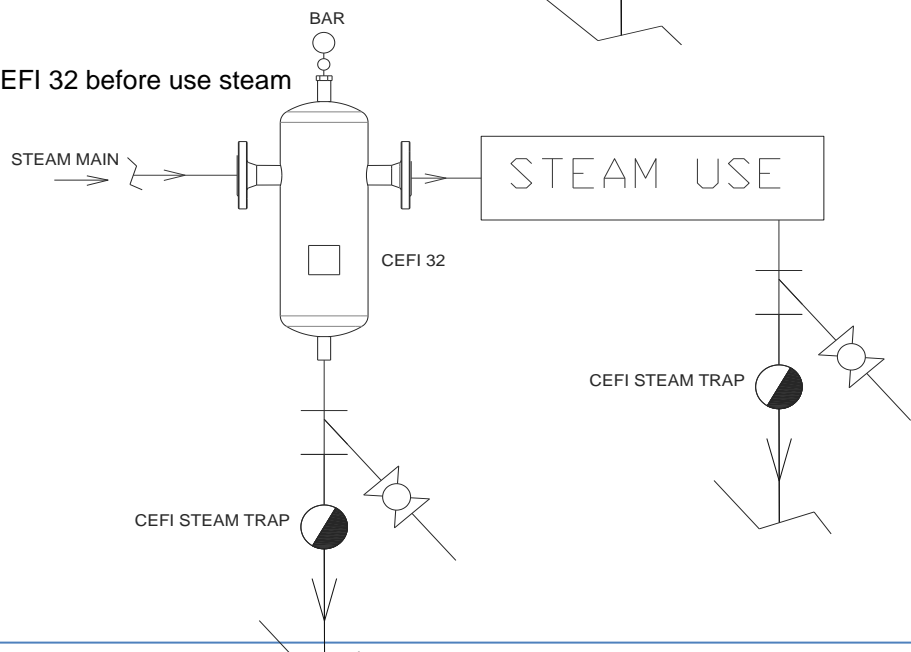
Unit: mm

Typical Application:

Installed steam separator CEFI 32 on main pipeline from boiler room



Installed steam separator CEFI 32 before use steam



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