
T type filter basket



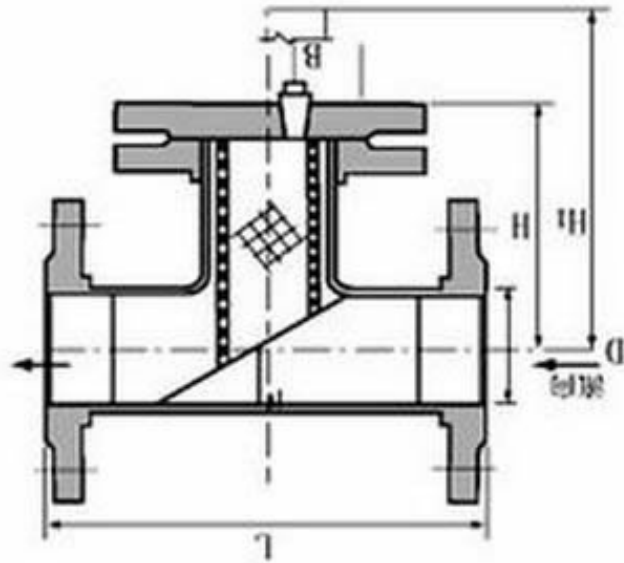
Working principle and characteristics

T type filter basket is the main part of the T type filter, generally used in the tubes with bigger diameter, the mesh inside is also available for cleaning and replacement. When the fluid enters the filter cartridge with a kind of mesh, the impurities are blocked, and clean filtrate been discharged from the filter outlet. When the basket needs cleaning, just take out the detachable cylinder, deal with it and then reload it.; Characteristics: compact structure, high filtration capacity, small pressure loss, wide application range, convenient maintenance and economic, etc.

Application:

1. The weak corrosive materials used in the chemical industry and petrochemical production, such as: water, oil, ammonia, hydrocarbons, etc.
2. Corrosive materials used in the chemical industry production, such as: caustic soda, soda ash, concentrated sulfuric acid, dilute sulfuric acid, carbonic acid, aldehyde acid, etc.
3. Refrigeration materials at low temperature, such as: liquid methane, liquid ammonia, liquid oxygen and different refrigerants.
4. Materials with sanitary requirements in food and pharmaceutical production, such as: beer, beverages, dairy products, syrup, etc.

Structure and application device:



Mesh choice

The main consideration is the particle size of the impurities, determined based on the technical requirements of the media process. Various sizes details please check the below table:

Mesh	Wire diameter mm	Impurity particle sizes interception μm	Open area (%)
10	0.508	2032	36
12	0.475	1660	39
14	0.376	1438	37
16	0.315	1273	35
18	0.315	1096	39
20	0.273	955	33
22	0.234	882	31
24	0.234	785	44
26	0.234	743	41
28	0.234	673	44
30	0.234	614	47
32	0.234	560	50
36	0.234	472	54
38	0.234	455	54
40	0.193	442	51
50	0.152	356	50
60	0.122	301	49
80	0.102	216	53
100	0.081	173	54
120	0.081	131	62
150	0.065	104	31
200	0.050	74	33
300	0.035	44	30

Product link : <https://www.fldfilter.com/t-type-filter-basket.html>