

IC 409 Stainless Steel Large Cake Filter

IC 409 stainless steel large cake filters are used to separate solid particles and magazines from fluids to improve product purity.

Filter No	Dimensions										
	A				B				C	D	E
	10"	20"	30"	40"	10"	20"	30"	40"			
IC409-01	655	905	1160	1410	395	645	895	1145	150	204	320
IC409-02	665	915	1180	1430	400	650	900	1150	150	219	340
IC409-03	708	958	1208	1458	413	663	913	1163	150	273	390
IC409-04	723	973	1223	1473	420	670	920	1170	150	300	420
IC409-05		988	1238	1488		676	926	1176	150	325	450
IC409-06		1045	1295	1545		695	945	1195	150	400	520
IC409-07		1075	1325	1575		701	951	1201	150	426	550
IC409-08			1375	1625			957	1207	150	450	570
IC409-09			1360	1610			970	1220	150	500	620
IC409-10			1390	1640			980	1230	150	550	670
IC409-11			1425	1675			995	1245	150	600	720
IC409-12			1465	1715			1007	1257	150	650	770
IC409-13				1790				1282	150	750	870

Operating Principles

When the filter works, the water to be filtered enters from the water outlet, flows through the filter screen and enters the pipeline required by the user through the outlet for process circulation, and the particles and impurities in the water are trapped inside the filter screen. With such a continuous cycle, more and more particles are retained and the filtration speed becomes slower and slower, while the imported sewage still enters continuously, the filter hole will become smaller and smaller, thus generating a pressure difference between the inlet and outlet, and when the large difference reaches the set value, the differential pressure transmitter transmits an electric signal to the controller, and the control system starts the drive motor to drive the shaft rotation through the transmission component, while the discharge port opens and is discharged by the discharge port. When the filter is cleaned, the differential pressure drops to the minimum value and the system returns to the initial filtration state, and the system operates normally.

Applications

Weakly corrosive materials in petrochemical production, such as: water, ammonia, oil, hydrocarbons, etc.

Corrosive materials in chemical production, such as: caustic soda, soda ash, concentrated, dilute sulfuric acid, carbonic acid, acetic acid, ester acid, etc.

Low temperature materials in refrigeration, such as: liquid methane, liquid ammonia, liquid oxygen and various refrigerants.

Light industry, food, pharmaceutical production of materials with health requirements, such as: beer, beverages, dairy products, grain pulp, medical supplies, etc.

We are professional manufacturers of IC 409 stainless steel large cake filter, we specialize in tank equipments for more than 15 years!