

1998

SINCE

PROVIDE PROFESSIONAL FILTRATION SOLUTIONS FOR GLOBAL CUSTOMERS



ELECTRICITY



WATER TREATMENT



SHIP



AVIATION & AEROSPACE



MECHANICAL/METALLURGY



PETROCHEMICAL



CLEAN ENERGY



FINE CHEMICALS



CONTACT: +86-373-5128206



No.001,Jingfang Road, Economic & Development Zone, Xinxiang City Henan Province.China

FAX : +86-373-5419586 / EMAIL: amy@aida-machinery.com / WEB : www.lvdafilter.com

GLOBAL LEADING TECHNOLOGY
FROM FIRST-CLASS QUALITY



TECHNOLOGY



FILTRATION



PURIFICATION



FULLY AUTOMATIC BRUSH TYPE SELF-CLEANING FILTER

A variety of fully automatic self-cleaning filters suitable for harsh environments can be equipped with 25 micron - 3500 micron filtration mesh for different working conditions, and filters of different materials can be selected according to the characteristics of the material. The caliber can be 2"-36", and the corresponding caliber can be selected according to the flow rate.

WORKING PRINCIPLE

When the pressure difference between the inlet and outlet of the filter reaches the preset value, the filter will start the self-cleaning process. The whole self-cleaning process includes two steps: Open the drain valve located on the upper end cover of the filter; The motor drives the stainless steel brush in the main body filter to rotate, and the impurities captured by the filter are brushed down by the steel brush or scraper and discharged from the drain valve. The entire cleaning process takes about 15-60 seconds, the system is constantly flowing during cleaning, and the entire running process of the filter is controlled by a random equipped control box.

PERFORMANCE CHARACTERISTICS

- **UNINTERRUPTED WATER SUPPLY:** The amount of water during cleaning is very small, which is 1% of the water output of the filter. The flushing time is 15 to 60 seconds, and the entire system is supplied with uninterrupted water.
- **HIGH FILTRATION PRECISION:** The ultra-high filtration precision can reach 25 microns, and there are filtration mesh of various precisions for you to choose.
- **LARGE FILTRATION AREA:** The effective filtration area of the standard filtration mesh is 7 to 40 times that of the inlet area.
- **Reliable cleaning:** There are a variety of control methods, manual, differential pressure, time, PLC program logic control and other options.
- **ECONOMICAL AND SIMPLE INSTALLATION:** various structures and forms, suitable for installation in various situations on site, without affecting the operation effect.
- **LONG SERVICE LIFE:** The normal lifespan is more than 10 years. The filter screen is stainless steel. According to the needs, the filter screen of different specifications can be easily replaced.

COMPREHENSIVE PARAMETERS

OPERATING FLOW: 50-2500m³/h

ULTRA-LOW WORKING PRESSURE: 2bar

ULTRA HIGH WORKING PRESSURE: 16bar (230psi)

FILTER AREA: 3000cm²-20000 cm²

INLET/OUTLET DIAMETER: DN50-DN900

ULTRA-HIGH OPERATING TEMPERATURE: 80° C

Customizable beyond this range

Electric valve available below 2bar

High pressure can be customized

Can be customized according to user requirements

Design flange standards include national standard,

American standard, German standard, Japanese standard

Above this temperature please specify

CLEANING PARAMETERS

DRAIN VALVE: DN25; DN50; DN80;

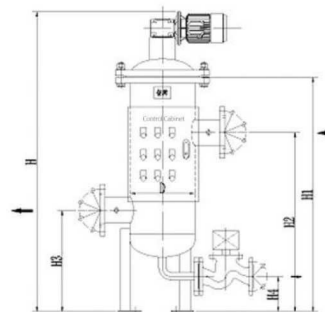
CLEANING TIME: 15-60S

WATER CONSUMPTION PER CLEANING: ≤1%



ADSQ-E SERIES IS A LOW BLOWDOWN TYPE SUITABLE FOR FILTERING GRAVITY PARTICLES (PARAMETER SIZE)

MODEL	H	H1	H2	H3	H4	D	SEWAGE OUTLET	MOTOR POWER
Unit	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(DN)	(KW)
DN40	1100	750	610	420	150	273	dn25	370
DN80	1210	880	730	420	150	273	dn25	370
DN100	1370	1040	880	420	150	273	dn25	370
DN200	1900	1500	1250	620	160	530	dn40	550



ADSQ-F SERIES IS A TOP BLOWDOWN FORM SUITABLE FOR FILTERING SUSPENDED PARTICLES (PARAMETER SIZE)

MODEL	H	H1	H2	H3	L	D	SEWAGE OUTLET	MOTOR POWER
UNIT	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(DN)	(KW)
DN40	840	510	350	680	260	273	dn20	250
DN80	950	620	450	760	260	273	dn25	250
DN100	1110	780	450	920	260	273	dn25	370
DN200	1385	1010	500	1205	405	530	dn40	550

