

Basket Filter Instructions

Features

- 1)The outer walls are smooth. The protecting coating is made of vinyl and gelcoat. For other models, the in-wall is made of vinylite, which is smooth and has strong resistance to corrosion.
- 2)Movable screw is set to facilitate installation or cleaning.
- 3)A 63mm drain outlet is set at the bottom, which can efficiently reduce the frequency of taking out baskets for cleaning.
- 4)Testing pressure 4.0bar.



Function

It is set between the water inlet of the pump and the pool with the function of filtering relatively big solid impurities in liquid, so as to make the machine, equipment and instruments etc work and operate normally, stabilize the process and ensure the safety in production.

Installation of the Basket Filter

- 1) Instruction of Installation: The standard of flange connection: HG20592. PN10MPa, the size of drain pipe: GB63.
- 2) N1 is the water inlet, which is connected to the pool; N2 is the water outlet, which is connected to the water inlet of the water pump; drain pipe is connected with municipal drainage. Connect pipes according to the above mentioned connecting instructions.
- 3) Put the filtration basket on the appropriate position and ensure that the sump bucket insert into the water outlet.
- 4) Make sure that the rubber ring install properly, at the same time tighten the screws .
- 5) Make sure that the whole system has been connected properly, start the pump to test or use directly.

6) If much filth is found in the filtration basket when inspected through perspective mirror, switch off the water pump and the valves of water inlet and outlet, open blow-down valve and discharge filth. after that, close the blow-down valve, open the valves of water inlet and outlet and then start the water pump again.

Regulation

- 1) Before starting the water pump, ensure that the blow-down valve is closed.
- 2) The water pump should be switched off when discharging filth.
- 3) If the filth in the filtration basket cannot be discharged through many times of discharging, take out the filtration basket for cleaning.

Specifications

Model	DIA A (mm)	Length B (mm)	Height C (mm)	DIA D (mm)	Length E (mm)	Length F (mm)	Inlet Flange N1 GB(mm)	Outlet Flange N2 GB(mm)	Flow Rate (m ³ /h)
MER150-100S	565	965	981	440	310	593	150	100	123
MER200-150S	565	985	1113	440	354	705	200	150	192
MER250-200S	615	990	1260	490	468	837	250	200	301
MER300-200S	615	990	1260	490	468	837	300	200	447

