

Basket Filter Instructions



Features

- 1)The inner and outer walls of MER400 200 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) Drainage is set at the bottom of MER400 200 .For other models, A 63mm drain outlet is set at the bottom, which can efficiently reduce the frequency of taking out baskets for cleaning
- 4)Filter basket perspective mirror is set to facilitate the observation of the filtering
- 5)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: GB50
- 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. (MER400-200 ignores this item)

- 4) Make sure that the rubber ring install properly, lid the acrylic lid and FRP lid and 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 (MER400-200 should take out the basket and clean it). 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 (MER400-200 ignores this item)
- 2) The water pump should be switched off when discharging filth (MER400-200 ignores this item)
- 3) If the filth in the filtration basket cannot be discharged through many times of discharging, take out the filtration basket for cleaning. (MER400-200 ignores this item)

Specifications

Model	Diameter A mm	Length B mm	Height C mm	Diameter D mm	Length E mm	Length F mm	Inlet Flange N1	Outlet Flange N2	Max Flow Rate (m ³ /h)
MER100-100	445	830	800	320	310	513	4inch	4inch	58
MER150-100	565	961	930	400	310	583	6inch	4inch	123
MER200-150	565	983	1072	400	354	705	8inch	6inch	192
MER250-200	615	929	1173	450	468	837	10inch	8inch	301
MER300-200	615	929	1173	450	468	837	12inch	8inch	448
MER400-200	670	950	1195	512	468	690	16inch	8inch	771

