

## 篮式过滤器说明书

### Basket Filter Instructions



#### 产品特点 Features

- 1) MER400-200内外壁光滑，防腐层用胶衣加乙烯基树脂制作。其它型号内壁光滑，用乙烯基树脂制作，抗腐蚀能力强
  - 2) 设置活动螺杆，方便安装或清洁
  - 3) MER400-200底部设置底排水，其它型号底部设置63mm排污口，有效减少取篮子清洁的次数
  - 4) 设置过滤篮透视镜，方便观察过滤情况
  - 5) 测试压力4.0bar
- 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

#### 作用 Function

置于水泵进水口和水池中间，起到滤除流体中较大的固体杂质，使机器设备、仪表等能正常工作和运转，达到稳定工艺过程，保障安全生产的作用

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

#### 篮式过滤器的安装 Installation of the Basket Filter

- 1) 法兰连接标准：HG20592. PN10MPa，排污管接管尺寸GB50
- 2) N1为进水口，连接水池；N2为出水口，连接水泵进水口；排污管接到市政排水；按上述接法连接好管道
- 3) 将过滤篮放到相应位置，并确保集污斗插入排水管内 (MER400-200忽略此项)
- 4) 确认胶圈安装妥当，盖上亚克力盖子及FRP盖子，同时锁紧螺丝
- 5) 确认整个系统已连接妥当，开泵调试或使用
- 6) 当从透视镜检查过滤篮中脏污较多时，关闭水泵和进出水口阀门，打开排污阀，将脏污排出；( MER400-200 须取出篮子清洁)，排污完成后，关闭排污阀，打开进出水口阀门，再开启水泵

- 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.

### 注意事项 Regulation

- 1) 启动水泵之前，确保排污阀处于关闭状态 (MER400-200忽略此项)
- 2) 排污时要关闭水泵 (MER400-200忽略此项)
- 3) 当多次排污都无法排出过滤篮里面的脏污时，需将过滤篮取出清洗 (MER400-200忽略此项)
- 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)

### 产品规格 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 <sup>3</sup> /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

