


## Technical information ▶ M 4500

Article-No Messner 156/001389  
 EAN-Code 40 16881 00588-7



### Technical data

Flow rate 4.380 l/h | 73 l/min  
 Head 3,2 m  
 Power consumption 75 watts  
 Supply voltage 230V/50Hz  
 Connection cable 10 m  
 Weight 2,2 kg  
 Guarantee 3 Years (not in case of natural wear, for example rotor)  
 Certificate   
 Impeller Vortex  
 Motor Synchronous motor (magnetic pumps)

### Material

Pump plastic housing (embedded in a block of plastic resin)  
 Bearing steel-plastic  
 Connection cable H05 RN-F

### Masurements

Pump 223mm x 131mm x 135mm (lxwxh)  
 Carton 250mm x 175mm x 200mm (lxwxh)  
 Outlet 3/4" - male thread  
 Intake Ø 32mm

**Extent of delivery** Filter cap, filter sponge, telescope, socket 1/2", flow adjuster 3/4" - 1/2", volcano jet 2-tiered, ring jet, bell jet, hose nozzle Ø 20+25 mm

## System



### Article-Numbers Spare parts

1| 168/009109  
 2| 168/009079  
 3| 168/009110  
 5| 168/009113  
 6| 168/009081  
 7| 168/009088

### ▶ Performance

Head	Flow rate
3,2m	0 l/h
2,8m	540 l/h
2,4m	1.080 l/h
2,0m	1.620 l/h
1,6m	2.160 l/h
1,2m	2.700 l/h
0,8m	3.240 l/h
0,4m	3.840 l/h
0m	4.380 l/h

