



DOUBLE-CHANNEL submersible pumps for sewage water

DOUBLE-CHANNEL submersible pumps for professional use. Particularly efficient and reliable, with generous motor specification and hard-faced mechanical seal.



RANGE OF PERFORMANCE

Flow rate up to 211gpm
Head up to 49 ft

LIMITS OF USE

Depth up to 15 ft
Liquid temperature up to 104°F
Passage of suspended solid bodies up to 2"
For continuous duty: minimum immersion 11" from pump base

CONSTRUCTION AND SAFETY STANDARDS

| | |
|-------------|------------|
| EN 60 335-1 | EN 60034-1 |
| IEC 335-1 | IEC 34-1 |
| CEI 61-150 | CEI 2-3 |



INSTALLATION AND USE

MC SUBMERSIBLE PUMPS ARE RECOMMENDED FOR DRAINING DIRTY WATER AND SEWAGE IN THE DOMESTIC AND CIVIL SECTORS. THEY ARE EQUIPPED WITH A "DOUBLE-CHANNEL" STAINLESS STEEL IMPELLER WHICH ALLOWS THE PUMPING OF LIQUIDS CONTAINING SUSPENDED SOLID BODIES WITH DIMENSIONS UP TO Ø 2 plg AND SHORT FIBRES. THEY ARE IDEAL FOR PUMPING DRAINAGE WATER, SEWAGE OR WASTE WATER FOR A SINGLE DWELLING, AND FOR CLEARING SUFACE OR NUISANCE WATER, EVEN IF MUDDY. THESE PUMPS ARE OUTSTANDING IN THEIR RELIABILITY IN FIXED INSTALLATIONS WITH AUTOMATIC OPERATION.

GUARANTEE 2 YEARS subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

- **DELIVERY BODY:** cast iron, with threaded port
- **MOTOR CASING:** stainless steel AISI 304.
- **Base:** stainless steel AISI 304.
- **IMPELLER:** double-channel in stainless steel AISI 304.
- **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
- **DOUBLE SEAL:** mechanical seal **silicon carbide - NBR**, with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.
- **MOTOR:** submersible asynchronous for continuous duty.
 - MC:** single-phase 115V or 230V - 60 Hz with capacitor and thermal overload protector.
 - MC:** three-phase 230V - 60 Hz.
- **INSULATION:** class F. • **PROTECTION:** IP 68.

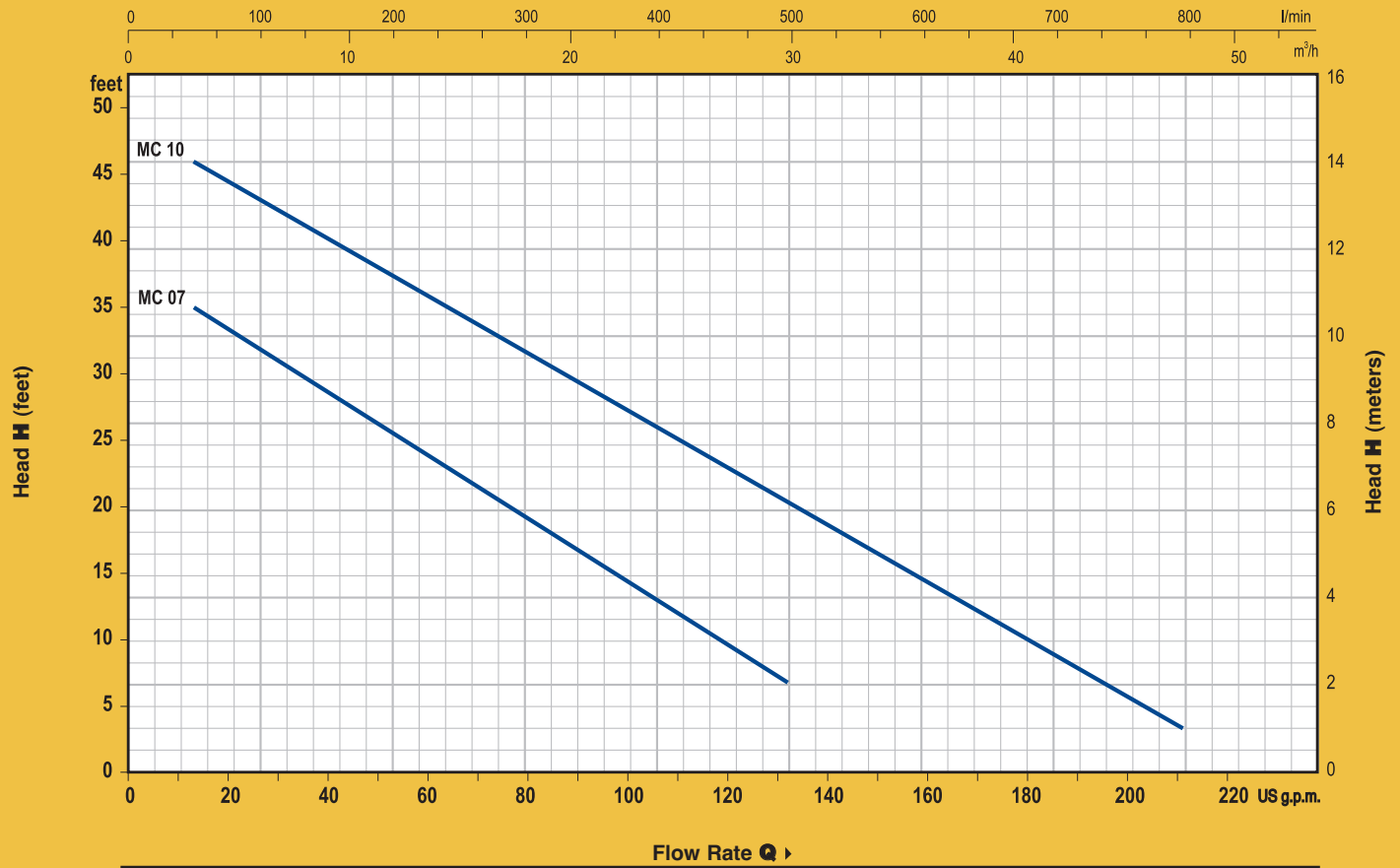
STANDARD FEATURES:

- MC** (single-phase) Float switch.
Neoprene power cable "H07 RN-F"
length 15 ft
- MC** (three-phase) Neoprene power cable "H07 RN-F"
length 15 ft

OPTIONS ON REQUEST

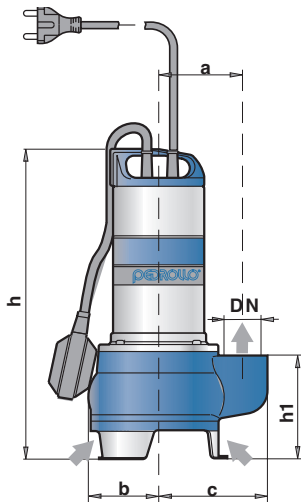
- ⇒ 30 ft power cable.
N.B. required for outdoor use to comply with standard EN 60335-2-41
- ⇒ control box for three-phase pumps 1 Hp
- ⇒ single-phase pumps without float switch
- ⇒ other voltages or frequency 50 Hz

CURVES AND PERFORMANCE DATA

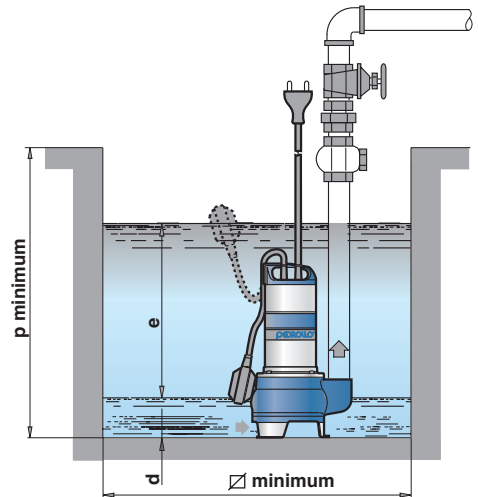


| MODEL | | HP | FLOW RATE GPM | | | | | | | | | | | | | | | | |
|-------|-------|-----|---------------|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|--|--|--|
| 1 PH | 3 PH | | 0 | 13 | 26 | 39 | 52 | 66 | 79 | 92 | 105 | 119 | 132 | 158 | 185 | 211 | | | |
| MC 07 | MC 07 | 0.7 | H Feet | | | | | | | | | | | | | | | | |
| MC10 | MC 10 | 1 | 39 | 35 | 32 | 29 | 26 | 22 | 19 | 16 | 13 | 10 | 7 | | | | | | |
| | | | 49 | 46 | 43 | 40 | 38 | 34 | 32 | 29 | 26 | 23 | 20 | 15 | 9 | 3 | | | |

DIMENSIONS AND WEIGHT



Typical single-phase installation



| MODEL | | DISCH DN | Passage of Solid bodies | DIMENSIONS INCHES | | | | | | | | | LBS | |
|-------|-------|-------------|----------------------------|-------------------|------|------|-------|------|------|------------|------|------|------|------|
| 1 PH | 3 PH | | | a | b | c | h | h1 | d | e | p | ∅min | 1~ | 3~ |
| MC 07 | MC 07 | 2" | 2" | 43.3 | 35.4 | 59.1 | 161.4 | 60.2 | 21.7 | Adjustable | 19.7 | 19.7 | 31.6 | 29.4 |
| MC10 | MC 10 | | | 47.2 | 14.6 | 64.2 | 169.3 | 62.2 | 25.6 | | | | 36.5 | 31.6 |