

BLAIRS dirty Water Submersible pumps with open impeller are suitable to lift waste liquids even with suspended solids. Pumps have been developed with the most advanced and sophisticated engineering and it has the possibility to operate also if partially submerged. The total absence of screws and motor cover in stainless steel one of the most technological advanced pumps available in the market. Max. Free passage of Grain size up to Ø 30 mm.

APPLICATION

BLAIRS submersible draining pumps is suitable for automatic fixed domestic applications and for draining cellars and garages subject to flooding, also particularly useful as a portable pump for emergencies such as draining waste from tanks or rivers, emptying muddy swimming pools, fountains or excavations and subways. These pumps can lift liquids even with suspended solids in sewage water from septic tank. Level float switch offers permanent and automatic pump operation.

PERFORMANCE RANGE

Flow rate up to 225 l/min.(13.5m³/h)
Head up to 8 m

OPERATING LIMITS

Fluid temperature up to 35°C
Maximum ambient temperature 40°C

STRUCTURAL CHARACTERISTICS

Pump body, Impeller: Moplen
Impeller: Noryl
Shaft with rotor: stainless steel Aisi 420A
Mechanical seal: carbon–ceramics.
Motor casing: stainless steel
Continuous duty.
TYPE Con galleggiante with float switch

MOTOR

Built-in overload motor protector with automatic reset
Permanent split capacitor
Protection IP 68



MODEL	INPUT POWER (W)	MAX.FLOW (m ³ /h)	MAX.HEAD (m)
● MSP 400	400	9	6
● MSP 750	750	13.5	8

H=TOTAL HEAD IN METERS.

Q=FLOW RATE

PERFORMANCE CHART AT n=2900rpm

