

HYDROMATIC[®] SP50AB SUBMERSIBLE SEWAGE EJECTOR PUMP

SP50AB

Submersible Sewage Ejector Pump

The Hydromatic SP50AB submersible pump is specifically designed to meet the demands of handling wastewater and sewage in residential and commercial building applications. The 2 inch NPT discharge pump (3 inch discharge optional) is available with a powerful 1/2 horsepower motor, which can handle capacities up to 150 gallons per minute and heads to 29 feet.

The SP50AB features a heavy-duty bronze construction that provides durability in rugged applications, as well as assists in dissipating heat from the motor, for cooler operation. It is also available in an all cast iron model. The pump's high-capacity, nonclog, bronze impeller which is threaded to a stainless steel shaft provides long life even in demanding applications and is capable of handling up to 1-1/2 inch spherical solids and lint. The SP50AB also features precision, carbon- and ceramic-faced mechanical shaft seals that are extensively lapped, providing for a long, leakproof life.

The SP50AB's oil-filled motor provides superior cooling characteristics, allowing the motor to run cool and quiet for years. This oil-filled design also provides permanent lubrication of the shaft bearings, minimizing maintenance and extending the service life of the pump. In addition, to protect against overheating, the motor windings contain an automatic reset thermal overload (1 \emptyset).

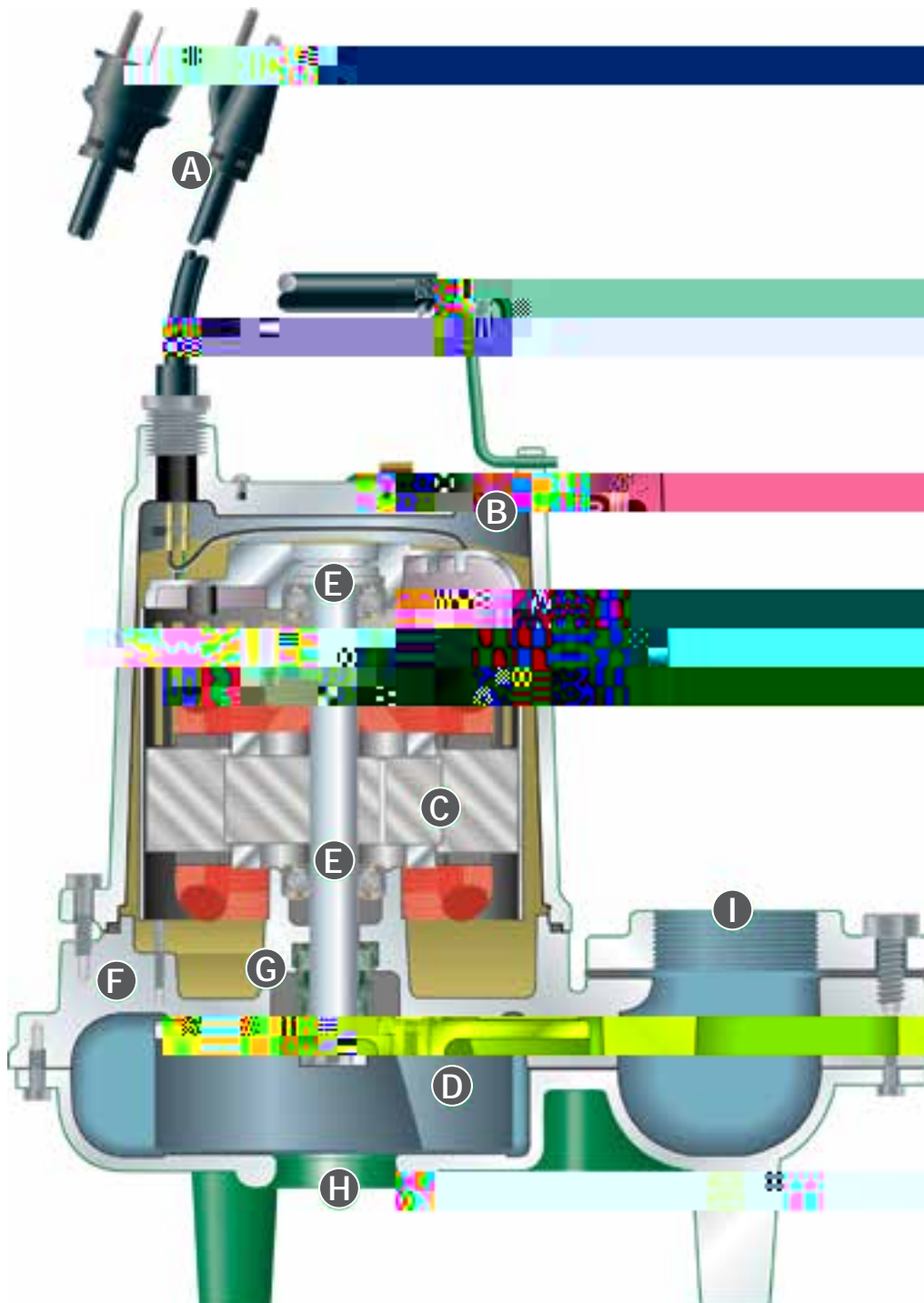
The water level is controlled by Hydromatic's proven diaphragm type pressure switch, which is sealed in a watertight bronze housing. Double diaphragm construction prevents liquid or foreign matter from entering switch.

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A Water-resistant power cord with molded plug is 20 feet long and is easily field serviceable.

B Oil-filled motor provides superior cooling and permanent lubrication of bearings, minimizing maintenance and extending service life.

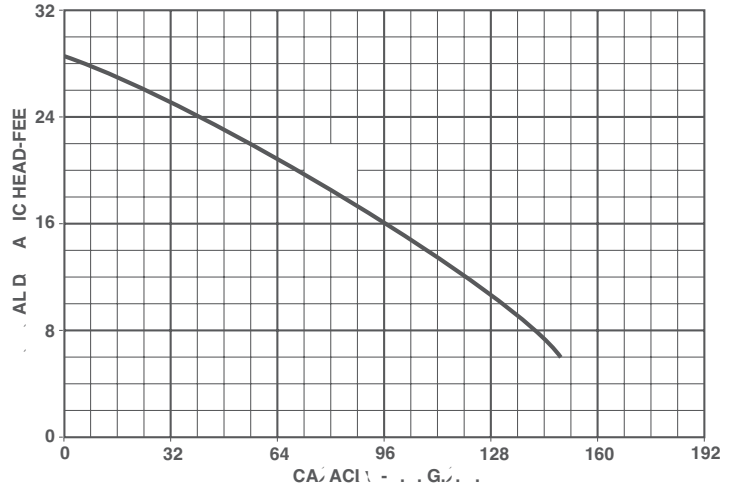
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SP50AB

PUMP CHARACTERISTICS

PERFORMANCE DATA



DIMENSIONAL DATA

MATERIALS OF CONSTRUCTION