

MYERS® 3" NON-CLOGS

SEWAGE PUMP LIFT-OUT RAIL SYSTEMS SPECIFICATIONS

(FOR PUMP MODELS MWH50, MW100-200, WHR, WHRH, 3MW)

GENERAL

Furnish and install a complete non-clog sewage pumping system consisting of: _____ (qty) Myers _____ (model number) submersible non-clog sewage pumps and SRA-300 lift-out rail systems, valves, controls, access cover(s) and all other appurtenances to make a complete system.

COMPONENTS

Each lift-out system shall consist of a cast iron discharge base, cast iron pump carrier and sealing plate, steel pump guide plate, and cast iron elbow. All exposed nuts, bolts, and fasteners shall be 300 series stainless steel.

ELBOW

Discharge elbow shall be 3" x 3" and shall be integral to the base assembly.

SEALING

A sealing plate shall be threaded to the pump. A simple downward sliding motion of the pump and guide plate on the guide rails shall cause the unit to be automatically connected and sealed to the base. The open face of the sealing plate shall have dove-tailed groove machined into the face to hold a sealing "o"-ring. The "o"-ring shall provide a redundant leak-proof seal at all operating pressures.

GUIDE RAILS

Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 3/4" schedule 40 _____ galvanized or _____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems which require the pump to be supported by legs which might interfere with the flow of solids into the pump suction will not be considered equal. The guide rails shall be firmly attached to the access hatch frame. Systems deeper than 10 feet shall use an intermediate guide for each 10 feet of wetwell depth.

LIFTING CHAIN

An adequate length of _____ galvanized or _____ stainless steel lifting chain shall be supplied for removing pump. The chain shall be of sufficient length to provide ease of pump removal.



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.