

## 700 SERIES MODULAR PUMP PADS



The H<sub>2</sub>OBBS 700-Series consists of pre-engineered & pre-fabricated pump pad systems designed for installation in mechanical equipment rooms on projects where an underground pumping station is not feasible. Each Modular Pumping Pad arrives at the jobsite pre-assembled, pressure-tested, and ready to accept fountain interconnecting piping and conduits. This concept allows a single source responsibility for the total fountain package. The mechanical and electrical support equipment is factory assembled onto a 7-gauge, type 304, stainless steel pump pad. Each pad has (2) 2" turn-down anchoring flanges with 9/16" holes for securing to the floor. The pump pads generally range in size from approximately 2' x 4' to 5' x 5'.



H<sub>2</sub>OBBS Modular Pump Pads  
Pre-Engineered  
Pre-Assembled  
Factory Tested



700-Series Pump Pad with sand filter option.

The required pumping system will be designed in accordance with the fountain's aesthetic requirements. In many cases the display pump is also utilized to operate the filtration system. In situations where the display pump cannot accommodate the filtration requirements, a second pumping pad will be added for the filtration function.

Each H<sub>2</sub>OBBS 700-Series Modular Pumping Pad is designed and manufactured with the following equipment as basic standards. Modification to the standard equipment is provided to meet your project requirements.



All H<sub>2</sub>OBBS Pumping Pads are factory tested prior to shipment.

The Filtration System utilizes a cartridge filter (25GPM to 155GPM capacity) consisting of:

- ◆ Type 304 Stainless steel canister with non-woven polyester cartridge element
- ◆ Automatic air relief
- ◆ Stainless steel lid with brass wing nuts for easy disassembly and cleaning
- ◆ Bottom-mounted inlet and outlet, 2" MIP stainless steel nipples
- ◆ Electro-polished for increased resistance to corrosion
- ◆ Includes spare cartridge element to reduce down time during filter cleaning

Fill/Level Water Control Manifold with nominal pipe sizes of 3/4", 1", or 1-1/2", depending on the fountain size, consists of the following:

- ◆ Type "K" copper construction
- ◆ "Quick-fill" ball valve (bronze body)
- ◆ Backflow preventer (bronze body, Watts #007 double-check valve style; four test port valves)
- ◆ Pressure gauge (0-100 psi scale)
- ◆ Pressure reducing valve (bronze body with integral strainer and union connection)
- ◆ 3/4", 120 volt, single phase, slow-closing "make-up" solenoid valve (bronze body construction with NEMA 4 coil enclosure)
- ◆ Isolation ball valve on 3/4" and 1" versions. 3/4" hose bib for convenient water source and 3/4" check valve on 1-1/2" versions.

U.L. Listed Electrical Control Panel:

- ◆ NEMA 1, 3R, 12, or custom enclosures
- ◆ Main disconnect for power supply
- ◆ Panel board with circuit breakers
- ◆ Magnetic motor starter(s)
- ◆ H-O-A selector switches w/pilot lights for the pump(s), vent fan and fountain lighting
- ◆ 24-hour programmable time clock that is designed for two channel operation
- ◆ Can be mounted to the pump pad or shipped loose for placement on equipment room wall or in a remote location.