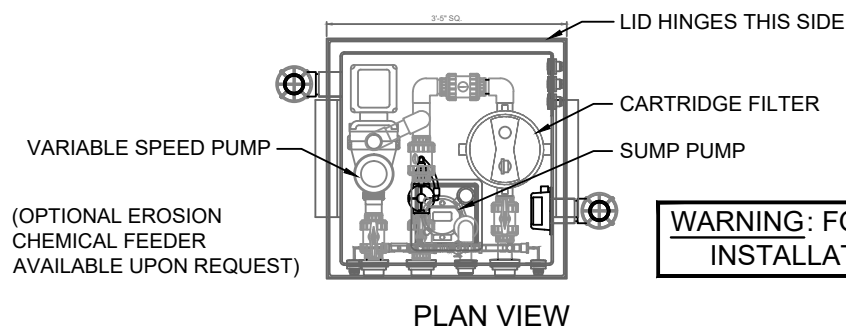
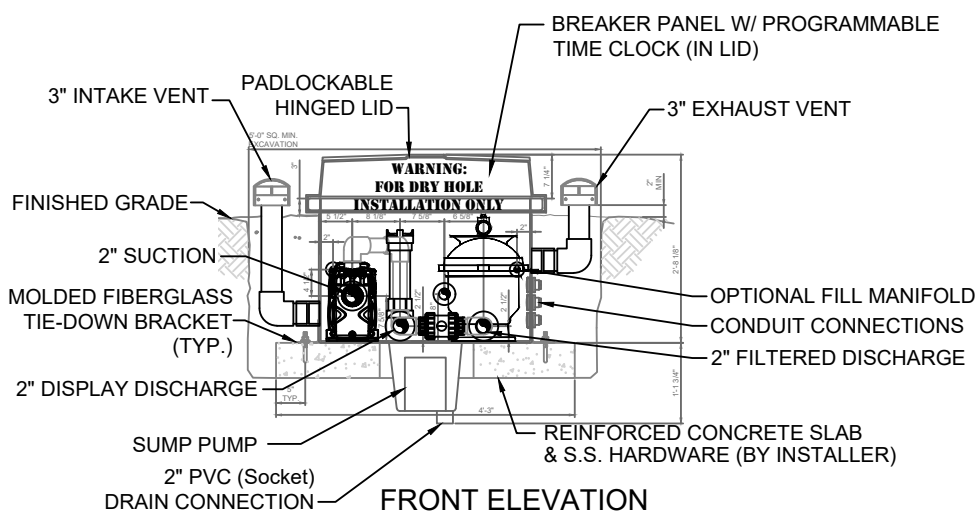


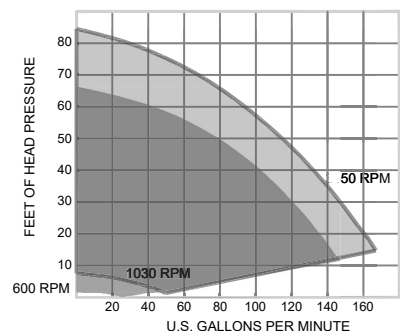
IDBV-100 SERIES (3x3)



TECHNICAL DATA		
MODEL #	PUMP HP	AVAILABLE SYSTEM POWER OPTIONS
IDBV-100-2	1.7	120/208-240V, 1PH or 3PH
IDBV-100-3	2.7	120/208-240V, 1PH or 3PH

*NOTE THREE-PHASE VAULTS REQUIRE A U.L. 508 LISTED CONTROL PANEL UPGRADE.

2.7 HP VARIABLE SPEED FOUNTAIN PUMP
1.65 HP VARIABLE SPEED FOUNTAIN PUMP



SPECIFICATION DATA: The Series 1 In-Ground Pump Vault features a heavy-duty FRP vault measuring 3'-5" square by 2'-8" deep, constructed with a white gel-coated interior and a brown gel-coated exterior for enhanced durability. It is furnished with a 36" square fiberglass-reinforced plastic lid, secured by a stainless steel piano hinge and lock hardware (lock provided by the installer). Housed inside is a self-priming, variable-speed display and filtration pump with an integral suction strainer. The system also includes an ICCF-050, 50 square foot cartridge filtration unit designed for effective water clarity and debris removal. Ventilation is provided through 3" vent connections paired with a 105 CFM vent fan, while a 2" floor drain ensures proper drainage within the vault. The electrical system consists of an ICCP or ILCP UL508A custom control panel, or an optional ITC-PCLC panel, which includes UL-listed time clocks and power distribution breakers with Class A GFCI protection where required. The vault is fully pre-wired and pre-plumbed using Schedule 80 PVC and is factory tested prior to shipment to ensure quality and reliability.

DESIGN/APPLICATION DATA: Ideal Fountains IDBV-100 series In-Ground Pump Stations offer a compact solution for smaller fountain projects where traditional concrete vaults are not feasible and indoor mechanical space is limited. Each system is pre-assembled and thoroughly tested at the factory to streamline installation and reduce ongoing maintenance requirements. Optional accessories such as a fill manifold, GFCI-protected lighting circuit, and erosion feeder are available upon request. Please contact Ideal Fountains for more information or to discuss specific project needs.

- NOTES:**
- Information on this sheet represents manufacturers' typical unit. Variations may occur in specified unit to meet fountain design and mechanical requirements.
 - Hatch opening must be located in flood-safe area.
 - Slope finished grade away from pump module.
 - Protect pump module gravity drain from back flow and gas.
 - Top of pump module must be at, or below lowest pool water level.

