

The Skid-Pak™ with its integral cartridge filter is a cost-effective pre-engineered equipment package for small to medium water features. Its small footprint requires minimal equipment room space and its efficient layout makes it easy to maintain and service.

## Standard Features:

- Single piece, all welded steel frame with integral mounting pads and a corrosion resistant finish.
- 50 square foot cartridge filter with spare element for fountains up to 7,500 gallons.
- Thermally protected pump.
- All necessary isolation and check valves.
- Pressure gauge.
- Power distribution panel and time clock.
- Skid mounted maintenance procedures for all equipment.

## Optional Features:

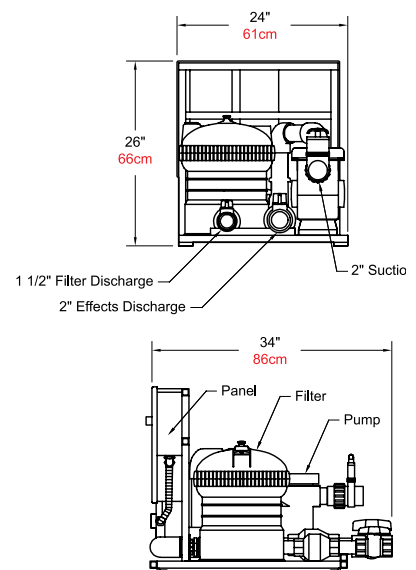
- To add one 120 volt GFCI protected lighting circuit (rated at 1,800 watts) with one time clock, add suffix -L1 to catalog number.
- To add two 120 volt GFCI protected lighting circuits (rated at 1,800 watts each) with one time clock, add suffix -L2 to catalog number.

**Note:** Add 20 amps for each lighting circuit added to Required Amperage listed in chart, below.

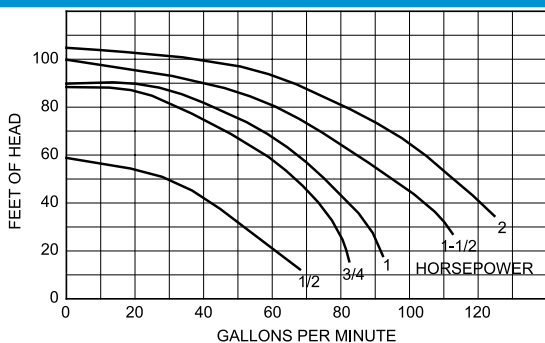
## To Select the Appropriate Vault-Pak™:

1. Determine the total flow requirement by combining the total flow rate (GPM) required by all nozzles, then add 20 GPM for the filter, plus a 10% safety factor.
2. Determine the total pump pressure requirement by taking the single highest nozzle head pressure requirement and adding a system friction loss allowance. An allowance of 25 feet of head pressure is adequate for simple piping systems with piping runs no longer than 75 feet. If the fountain system contains pools of different elevations, long piping runs, or more than a few nozzles, it is recommended that the pump pressure requirement be fully calculated.
3. Locate the point on the performance chart where the total flow determined in Step 1 and the total head pressure requirement determined in Step 2, intersect. Any pump performance curve that passes above this point can be used. If this point is on or very near a curve, it is recommended that the next higher curve be used.

**Installation Information:** Provide adequate ventilation and drainage in the equipment room to protect it from moisture and excessive heat. Allow a minimum 12" clearance area around the skid for ease of installation and maintenance. Allow 36" in front of the panel for electrical code clearance. For additional information on selection and installation of equipment, see the Technical & Safety section.



## Pump Performance Curves:



## Data:

Model Number	Pump HP	Max GPM @ 50' Head	Max LPM @ 1.5 Bar	Required Amperage	
				115VAC/ 60 Hz	230VAC/ 60 Hz
PFF-AC050	1/2	30	113	10	5
PFF-AC075	3/4	65	246	14	7
PFF-AC100	1	75	283	16	8
PFF-AC150	1 1/2	85	321	20	10
PFF-AC200	2	110	416	n/a	12

Catalog #	
Details	
Project	
Prepared by	
Date	



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