

# BADU<sup>®</sup> Pro Series

## High Flow Replacement Pump



Our flagship pump, the BADU<sup>®</sup> Pro was designed with pool service pros in mind. A drop-in replacement for both the Hayward<sup>®</sup> Super Pump<sup>®</sup> and Pentair<sup>®</sup> SuperFlo<sup>®</sup>, it directly replaces the majority of pumps on the market.

### Features

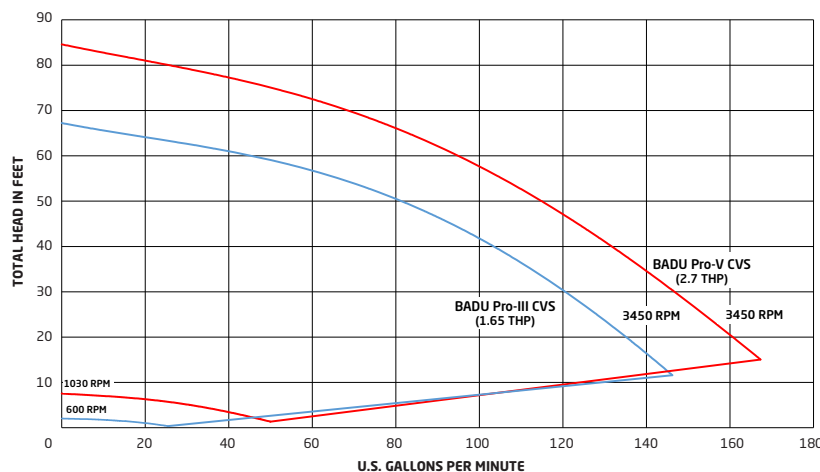
- The BADU Pro pump series saves you time & money while making your life simpler.
- Easily serviceable 4-bolt design & handle
- The BADU Pro is available with the following motor options:
  - Single Speed, Single Phase (0.98 & 1.13 THP)
  - Single Speed, Three Phase (0.80 to 3.45 THP)
  - Variable Speed, Single Phase (1.65, 2.25 & 2.7 THP)
- Lock ring that incorporates handles. These handles provide the user with a convenient way to easily remove the lid.
- Suction and Discharge comes equipped with quick disconnect unions as well as internal threads for easy installation and maintenance.
- Every pump is performance tested before leaving the Speck factory.

### Features Specific to the BADU Pro (1.65 THP)

- The 56 frame models comes complete with our unique mechanical shaft seal that allows the pump, if mistreated, to run dry for up to one hour.
- 1.65 THP motor comes complete with built-in controller multi-speed control, ranging from 600 to 3450 RPM.
- Programmable high efficiency TEFC (totally enclosed fan cooled) maintenance-free permanent magnet brushless 56 frame motor with Class F insulation.
- Built-in timer (based on a 24 hour cycle).
- Digital inputs for compatibility with automation systems.

### Performance Curves

#### Variable Speed Models



BADU Pro-IV UVS

BADU Pro-II SSP

### Trademarks and Certifications



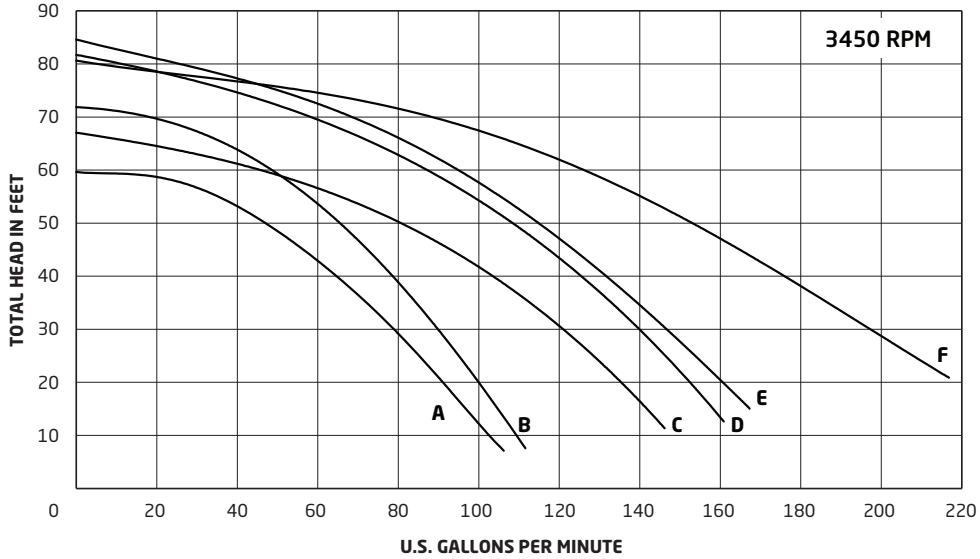
Select Models are ENERGY STAR certified

### Features Specific to the BADU Pro (2.7 THP)

- The 56 frame models comes complete with our unique mechanical shaft seal that allows the pump, if mistreated, to run dry for up to one hour.
- 2.7 THP Variable Speed motor with built-in easy to use controller LCD screen.
- RPM levels can be set to range from 600 to 3450.
- Programmable high efficiency TEFC maintenance-free permanent magnet brushless 56 frame motor with Class F insulation.
- Programmable auxiliary load feature.

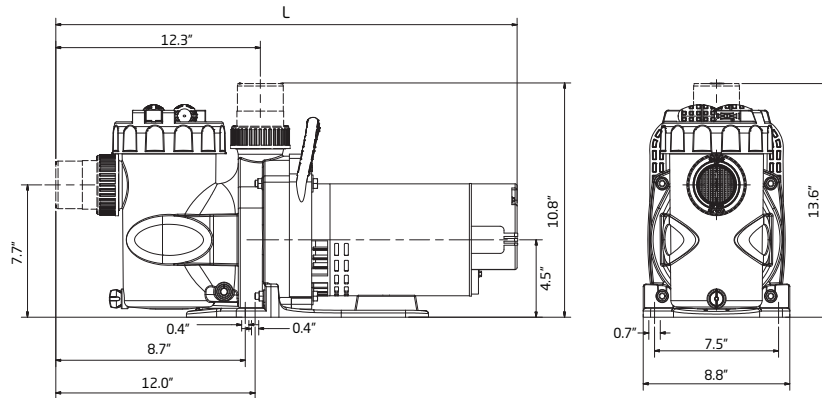
### Performance Curves

#### Single Speed Models



Model	Nominal HP	Service Factor	Total HP	Voltage	S.F. Amps	Curve Key
BADU Pro-I	0.75	1.25	0.98	230/115	5.4/10.8	A
BADU Pro-II	1.0	1.25	1.25	230/115	7.0/14.0	B
BADU Pro-III	1.5	1.1	1.65	230/115	7.7/15.4	C
BADU Pro-IV	2.0	1.1	2.25	230/115	10.8/21.6	D
BADU Pro-V	2.0	1.3	2.6	208-230	10.6-10.0	E
BADU Pro-VI	3.0	1.2	3.6	208-230	15.2-14.0	F

### Dimensional Drawing



Model	L** Length with Unions	L** Length without Unions
BADU Pro-I SSP	25.66"	22.68"
BADU Pro-II SSP	26.16"	23.18"
BADU Pro-III UVS (1.65THP)	25.40"	22.70"
BADU Pro-III SSP	26.41"	23.43"
BADU Pro-IV SSP	27.41"	24.43"
BADU Pro-V UVS (2.7 THP)	25.40"	22.70"

\*\* NOTE: Overall length (L) varies based on motor type (HP rating, three phase, single phase, single speed, or variable speed)