



PHCC Pro Series Sewage Pumps – E7 Series



E7055 – 1/2 HP
5340 GPH @ 10'
Pumps 6.4 gallons per watt hour (G/Wh)*

E7040 – 4/10 HP
4440 GPH @ 10'
Pumps 5.9 gallons per watt hour (G/Wh)*



E7055-USC3

Models available:

- E7055-NS, E7040-NS (no switch - pump only)
- E7055-VS, E7040-VS (includes vertical switch)
- E7055-USC3, E7040-USC3 (includes Ultimate Controller with Ultimate Sensor)



Available with:

- Ultimate Sensor with Ultimate Controller (USC3)
- Vertical Switch (VS)



E7040-USC3

- Handles 2" solids with 2" discharge
- Cast iron construction (E7055), cast iron/stainless steel (E7040)
- Energy efficient PSC motor
- Continuous duty rated
- Upper and lower ball bearings

- Dual carbon ceramic seals plus one Buna N seal
- Stainless steel fasteners
- 10' power cord
- 3 year warranty



Industrial Grade for the Residential Market

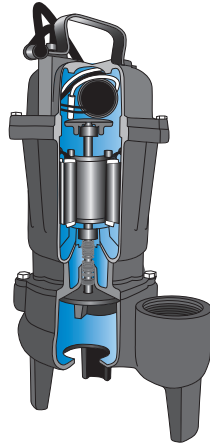
www.stopflooding.com 800-991-0466

*Simply stated, gallons per watt hour (G/Wh) links efficiency and performance by illustrating how many gallons of water are pumped using one (1) watt of electricity. For example, the PHCC Pro Series E7055 has a G/Wh of 6.4 @ 10' – pumping 6.4 gallons of water per watt-hour used. Capacities as of 2/2012.

PHCC Pro Series Sewage Pumps - E7 Series

Pump Features and Construction

- Cast iron construction (E7055), Cast iron/stainless steel construction (E7040)
- Energy efficient permanent split capacitor (PSC) motor
- Handles 2" solids with 2" discharge
- Continuous duty rated
- Water cooled motor
- Stainless steel (304) shaft and fasteners
- Dual carbon/ceramic shaft seals plus additional Buna N seal
- Upper and lower permanently lubricated ball bearings
- 3-Year warranty



Energy Savings

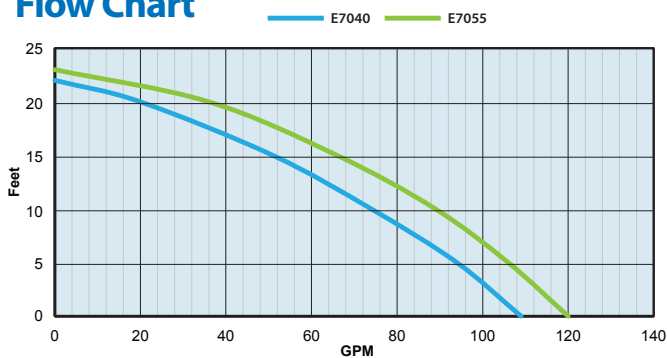
- E7040 will save an average \$42.31 per year, E7055 will save on average \$35.26 per year, (assumes industry average of 10.5 amps for 1/2 HP pumps, \$.12 per kilowatt hour and running time of 5 minutes per hour)



Specifications

| Pump | E7040 | E7055 |
|------------------------|---------------------|--------------------|
| Flow @ 10 ft Head | 4,440 GPH / 74 GPM | 5,340 GPH / 89 GPM |
| Max Head | 22 ft. (6.7 m) | 23 ft. (7.0 m) |
| Gallons per watt hour | 5.9 G/Wh | 6.4 G/Wh |
| Max. Diameter Solids | 2" (5.1 cm) | 2" (5.1 cm) |
| Pump Discharge | 2" NPT (5.1 cm) | 2" NPT (5.1 cm) |
| Motor HP/Type | 4/10 HP – PSC Motor | 1/2 HP – PSC Motor |
| Voltage | 115 VAC, 60 Hz | 115 VAC, 60 Hz |
| Amp. Draw @ 10 ft Head | 6.3 Amps | 7.0 Amps |

Flow Chart



Dimensions

| Pump | E7040 | E7055 |
|--------|------------------|-------------------|
| Width | 9" (22.9 cm) | 9" (22.9 cm) |
| Depth | 5-7/8" (15 cm) | 5-7/8" (15 cm) |
| Height | 19" (48.3 cm) | 16-1/2" (42.3 cm) |
| Weight | 36 lbs (16.3 kg) | 37 lbs (16.8 kg) |

Mix and Match Ordering

You now have the flexibility to order any pump with any switch or sensor

- **Option 1** – Order a pump and a switch or sensor as separate items
- **Option 2** – Order as a pre-packaged system with any switch or sensor in a single carton, ready for delivery

Included with System

- E7040-NS and E7055-NS includes pump and instruction manual (No switch)
- E7040-VS and E7055-VS includes pump, instruction manual and vertical switch
- E7040-USC3 and E7055-USC3 includes pump, instruction manual, Ultimate Sensor and Ultimate Solid State Controller (USC3)

Available from:

Ultimate Controller with Ultimate Sensor (USC3)

- No moving parts to wear out or break
- Slow fill recognition - senses slowly rising water
- Ultimate Solid State controller monitors power conditions and sounds an alarm when:
 - AC power is out or circuit breaker has tripped
 - Pump has been active for more than 10 minutes indicating service is needed
 - 9V battery needs replacement
 - Controller has lost signal from sensor
- Alarm can be silenced during a power outage
- Adjustable run time from 5 - 45 seconds after the water level falls
- Output terminals for connection to a security system or auto-dialer
- Easy installation with removable connector that plugs into controller, allows sensor wire to feed through small pit cover openings
- Tests pump weekly to exercise and extend pump life
- System is operating light (flashes)

Vertical Switch Features

- Mechanical float on rod
- Adjustable float height
- Easy installation