PHCC Pro Series Sewage Pumps – E7 Series

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

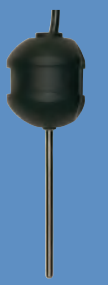
E7040 – 4/10 HP
4440 GPH @ 10'
Pumps 5.9 gallons per watt hour (G/Wh)*

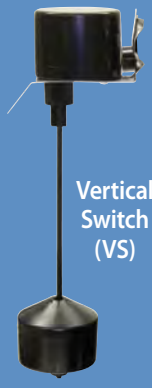
E7055-USC3

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

3 year warranty

SSPMA Certified Pump

UL LISTED Pump

ENERGY EFFICIENT

Industrial Grade for the Residential Market

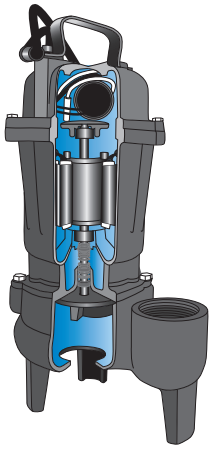
www.stopflooding.com 800-991-0466

*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.

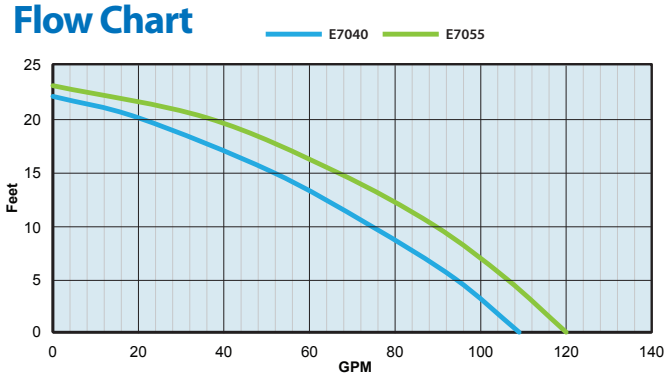
PHCC Pro Series Sewage Pumps - E7 Series

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



Flow Chart



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	½ HP – PSC Motor
Voltage	115 VAC, 60 Hz	115 VAC, 60 Hz
Amp. Draw @ 10 ft Head	6.3 Amps	7.0 Amps

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