Liberty Pumps[®]

Energy

(Year Warranty)

PC441-Series

Sump Pump Combo Series

Pre-assembled Primary Pump and Battery Back-up System

Compact design provides secure basement protection

Drop-in-the-pit ready

Features:

 Fully assembled and automatic operation

 Primary pumps available in 1/3 or 1/2 hp

> Ready to connect to 1-1/2" discharge

 Provides uninterrupted pumping in the event of power outage or main pump failure

 Compact profile will fit minimum 15" diameter sump pits

 Back-up Pump (Model 441) offers advanced energy efficient 1000mA switch mode charger

• Meets California CEC standards

Self-resetting 24 hour silence

Liberty Pumps

Battery Recomended

 Audible and visual alarm warns of backup pump operation

 System includes primary pump check valve and back-up pump check valve

Models:

PC237-441 1/3 hp (Model 237 and 441) PC257-441 1/3 hp (Model 257 and 441) PC457-441 1/2 hp (Model 457 and 441) PCS37-441 1/3 hp (Model S37 and 441)

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PC-SERIES SUMP PUMP COMBO SERIES

Models	Description	Primary Pump	Back-up Pump	System Weight
PC237-441	1/3 hp (Model 237 and 441)	115 V, 5.2 amp	12 VDC 1000 mA	23 lbs.
PC257-441	1/3 hp (Model 257 and 441)	115 V, 5.2 amp	12 VDC 1000 mA	35 lbs.
PC457-441	1/2 hp (Model 457 and 441)	115 V, 7.3 amp	12 VDC 1000 mA	25 lbs.
PCS37-441	1/3 hp (Model S37 and 441)	115 V, 6.2 amp	12 VDC 1000 mA	26 lbs.

Minimum pit size for all above systems 15" diameter x 18" deep

For complete primary pump specifications see appropriate 230-Series, 250-Series, or 450-Series literature. For complete back-up pump specifications see model 441 literature.

12 40 35 30 9 PC457 Head (Meters) PCS37 Head (Feet) 25 6 20 PC257 15 **PC237** 3 10 5 0 0 n 10 20 30 40 50 60 Flow (GPM) 38 76 227 0 151 189 114 Flow (LPM)

PRIMARY PUMP PERFORMANCE

BACK-UP PUMP PERFORMANCE

Model 441

Liters Per Minute Model 237 0 38 76 114 151 1/3 hp 6 20 Poly/Alum 441 Performance with fully charged battery/ AC power Total Head in Meters Total Head in Feet Model 257 15 441 Performance with fixed 12.1V at battery terminals 5 1/3 hp Cast iron 3 10 2 5 0 45 0 5 10 20 40 15 25 30 35 Model S37 U.S. Gallons Per Minute 1/3 hp Model 457 Polv/ 1/2 hp Poly/Alum Cast Iron us Certified Primary Pumps

Specifications subject to change without notice.

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Included in complete system

- Primary Pump, 115 V
- 441 Back-up Pump, 12 VDC
- 1-1/2" PVC piping with rubber coupler between primary pump and back-up pump (rubber coupler provides easy removal and serviceability of back-up pump)
- Check valve included on primary pump and back-up pump
- Completely assembled
- Maximum fluid temperature 140° F
- Battery not included. 12 volt marine-type deep cycle battery recommended. (Group 27 or 31 AGM or Wet Cell compatible)

For optimum performance, Liberty StormCell® batteries recommended

PRIMARY PUMP OPTIONS