



# self-priming cast iron convertible jet pumps



Pressure Gauge  
(included)



*The ProJet™ HL convertible jet pumps offer a proven cast iron self-priming design available in 1/2 - 1 HP models. The ProJet HL convertible jets utilize built-in regulators offering easier priming and better range of performance from a complete line of shallow well, 4" double pipe, 2" and 3" single pipe jet packages.*

## APPLICATIONS

- Water systems and sprinkling... for homes, farms and cottages.

## SPECIFICATIONS

**Body and Seal Plate** – Close-grained cast iron

**Impeller** – High strength Noryl®

**Diffuser** – Reinforced polypropylene with brass wear ring

**Shaft** – One-piece threaded 416 stainless steel

**Base** – Steel, 12 gauge

**Max. Liquid Temperature** – 140°F

**Max. Inlet Pressure** – 50 PSI

**Pressure Switch Pre-Set** – 30-50 PSI

**Suction Ports** – "Suction-over-Drive"

**Pressure Gauge** – 0-100 PSI

## PROJET™ HL SERIES

### FEATURES

**Quality Construction** – Close-grained cast iron pump body, is rugged one-piece unit, specially treated to resist corrosion. Drain port provided for easy winterizing.

**Noryl® Impeller** – Precision-molded for perfect balance... ultra-smooth for highest performance and efficiency.

**Precision Molded Diffuser** – Pump primes faster, handles more air, with multi-port, precision-molded, reinforced polypropylene diffuser.

**Pressure Switch** – High quality, cut-in and differential pressure setting are adjustable.

**Mechanical Shaft Seal** – Precision lapped and highly polished carbon-ceramic, stainless steel construction. Internal design guarantees continuous water lubrication for maximum protection.

**Motor Windings** – Superior insulation materials protect against excessive moisture and contaminants... assures prolonged motor life.

**Balanced Rotor** – Die cast under high pressures for uniform performance and greater efficiency... dynamically balanced.

**Heavy-duty Ball Bearings** – Shielded, permanently lubricated bearings, extensively tested to ensure extended life and smooth, quiet operation.

**Pump and Motor Shaft** – 416 stainless steel for maximum corrosion resistance; one-piece threaded shaft for positive impeller drive and alignment.

## ORDERING INFORMATION

Catalog Number	HP	Description	Pipe Tapping Sizes			Motor Voltage	Approx. Wt. Lbs.
			Suct.	Drive	Disch.		
HLC	1/2	Deep Well Jet	1-1/4"	1"	1"	115/230	42
HLD	3/4	Deep Well Jet	1-1/4"	1"	1"	115/230	60
HLE	1	Deep Well Jet	1-1/4"	1"	1"	115/230	65

A Jet Package should be ordered with every Series HL Pump.

**NOTE:** Pumps installed with a PRO-Source™ tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving flow of pump at relief pressure.

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In order to provide the best products possible, specifications are subject to change.