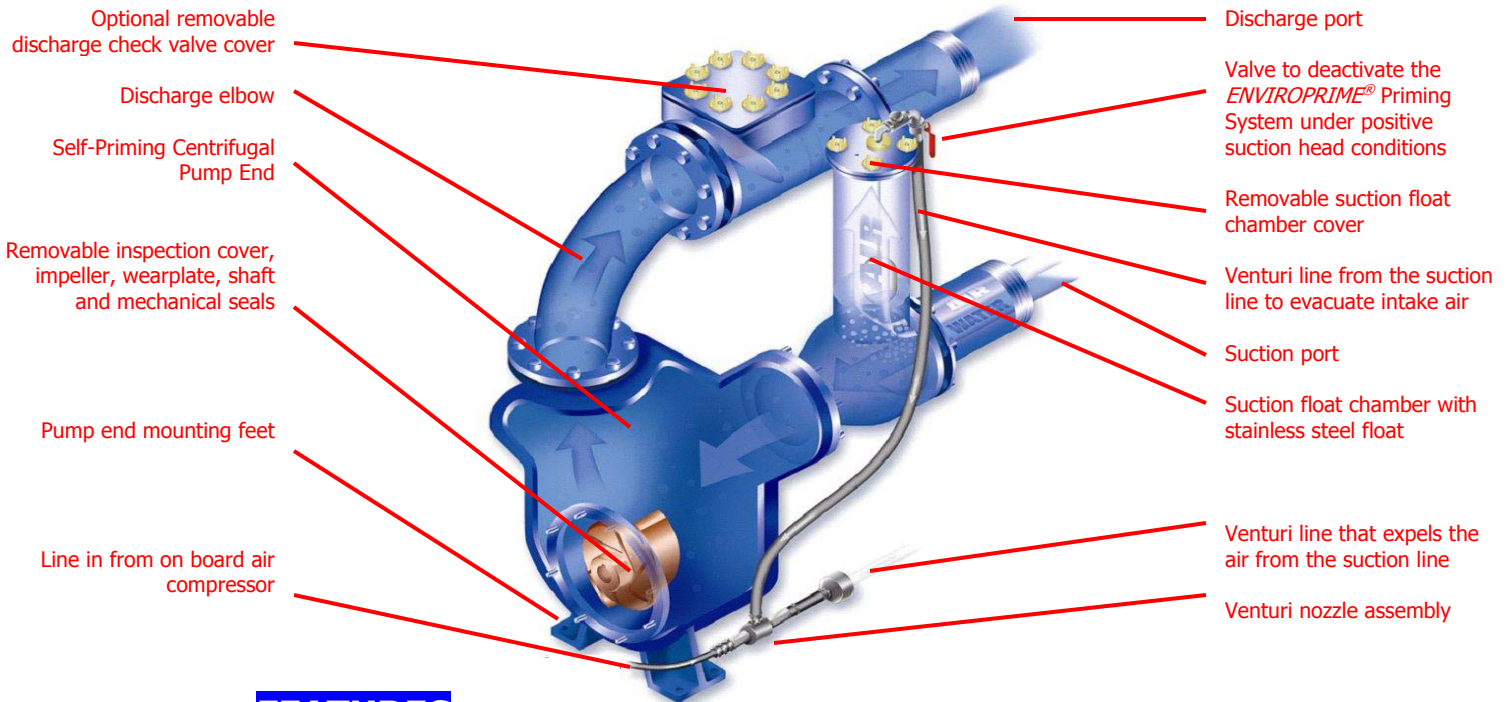


Thompson's ENVIROPRIME[®] Priming System prevents blow-by keeping the environment safe and the pump primed

The exclusive *ENVIROPRIME[®]* Compressor-Assisted Dry Priming system is a revolutionary addition to the Thompson Pump product line. The *ENVIROPRIME[®]* system allows the pump to prime itself without filling the casing with water, maintains prime by evacuating the air from the suction line, and prevents the fluids from escaping the priming system, making the *ENVIROPRIME[®]* environmentally-friendly and eliminating the need for extra hoses or buckets to handle unwanted blow-by.



FEATURES

- Available on HTC, TSC, JC and JSC models for a wide variety of applications
- Venturi line is mounted outside the pump allowing easy access for maintenance
- Stainless steel float in suction chamber
- Prevents pumpage from entering the priming system and onto the ground
- Since only air passes through the venturi nozzle, its strict tolerances are maintained
- Removable float chamber cover, and optional discharge check valve cover can be removed without tools
- No need for extra hoses or buckets to handle unwanted contaminated or hazardous blow-by



In the interest of product improvement, we reserve the right to change specifications without incurring any obligation for equipment previously or subsequently sold. Capacity and Head are shown for comparative purposes. Consult engineering data for exact capabilities.

Thompson Pump & Manufacturing Co., Inc. 4620 City Center Drive, Port Orange, Florida, USA 32129
 Phone (800) 767-7310 • Fax (386) 761-0362 • www.thompsonpump.com

The Thompson Pump Exclusive *ENVIROPRIME*® Compressor-Assisted Dry Priming System Advantage

By adding an integral air compressor to the priming system on a self-priming centrifugal pump end, Thompson Pump provides a priming system loaded with advantages for pump users.

The system builds upon the quick priming reliability of the centrifugal pump end by eliminating the need for water to be in the pump casing to achieve initial prime or reprime. After shut-down, the pump will automatically re-prime on it's own when started up again - advantages that save time, labor and cost to fill the pump with water for operation.

In addition, the *Enviroprime*® System prevents the pumpage from escaping the pump, preventing sewage and other unwanted fluids from spilling onto the pump exterior or onto the ground, or from being sprayed into the air. Therefore, NO BLOW-BY occurs, keeping the environment safe. Thompson is the only pump manufacturer that has designed a NO BLOW-BY priming system.

The *Enviroprime*® System uses a float and float chamber that automatically evacuates any air from the suction line and prevents any fluid carryover into a venturi that is strictly designed to handle only air. There are no unreliable ball valves, venturi screens or venturi covers used. Therefore, the pumpage stays in the priming system and is evacuated through the pump discharge port. There is no need for additional return hoses or plastic buckets, because there is NO BLOW-BY.

MODEL SPECIFICATIONS

Unit Model	Size (in.)	Maximum* Capacity (GPM)	Maximum* Head (ft.)	Maximum* Solids (in.)	Maximum PSI
Dry Prime Heavy Duty Trash Pumps:					
4HTC	4	650	105	2.00	
6HTC	6	1,450	88	3.00	
8HTC	8	2,600	120	3.00	
Dry Prime Open Trash/Sewage Pumps:					
4TSC	4	930	90	3.00	
6TSC	6	1,600	125	3.00	
8TSC	8	2,600	115	3.35	
Clear Liquid High Pressure Pumps:					
4JCA	4 x 2.5	920	330	.50	216
6JCB	6 x 2.5	1,600	400	0.62	173
Solids Handling High Pressure Pumps:					
3JSCB	3	800	330	1.00	143
4JSCM	4	1,200	110	3.00	56
4JSCC	4	1,350	185	3.00	99
4JSCD	4	1,200	255	3.00	143
6JSCD	6 X 4	1,350	340	3.00	186
6JSCE	6	2,450	167	3.00	84
8JSCE	8 X 6	2,750	300	3.00	130
10JSCF	10 X 6	5,300	350	3.38	151
10JSCG	10	4,425	220	3.38	95
12JSCG	12	5,200	350	3.38	113
12JSCJ	12	7,250	107	3.00	47
18JSCJ	18 X 12	9,750	190	3.00	87
18JSCK	18 X 16	10,000	135	4.00	69

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