

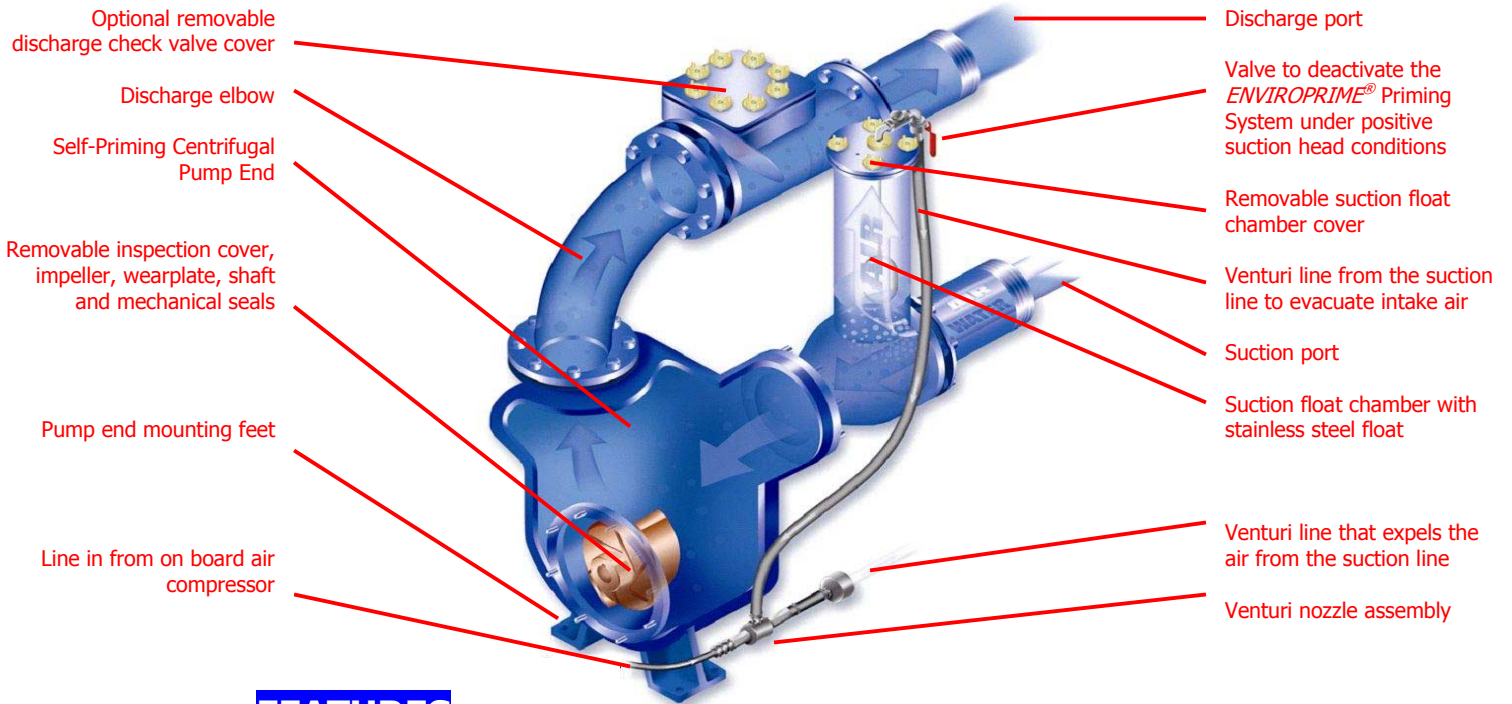


# ENVIROPRIME<sup>®</sup> PRIMING SYSTEM



## ENVIROPRIME<sup>®</sup> Priming System prevents blow-by and keeps the environment safe and keeps the pump primed

The exclusive *ENVIROPRIME<sup>®</sup>* Compressor-Assisted Dry Priming system has been a revolutionary addition to the product line. The *ENVIROPRIME<sup>®</sup>* 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 pumping fluid from escaping the priming system, making the *ENVIROPRIME<sup>®</sup>* 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.

Coquitlam, BC, Tel.: (604) 941-6664 • Calgary, AB, Tel.: (403) 279-8371 • Edmonton, AB, Tel.: (780) 489-1961 • Saskatoon, SK, Tel.: (306) 933-4849  
 Winnipeg, MB, Tel.: (204) 235-0050 • Concord, ON, Tel.: (905) 760-7530 • Ottawa, ON, Tel.: (613) 225-9600 • Sudbury, ON, Tel.: (705) 560-2141  
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## The Exclusive **ENVIROPRIME®** Compressor-Assisted Dry Priming System Advantage

By adding an integral air compressor to the priming system to a self-priming centrifugal pump end, we provide 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 its 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. We are 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 which 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.

Best of all, all this with high quality components produced to exacting tolerances for high reliability and long life, reducing operational cost for pump users.

## MODEL SPECIFICATIONS

Unit Model	Size (In.)	Maximum* Capacity (GPM)	Maximum* Head (Ft.)	*Maximum Solids (In.)
<b>Dry Prime Heavy Duty Trash Pumps:</b>				
4HTC	4	650	127	2.00
6HTC	6	1,500	102	3.00
8HTC	8	2,600	142	3.00
10HTC	10	3,500	135	3.35
12HTC	12	6,250	96	3.00
<b>Dry Prime Open Trash/Sewage Pumps:</b>				
4TSC	4	930	112	3.00
6TSC	6	1,750	172	3.00
8TSC	8	2,600	160	3.35
<b>Clear Liquid High Pressure Pumps:</b>				
6JC	6 x 2.5	1,600	400	0.62
<b>Solids Handling High Pressure Pumps:</b>				
4JSC	4	1,450	450	3.00
6JSC†	6 x 4 †	1,450†	450†	3.00†
6JSC†	6 x 6 †	2,550†	195†	3.00†
8JSC†	8 x 6 †	2,750†	275†	3.00†
8JSC†	10 x 8 †	5,000†	250†	3.38†
12JSC†	12 x 12 †	7,500†	120†	3.00†
12JSC†	12 x 12 †	5,250†	405†	3.38†
16JSC	16	11,000	160	4.00

\* Consult engineering data for exact maximum performance RPM

† Different performances listed for like models because of available engine and impeller configurations

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