



DIESEL DRIVEN PUMPS

SELF-PRIMING • HYDRAULIC • VACUUM



General Dewatering



Silent Units



By-Pass



DEWATERING SOLUTIONS

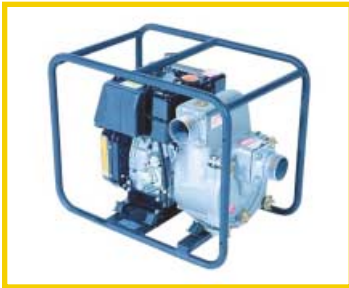
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Wet Prime Trash Pumps



Only Thompson uses self-priming centrifugal pumps as the backbone of its trash pumps line. Thompson's Wet Prime line includes the Multi-purpose Heavy Duty HT series, the Open Trash Sewage TS series, and the Utility Trash T series.



Great for: pumping fluids with solids sewage and sand, flood drainage, deep excavation, ground water dewatering.

The Utility Trash pumps effectively deal with small dewatering jobs.

Heavy Duty Trash – HT & TS series

Unit model	Size (mm)	Max. capacity GPM(L/S)*	Max. head Ft (M)*	Max. solids In (mm)
MULTI-PURPOSE HEAVY DUTY – HT SERIES				
3HT	3" x 3" (75 x 75)	410 (26)	104 (32)	1.5 (38)
4HT	4" x 4" (100 x 100)	650 (41)	127 (39)	2 (50)
6HT	6" x 6" (150 x 150)	1,500 (95)	102 (31)	3 (75)
8HT	8" x 8" (200 x 200)	2,600 (164)	142 (43)	3 (75)
10HT	10" x 10" (250 x 250)	3,500 (221)	135 (41)	3.35 (85)
12HT	12" x 12" (300 x 300)	6,250 (394)	96 (29)	3 (75)

OPEN TRASH SEWAGE – TS SERIES

4TS	4" x 4" (100 x 100)	930 (59)	112 (34)	3 (75)
6TS	6" x 6" (150 x 150)	1,750 (110)	172 (52)	3 (75)
8TS	8" x 8" (200 x 200)	2,600 (164)	160 (49)	3.35 (85)

* @ 2,000 RPM except: 12HT @ 1,200 RPM, 6TS & 8TS @ 2,200 RPM

Utility Trash – T Series

2T	2" x 2" (50 x 50)	230 (15)	95 (29)	1.06 (27)
3T	3" x 3" (75 x 75)	430 (27)	98 (30)	1.5 (38)
4T	4" x 4" (100 x 100)	680 (43)	98 (30)	1.75 (44)

* @ 3,600 RPM

Sound Attenuated Pumps



Thompson's high quality sound attenuated canopy reduces pump operation sound levels by 20+ dBA.

The Silent Knight* is available on the 6TS Wet Prime, 6TSC and 6TSV Dry Prime trash pump models.



*Capacity and Head shown for competitive purposes. Consult engineering data for exact capabilities.

Dry Prime Trash Pumps



Available in vacuum-assisted and compressor-assisted models. Thompson's Dry Prime trash pumps will operate in "snore" conditions and are ideal for high-lift applications.

Great for: open pumping and sewage bypass, pumping polluted, hot or corrosive wastewater, flood-type surface irrigation.



The compressor-assisted models feature the environmentally safe Enviroprime system.



Compressor-assisted Enviroprime, HTC & TSC Series

Unit model	Size (mm)	Max. capacity GPM(L/S)*	Max. head Ft (M)*	Max. solids In (mm)
MULTI-PURPOSE HTC SERIES				
4HTC	4" x 4" (100 x 100)	650 (41)	127 (39)	2 (50)
6HTC	6" x 6" (150 x 150)	1,500 (95)	102 (31)	3 (75)
8HTC	8" x 8" (200 x 200)	2,600 (164)	142 (43)	3 (75)
10HTC	10" x 10" (250 x 250)	3,500 (221)	135 (41)	3.35 (85)
12HTC	12" x 12" (300 x 300)	6,250 (394)	96 (29)	3 (75)

OPEN TRASH SEWAGE – TSC SERIES

4TSC	4" x 4" (100 x 100)	930 (59)	112 (34)	3 (75)
6TSC	6" x 6" (150 x 150)	1,750 (110)	172 (52)	3 (75)
8TSC	8" x 8" (200 x 200)	2,600 (164)	160 (49)	3.35 (85)

* @ 2,000 RPM except: 12HTC @ 1,200 RPM, 6TSC & 8TSC @ 2,200 RPM

Vacuum-assisted – V & TSV Series

MULTI-PURPOSE V SERIES

3V	3" x 3" (75 x 75)	410 (26)	104 (32)	1.5 (38)
4V	4" x 4" (100 x 100)	650 (41)	127 (39)	2 (50)
6V	6" x 6" (150 x 150)	1,500 (95)	102 (31)	3 (75)
8V	8" x 8" (200 x 200)	2,600 (164)	142 (43)	3 (75)
10V	10" x 10" (250 x 250)	3,500 (221)	135 (41)	3.35 (85)
12V	12" x 12" (300 x 300)	6,250 (394)	96 (29)	3 (75)

OPEN TRASH SEWAGE – TSV SERIES

4TSV	4" x 4" (100 x 100)	930 (59)	112 (34)	3 (75)
6TSV	6" x 6" (150 x 150)	1,750 (110)	172 (52)	3 (75)
8TSV	8" x 8" (200 x 200)	2,600 (164)	160 (49)	3.35 (85)

* @ 2,000 RPM except: 12V @ 1,200 RPM, 6TSV & 8TSV @ 2,200 RPM

Single & Double Diaphragm Pumps



The construction and public works industries rely heavily on Thompson's portable Diaphragm pumps when muddy water, sludge, or other solids-laden liquid become a hazard.

Great for: open pit dewatering, cleaning cesspools and septic tanks, irrigation and agriculture.

Single & Double Diaphragm – D Series

Unit model	Size (mm)	Max. capacity GPM(L/S)*	Max. head Ft (M)*	Max. solids In (mm)
SINGLE DIAPHRAGM				
2DL	2" x 2" (50 x 50)	30 (2)	45 (14)	0.75 (19)
2D	2" x 2" (50 x 50)	80 (5)	40 (12)	2 (50)
3D	3" x 3" (75 x 75)	90 (6)	50 (15)	2 (50)
4DS	4" x 4" (100 x 100)	140 (9)	50 (15)	2.38 (60)
DOUBLE DIAPHRAGM				
4D	4" x 4" (100 x 100)	160 (10)	65 (20)	2 (50)
4D-EOV	4" x 4" (100 x 100)	160 (10)	65 (20)	2 (50)
6D	6" x 6" (150 x 150)	270 (17)	50 (15)	2.38 (60)

*Consult engineering data for exact maximum performance engine RPM

Hydraulic Power Units & Submersible Pump Ends



Ideal for high head or high lift requirements on job sites.

Thompson's Hydraulic Submersible series features variable speeds and flows and can run dry without damage.

Great for: open pit and trench dewatering, manholes and lift stations, sewer and pipe lines and rim ditches.

Submersible Pump Ends – HST & HSFT Series Hydraulic Power Unit – HPU Series

Unit model	Size (mm)	Max. capacity GPM(L/S)*	Max. head Ft (M)*	Max. solids In (mm)	Min. power unit required
30HST	3" (75)	590 (37)	90 (27)	1.75 (44)	10 HPU
40HST	4" (100)	1,300 (82)	128 (39)	3 (75)	26 HPU
46HST	6" (150)	1,580 (100)	128 (39)	3 (75)	26 HPU
60HST	6" (150)	2,000 (126)	130 (40)	3 (75)	32 HPU
68HST	8" (200)	2,300 (145)	75 (23)	3 (75)	32 HPU
10HSFT	10" (250)	5,000 (315)	80 (25)	3.5 (90)	63 HPU
12HSFT	12" (300)	6,900 (435)	75 (23)	4.5 (115)	100 HPU

*Consult engineering data for exact maximum performance engine RPM

High Pressure Pumps



Thompson's High Pressure pumps act like a water drill and can be used for dewatering and jetting applications. Using an end-suction centrifugal pump and design, the High Pressure pumps are capable of creating streams of clear water and fluids with solids for many varied uses.

Great for: wellpoint installation, water blasting, fire protection

Clear Liquid – J Series & JC Enviroprime* Series

Unit model	Size (mm)	Max. capacity GPM(L/S)*	Max. head Ft (M)*	Max. PSI	Max. solids In (mm)
3J	3" x 1.5" (75 x 38)	1,150 (73)	500 (152)	216	0.5 (13)
4J	4" x 2.5" (100 x 64)	1,150 (73)	500 (152)	216	0.5 (13)
6J	4" x 2.5" (100 x 64)	1,600 (101)	400 (123)	173	0.62 (16)
6JC	4" x 2.5" (100 x 64)	1,600 (101)	400 (123)	173	0.62 (16)

Solids Handling – JSC Enviroprime* Series

Unit model	Size (mm)	Max. capacity GPM(L/S)*	Max. head Ft (M)*	Max. PSI	Max. solids In (mm)
4JSC	4" x 4" (100 x 100)	1,450 (91)	450 (137)	195	3 (75)
6JSC	6" x 6" (150 x 150)	2,550 (161)	195 (59)	84	3 (75)
8JSC	10" x 8" (250 x 200)	2,750 (173)	275 (84)	120	3 (75)
10JSC	10" x 10" (250 x 250)	3,750-5,000 (237-315)	152-350 (46-107)	66-151	3.38 (86)
12JSC	12" x 12" (300 x 300)	5,250-7,500 (331-473)	120-405 (37-123)	52-175	3-3.38 (75-86)
16JSC	16" x 16" (400 x 400)	11,000 (694)	160 (49)	69	4 (100)

*Consult engineering data for exact maximum performance engine RPM

ENVIROPRIME[®]
system

Rotary, Vacuum & Piston Wellpoint Pumps



An integral part of Thompson's heritage, Wellpoint pumps have been specially adapted to handle demanding wellpoint applications.

Great for: wellpoint dewatering, sock dewatering, filtered water transfers.

Rotary Wellpoint – RW & R Series

Unit model	Size (mm)	Max. capacity GPM(L/S)*	Max. head Ft (M)*	Max. vac (Hg)	Max. CFM*
8RW	8" x 10" (200 x 250)	1,690 (107)	50 (15)	29	225
12R	12" x 12" (300 x 300)	2,880 (182)	50 (15)	29	400

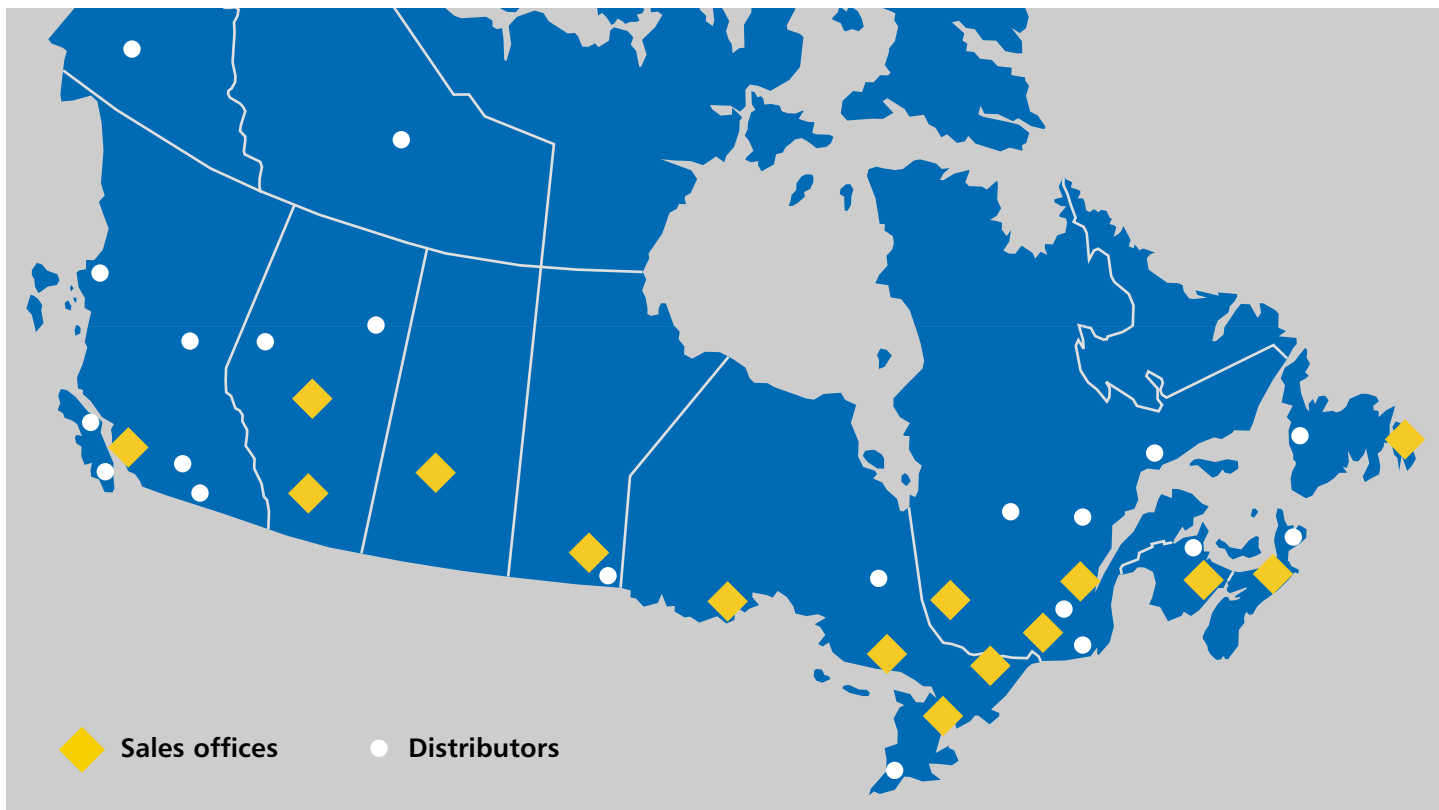
Vacuum Wellpoint – VW Series

Unit model	Size (mm)	Max. capacity GPM(L/S)*	Max. head Ft (M)*	Max. CFM*	Max. solids In (mm)
6VW	6" x 6" (150 x 150)	1,500 (95)	102 (31)	229	3 (75)
8VW	8" x 8" (200 x 200)	2,600 (164)	142 (43)	229	3 (75)
10JVW	10" x 10" (250 x 250)	5,000 (315)	110 (34)	229	1.38 (35)

Piston Wellpoint – PW Series

Unit model	Size (mm)	Max. capacity GPM(L/S)*	Max. head Ft (M)*	Max. suction lift	Max. CFM*
3P	3" x 3" (75 x 75)	170 (11)	66 (20)	30	21
4P	4" x 4" (100 x 100)	300 (19)	66 (20)	30	38
6P	6" x 6" (150 x 150)	400 (25)	66 (20)	30	53

*8RW & 12R @ 600 pump RPM; 6VW, 8VW & 10JVW @ 2,000 engine RPM; 3P & 6P @ 1,500 engine RPM; 4P @ 1,750 engine RPM



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