



WE Series Model 3885

SUBMERSIBLE EFFLUENT PUMPS



FEATURES

Impeller: Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.

Casing: Cast iron volute type for maximum efficiency. 2" NPT discharge.

Mechanical Seal: Silicon Carbide vs. Silicon Carbide sealing faces. Stainless steel metal parts, BUNA-N elastomers.

Shaft: Corrosion-resistant, stainless steel. Threaded design. Locknut on all models to guard against component damage on accidental reverse rotation.

Fasteners: 300 series stainless steel.

Capable of running dry without damage to components.

Designed for continuous operation when fully submerged.

Extended Warranty available for residential applications.

APPLICATIONS

Specifically designed for the following uses:

- Homes, Farms, Trailer Courts, Motels, Schools, Hospitals, Industry, Effluent Systems

SPECIFICATIONS

Pump

- Solids handling capabilities: $\frac{3}{4}$ " maximum
- Discharge size: 2" NPT
- Capacities: up to 140 GPM
- Total heads: up to 128 feet TDH
- Temperature: 104°F (40°C) continuous, 140°F (60°C) intermittent.
- See order numbers on reverse side for specific HP, voltage, phase and RPM's available.

MOTORS

- Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.
- Class B insulation on $\frac{1}{3}$ - 1½ HP models.
- Class F insulation on 2 HP models.

Single phase (60 Hz):

- o Capacitor start motors for maximum starting torque.
- o Built-in overload with automatic reset.
- o SJTOW or STOW severe duty oil and water resistant power cords.
- o $\frac{1}{3}$ - 1 HP models have NEMA three prong grounding plugs.
- o 1½ HP and larger units have bare lead cord ends.

Three phase (60 Hz):

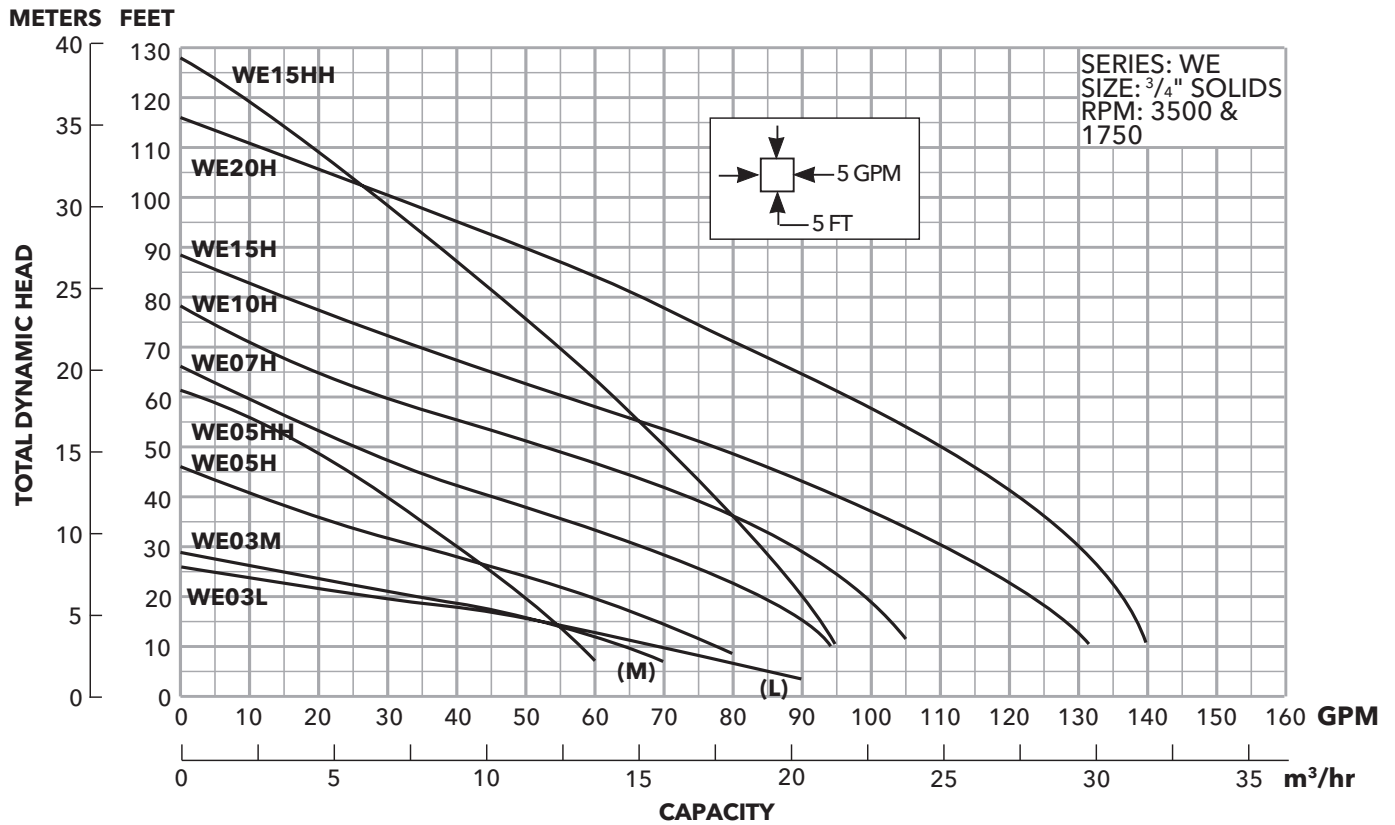
- o Class 10 overload protection must be provided in separately ordered starter unit.
- o STOW power cords all have bare lead cord ends.
- o **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits, can be operated continuously without damage when fully submerged.
- o **Bearings:** Upper and lower heavy duty ball bearing construction.
- o **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. Standard cord is 20'. Optional lengths are available.
- o **O-ring:** Assures positive sealing against contaminants and oil leakage.

AGENCY LISTINGS



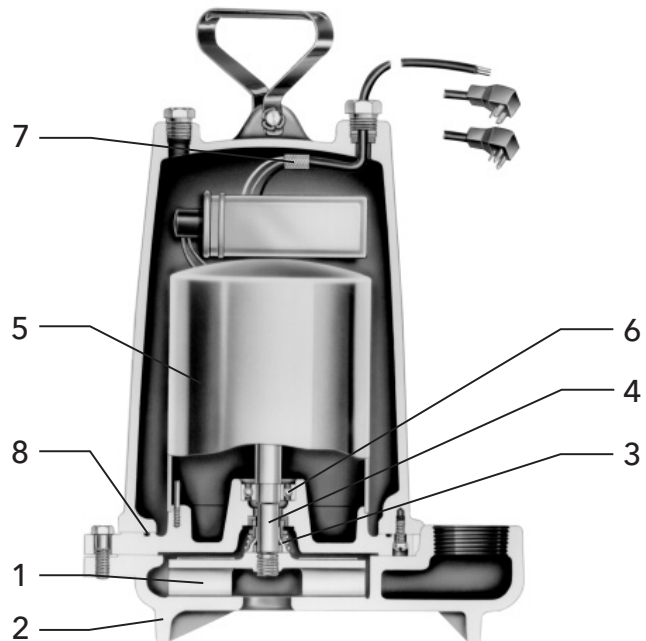
Tested to UL 778 and CSA 22.2 108 Standards
By Canadian Standards Association File #LR38549

CURVES



COMPONENTS

Item No.	Description
1	Impeller
2	Casing
3	Mechanical Seal
4	Motor Shaft
5	Motor
6	Ball Bearings
7	Power Cable
8	Casing O-Ring



MODELS

Order Number	HP	Phase	Volts	RPM	Impeller Diameter (in.)	Maximum Amps	Locked Rotor Amps	KVA Code	Full Load Efficiency %	Resistance		Power Cable Size	Weight (lbs.)	
										Start	Line-Line			
WE0311L	0.33	1	115	1750	5.38	10.7	30.0	M	54	11.9	1.7	16/3	56	
WE0318L			208			6.8	19.5	K	51	9.1	4.2			
WE0312L			230			4.9	14.1	L	53	14.5	8.0			
WE0311M			115			10.7	30.0	M	54	11.9	1.7			
WE0318M			208			6.8	19.5	K	51	9.1	4.2			
WE0312M			230			4.9	14.1	L	53	14.5	8.0			
WE0511H	0.5		115	3450	3.56	14.5	46.0	M	54	7.5	1.0	14/3	60	
WE0518H			208			8.1	31.0	K	68	9.7	2.4	16/3		
WE0512H			230			7.3	34.5	M	53	9.6	4.0	16/3		
WE0538H		3	200			4.9	22.6	R	68	NA	3.8	14/4		
WE0532H			230			3.3	18.8	R	70	NA	5.8			
WE0534H			460			1.7	9.4	R	70	NA	23.2			
WE0537H			575		1.4	7.5	R	62	NA	35.3				
WE0511HH		1	115		3.88	14.5	46.0	M	54	7.5	1.0	14/3		
WE0518HH			208			8.1	31.0	K	68	9.7	2.4	16/3		
WE0512HH			230			7.3	34.5	M	53	9.6	4.0	16/3		
WE0538HH		3	200			4.9	22.6	R	68	NA	3.8	14/4		
WE0532HH			230			3.6	18.8	R	70	NA	5.8			
WE0534HH			460			1.8	9.4	R	70	NA	23.2			
WE0537HH			575		1.5	7.5	R	62	NA	35.3				
WE0718H		0.75	1		208	4.06	11.0	31.0	K	68	9.7	2.4		14/3
WE0712H					230		10.0	27.5	J	65	12.2	2.7		14/3
WE0738H			3		200		6.2	20.6	L	64	NA	5.7		14/4
WE0732H					230		5.4	15.7	K	68	NA	8.6		
WE0734H	460			2.7	7.9		K	68	NA	34.2				
WE0737H	575			2.2	9.9		L	78	NA	26.5				
WE1018H	1	1	208	4.44	14.0	59.0	K	68	9.3	1.1	14/3			
WE1012H			230		12.5	36.2	J	69	10.3	2.1	14/3			
WE1038H		3	200		8.1	37.6	M	77	NA	2.7	14/4			
WE1032H			230		7.0	24.1	L	79	NA	4.1				
WE1034H			460		3.5	12.1	L	79	NA	16.2				
WE1037H			575		2.8	9.9	L	78	NA	26.5				
WE1518H	1.5	1	208	4.56	17.5	59.0	K	68	9.3	1.1	14/3			
WE1512H			230		15.7	50.0	H	68	11.3	1.6	14/3			
WE1538H		3	200		10.6	40.6	K	79	NA	1.9	14/4			
WE1532H			230		9.2	31.7	K	78	NA	2.9				
WE1534H			460		4.6	15.9	K	78	NA	11.4				
WE1537H			575		3.7	13.1	K	75	NA	16.9				
WE1518HH		1	208	5.50	17.5	59.0	K	68	9.3	1.1	14/3			
WE1512HH			230		15.7	50.0	H	68	11.3	1.6	14/3			
WE1538HH		3	200		10.6	40.6	K	79	NA	1.9	14/4			
WE1532HH			230		9.2	31.7	K	78	NA	2.9				
WE1534HH			460		4.6	15.9	K	78	NA	11.4				
WE1537HH			575		3.7	13.1	K	75	NA	16.9				
WE2012H	2	1	230	5.38	18.0	49.6	F	78	3.2	1.2	14/3			
WE2038H		3	200		12.0	42.4	K	78	NA	1.7	14/4			
WE2032H			230		11.6	42.4	K	78	NA	1.7				
WE2034H			460		5.8	21.2	K	78	NA	6.6				
WE2037H			575		4.7	16.3	L	78	NA	10.5				

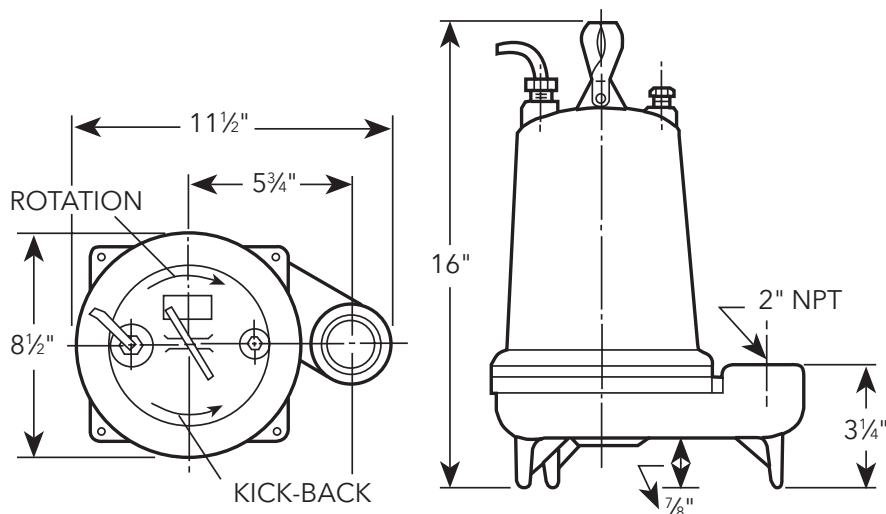
PERFORMANCE RATINGS (gallons per minute)

Order No.	WE-03L	WE-03M	WE-05H	WE-07H	WE-10H	WE-15H	WE05HH	WE15HH	WE-20H
HP	1/3	1/3	1/2	3/4	1	1 1/2	1/2	1 1/2	2
RPM	1750	1750	3500	3500	3500	3500	3500	3500	3500
5	86	-	-	-	-	-	-	-	-
10	70	63	78	94	-	-	58	95	-
15	52	52	70	90	103	128	53	93	138
20	27	35	60	83	98	123	49	90	136
25	5	15	48	76	94	117	45	87	133
30	-	-	35	67	88	110	40	83	130
35	-	-	22	57	82	103	35	80	126
40	-	-	-	45	74	95	30	77	121
45	-	-	-	35	64	86	25	74	116
50	-	-	-	25	53	77	-	70	110
55	-	-	-	-	40	67	-	66	103
60	-	-	-	-	30	56	-	63	96
65	-	-	-	-	20	45	-	58	89
70	-	-	-	-	-	35	-	55	81
75	-	-	-	-	-	25	-	51	74
80	-	-	-	-	-	-	-	47	66
90	-	-	-	-	-	-	-	37	49
100	-	-	-	-	-	-	-	28	30

Total Head Feet of Water

DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)



PUMP-TO-PANEL PART NUMBERS

Pump	HP	Phase	Voltage	Amps	Simplex Panel	Duplex Panel
WE0311L	0.33	1	115	10.7	C4S10020	C4D10020
WE0318L	0.33	1	208	6.8	C4S10020	C4D10020
WE0312L	0.33	1	230	4.9	C4S10020	C4D10020
WE0311M	0.33	1	115	10.7	C4S10020	C4D10020
WE0318M	0.33	1	208	6.8	C4S10020	C4D10020
WE0312M	0.33	1	230	4.9	C4S10020	C4D10020
WE0511H	0.5	1	115	14.5	C4S10020	C4D10020
WE0518H	0.5	1	208	8.1	C4S10020	C4D10020
WE0512H	0.5	1	230	7.3	C4S10020	C4D10020
WE0538H	0.5	3	200	4.9	C4S34063	C4D34063
WE0532H	0.5	3	230	3.3	C4S32540	C4D32540
WE0534H	0.5	3	460	1.7	C4S31625	C4D31625
WE0537H	0.5	3	575	1.4	C4S31625	C4D31625
WE0511HH	0.5	1	115	14.5	C4S10020	C4D10020
WE0518HH	0.5	1	208	8.1	C4S10020	C4D10020
WE0512HH	0.5	1	230	7.3	C4S10020	C4D10020
WE0538HH	0.5	3	200	4.9	C4S34063	C4D34063
WE0532HH	0.5	3	230	3.6	C4S32540	C4D32540
WE0534HH	0.5	3	460	1.8	C4S31625	C4D31625
WE0537HH	0.5	3	575	1.5	C4S31625	C4D31625
WE0718H	0.75	1	208	11	C4S10020	C4D10020
WE0712H	0.75	1	230	10	C4S10020	C4D10020
WE0738H	0.75	3	200	6.2	C4S36310	C4D36310
WE0732H	0.75	3	230	5.4	C4S34063	C4D34063
WE0734H	0.75	3	460	2.7	C4S32540	C4D32540
WE0737H	0.75	3	575	2.2	C4S31625	C4D31625
WE1018H	1	1	208	14	C4S10020	C4D10020
WE1012H	1	1	230	12.5	C4S10020	C4D10020
WE1038H	1	3	200	8.1	C4S36310	C4D36310
WE1032H	1	3	230	7	C4S36310	C4D36310
WE1034H	1	3	460	3.5	C4S32540	C4D32540
WE1037H	1	3	575	2.8	C4S32540	C4D32540
WE1518H	1.5	1	208	17.5	C4S10020	C4D10020
WE1512H	1.5	1	230	15.7	C4S10020	C4D10020
WE1538H	1.5	3	200	10.6	C4S31016	C4D31016
WE1532H	1.5	3	230	9.2	C4S36310	C4D36310
WE1534H	1.5	3	460	4.6	C4S34063	C4D34063
WE1518HH	1.5	1	208	17.5	C4S10020	C4D10020
WE1512HH	1.5	1	230	15.7	C4S10020	C4D10020
WE1538HH	1.5	3	200	10.6	C4S31016	C4D31016
WE1532HH	1.5	3	230	9.2	C4S36310	C4D36310
WE1534HH	1.5	3	460	4.6	C4S34063	C4D34063
WE1537HH	1.5	3	575	3.7	C4S32540	C4D32540
WE1537H	1.5	3	575	3.7	C4S32540	C4D32540

PUMP-TO-PANEL PART NUMBERS (continued)

Pump	HP	Phase	Voltage	Amps	Simplex Panel	Duplex Panel
WE2012H	2	1	230	18	C4S10020	C4D10020
WE2038H	2	3	200	12	C4S31016	C4D31016
WE2032H	2	3	230	11.6	C4S31016	C4D31016
WE2034H	2	3	460	5.8	C4S34063	C4D34063
WE2037H	2	3	575	4.7	C4S34063	C4D34063

SERIES "CORE 4" CONTROL PANELS

Series "Core 4" Control Panels provide outstanding, automatic, liquid level control to help manage and maintain pump operation for a variety of effluent, sewage, and water transfer applications.

FEATURES

- Rugged, NEMA 4X construction withstands even the most severe weather conditions and prevents corrosion
- Solid-state control board displays float status for ease of installation and trouble-shooting
- Hinged door with lockable stainless-steel latch for safe operation indoors and out
- Through-door mounted alarm test switch ensures proper operation of the alarm circuit without the need to open the panel
- Panel can be wired for a single power feed and control circuit, or the control circuit can be wired to a separate power supply to ensure alarm integrity in case of a tripped pump breaker
- Top-mounted, high intensity, flashing red light provides 360° visibility
- Auxiliary alarm contacts provided for remote alarm connection
- Field wiring diagram, panel schematic and installation instructions included
- Entire unit is UL and CUL listed

PRODUCT SPECIFICATIONS

- Hand-off-automatic (H-O-A) pump selection switch(es)
- On-off control circuit switch
- Float switches:
 - Normally open (pump down) mechanical float switches with 20' cords
 - Simplex panels (three switches)
 - Duplex panels (four switches)
- Duplex panels include alternation
- NEMA 4X:
 - Flashing red alarm light
 - Fiberglass enclosure with gasketed, hinged door and stainless-steel hardware
 - Alarm horn (95db)
- Solid state printed circuit control board with float indicator lights
- Auxiliary alarm dry contact
- Elapsed time meter(s)
- Cycle counter(s)
- Single Phase
 - Field adjustable for 115 or 230V, 60Hz
- Three Phase
 - Field adjustable for 208/230/460/575 V, 60 Hz
 - 115V control circuit transformer
 - Adjustable motor overload protectors



Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com

**COMPLETE.
RELIABLE. BLUE.**

Learn more about
our complete line
of wastewater
products.





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