



SUMBERSIBLE SEWAGE PUMPS 50WQ-2P SEIRES

APPLICATIONS

Non-clogging Submersible sewage pumps designed to be used in a variety of residential, commercial and industrial applications such as: Sewage systems, Flood and pollution control, Dewatering/Effluent, Farms, Hospitals, Trailer courts, Motels.



						GPN	1 at	hea	d(ft)				
Model	Power	Voltage	Amp.	крм.	5	10	15	20	25	30	Max. Head	Discharge Solids	Weight
50WQ0.37-2P	0.5 HP	115V	10 A	3450	88	76	60	35			23 ft	1.5"	60 lbs
50WQ0.55-2P	0.75 HP	115V	12 A	3450	98	80	68	33	10		27 ft	1.5"	61 lbs
50WQ0.75-2P	1 HP	115V	15 A	3450	125	110	80	57	25	6	33 ft	1.5"	62 lbs

PARTS SPECIFICATIONS

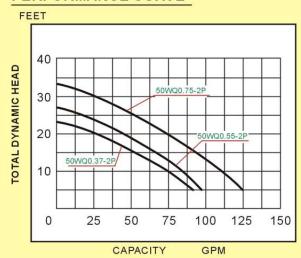
- Power Cable: Severe duty rated, oil and water resistant. Standard cord is 33'.
- O-ring: Buna-N, assures positive sealing against oil leakage.
- 3. Bearing: Upper and lower ball bearing construction to carry all radial and thrust loads.
- Casing (Motor Housing): Heavy-duty gray cast iron, ASTM A48, Class 30.
- Motor: 2 poles, fully submerged in Mobil oil for lubrication and efficient heat transfer. All ratings are within the working limits of the motor.
- 6. Shaft: Corrosion resistance stainless steel.
- Impeller: Cast iron, vortex design, non-clog, dynamically balanced for mechanical protection.
- 8. Volute Casing: Cast iron,
- Dual Mechanical Seals: stainless steel metal parts, BUNA-N elastomers.

Upper Seal: Carbon VS Ceramic

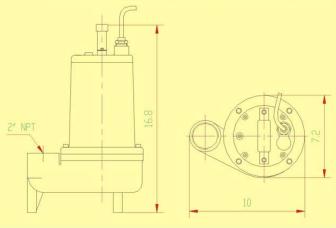
Lower Seal: Silicon Carbide VS Silicon Carbide

3 4 5 6 9 7 8 8

PERFORMANCE CURVE



DIMENSIONS





SUMBERSIBLE SEWAGE PUMPS 80WQ-4P SEIRES

APPLICATIONS

Non-clogging Submersible sewage pumps designed to be used in a variety of residential, commercial and industrial applications such as: Sewage systems, Flood and pollution control, Dewatering/Effluent, Farms, Hospitals, Trailer courts, Motels.



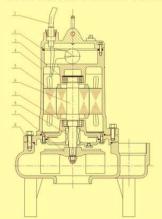
Model	Power	Power Voltage A		RPM.		G	PM	at h	ead(ft)		Max. Head	Discharge	Weight
Model	1 OWEI	voltage	Amp.	121 101.	5	10	15	20	25	30	35	max. Head	Solids	Weight
80WQ0.37-4P	0.5 HP	115V/230V	8A/4A	1750	198	140	65					18 ft	2"	102 lbs
80WQ0.55-4P	0.75 HP	115V/230V	11A/5.5A	1750	250	210	140	60				23 ft	2"	103 lbs
80WQ0.75-4P	1 HP	115V/230V	13A/6.5A	1750	264	200	150	66	17			26 ft	2"	105 lbs
80WQ1.1-4P	1.5 HP	115V/230V	16A/8A	1750	295	280	180	135	66	40		32 ft	2"	105 lbs
80WQ1.5-4P	2 HP	230V/460V	6.5A/3.2A	1750	308	265	200	155	90	70	30	38 ft	2"	106 lbs

PARTS SPECIFICATIONS

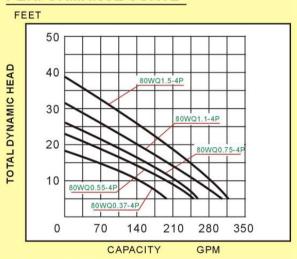
- Power Cable: Severe duty rated, oil and water resistant. Standard cord is 33'.
- O-ring: Buna-N, assures positive sealing against oil leakage.
- 3. Bearing: Upper and lower ball bearing construction to carry all radial and thrust loads.
- Casing (Motor Housing): Heavy-duty gray cast iron, ASTM A48, Class 30.
- Motor: 4 poles, fully submerged in Mobil oil for lubrication and efficient heat transfer. All ratings are within the working limits of the motor.
- 6. Shaft: Corrosion resistance stainless steel.
- 7. Impeller: Cast iron, 2-vane open, non-clog, dynamically balanced for mechanical protection.
- 8. Volute Casing: Cast iron.
- Dual Mechanical Seals: stainless steel metal parts, BUNA-N elastomers.

Upper Seal: Carbon VS Ceramic

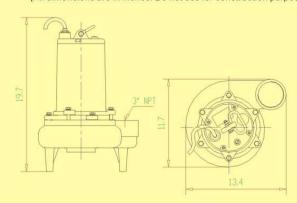
Lower Seal: Silicon Carbide VS Silicon Carbide



PERFORMANCE CURVE



DIMENSIONS





SUMBERSIBLE SEWAGE PUMPS 100WQ-4P SEIRES

APPLICATIONS

Non-clogging Submersible sewage pumps designed to be used in a variety of residential, commercial and industrial applications such as: Sewage systems, Flood and pollution control, Dewatering/Effluent, Farms, Hospitals, Trailer courts, Motels.



Model	Power Voltage		Amp. RPM.		GI	PM :	at he	ead(ft)	Max Hoad	Discharge Solids	Woight
Woder	rowei	voltage	Allip.	IXF IVI.		20	30	40	50	wax. Head	Discharge Solius	Weight
100WQ1.5-4P	2 HP	230V/460V	6A/3A	1750	300	180	60			32 ft	3 "	170 lbs
100WQ2.2-4P	3 HP	230V/460V	9.6A/4.8A	1750	355	285	180	25		46 ft	3 "	180 lbs
100WQ3.7-4P	5 HP	230V/460V	13A/6.5A	1750	380	300	240	175	10	51 ft	3 "	195 lbs

PARTS SPECIFICATIONS

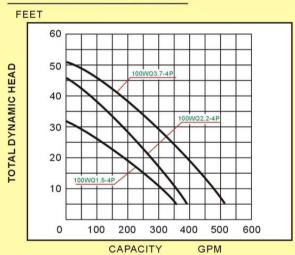
- Power Cable: Severe duty rated, oil and water resistant. Standard cord is 33'.
- O-ring: Buna-N, assures positive sealing against oil leakage.
- Bearing: Upper and lower ball bearing construction to carry all radial and thrust loads.
- Casing (Motor Housing): Heavy-duty gray cast iron, ASTM A48, Class 30.
- Motor: 4 poles, fully submerged in Mobil oil for lubrication and efficient heat transfer. All ratings are within the working limits of the motor.
- 6. Shaft: Corrosion resistance stainless steel.
- Impeller: Cast iron, 2-vane open, non-clog, dynamically balanced for mechanical protection.
- Volute Casing: Cast iron flanged volute type for maximum efficiency. Designed for easy installation.
- Dual Mechanical Seals: stainless steel metal parts, BUNA-N elastomers.

Upper Seal: Carbon VS Ceramic

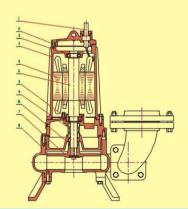
Lower Seal: Silicon Carbide VS Silicon Carbide

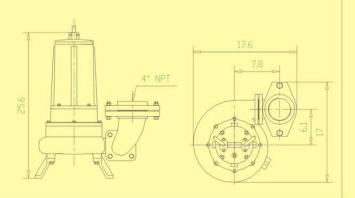
10. Mechanical Seal: Silicon Carbide VS Silicon Carbide

PERFORMANCE CURVE



DIMENSIONS







SUMBERSIBLE SEWAGE PUMPS 150 WQ-4P SEIRES

APPLICATIONS

Non-clogging Submersible sewage pumps designed to be used in a variety of residential, commercial and industrial applications such as: Sewage systems, Flood and pollution control, Dewatering/Effluent, Farms, Hospitals, Trailer courts, Motels.



Model	Power	Voltage	Amp. RPM.			GPM at head(ft))	Max. Head	Discharge	Weight	
Resident de la constante de la	D SHANES		5. 100 A (\$1.00)		5	15	25	35	45	55	State and All Chemical in 1992.	Solids	
150WQ7.5-4P	10 HP	230V/460V	25A/12.5A	1750	968	890	820	620	450	220	59 ft	2.5"	370 lbs

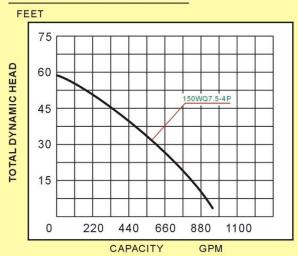
PARTS SPECIFICATIONS

- Power Cable: Severe duty rated, oil and water resistant. Standard cord is 33'.
- O-ring: Buna-N, assures positive sealing against oil leakage.
- 3. Bearing: Upper and lower ball bearing construction to carry all radial and thrust loads.
- Casing (Motor Housing): Heavy-duty gray cast iron, ASTM A48, Class 30.
- Motor: Squirrel cage induction, three phase,4 poles, air filled, oil probe and built-in thermal protector with automatic reset.
- 6. Shaft: Corrosion resistance stainless steel.
- Impeller: Cast iron, single channel, non-clog, dynamically balanced for mechanical protection.
- Volute Casing: Cast iron flanged volute type for maximum efficiency. Designed for easy installation.
- Dual Mechanical Seals: stainless steel metal parts, BUNA-N elastomers.

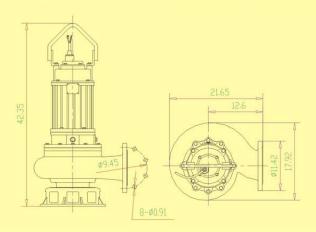
Upper Seal: Silicon Carbide VS Carbon

Lower Seal: Silicon Carbide VS Tungsten Carbide

PERFORMANCE CURVE



DIMENSIONS





SUMBERSIBLE GRINDER PUMPS

APPLICATIONS

Submersible grinder pumps are able to pump soft organic solids in suspension, by shredding to slurry. Grinder pumps are ideal for: Grey water pumping; Sump emptying; Septic effluent & sewage water disposal; Pumping of waste water with soft solids in suspension.



Model	Power	Voltage	Amp.	RPM.		GPI	/ at	head	d(ft)		Max. Head	Discharge	Weight
Model	rowei	voltage	Amp.	IXF IVI.	10	15	20	25	30	35	Max. Head	Discharge	Weight
WQ-0.75QG	1 HP	115V	7 A	3450	60	50	36	20	9		36 ft	2 "	70 lbs
WQ-1.1QG	1.5 HP	115V	12 A	3450	100	95	90	82	75	68	50 ft	2 "	75 lbs

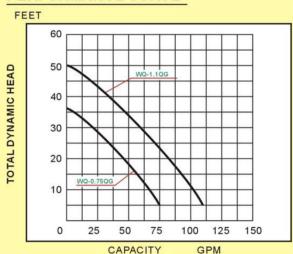
PARTS SPECIFICATIONS

- 1. Power Cable: Severe duty rated, oil and water resistant. Standard cord is 33'.
- O-ring: Buna-N, assures positive sealing against oil leakage.
- Bearing: Upper and lower ball bearing construction to carry all radial and thrust loads.
- Casing (Motor Housing): Heavy-duty gray cast iron, ASTM A48, Class 30.
- Motor: 2 poles, fully submerged in Mobil oil for lubrication and efficient heat transfer. All ratings are within the working limits of the motor.
- 6. Shaft: Corrosion resistance stainless steel.
- 7. Impeller: Hardened cast steel.
- 8. Volute Casing: Cast iron flanged volute type for maximum efficiency. Designed for easy installation.
- 9. Dual Mechanical Seals: stainless steel metal parts, BUNA-N elastomers.

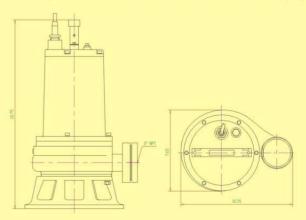
Upper Seal: Carbon VS Ceramic

Lower Seal: Silicon Carbide VS Silicon Carbide

PERFORMANCE CURVE



DIMENSIONS





SUMBERSIBLE SEWAGE PUMPS WQ-BS SEIRES

APPLICATIONS

Non-clogging Submersible sewage pumps for simplex and duplex installations in small life stations, drainage systems or raw water applications, requiring solids handling capability of 1.5" diameter made specifically for: homes and farms; mobile home parks and motels; schools and hospitals; municipal package systems; industrial treatment systems; and dewatering applications.



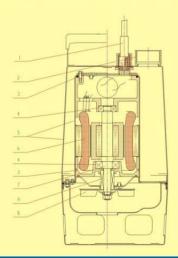
Model	Power	Voltage	Amp.	RPM.		GPN	/ at	hea	d(ft))	Max. Head	Discharge	Weight
Woder	rower	voltage	Amp.	IXI IVI.	5	10	15	20	25	30	Max. Head	Solids	Weight
WQ-0.75BS	1 HP	115V	9 A	3450	66	60	55	42	32	15	36 ft	1.5"	36 lbs
WQ-1.1BS	1.5 HP	115V	15 A	3450	97	90	82	65	46	30	40 ft	1.5"	39 lbs

PARTS SPECIFICATIONS

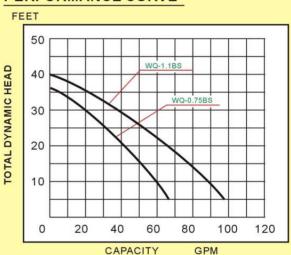
- Power Cable: Water proof 30 ft. cord, pressure grommet for sealing and strain relief.
- 2. Discharge: 1.5" corrosion resistant AISI 304 SS top threaded hose coupling design.
- O-ring: Buna-N, assures positive sealing against oil leakage.
- Bearing: Upper and lower ball bearing construction to carry all radial and thrust loads.
- Casing and Motor Housing: Corrosion resistant AISI 304 SS designed for long lasting performance.
- Motor: 2 poles, squirrel cage induction, air filled single phase, permanent split capacitor type, built-in thermal protector, with automatic reset.
- 7. Shaft: Corrosion resistance stainless steel.
- 8. Impeller: AISI type 304 stainless steel.
- Dual Mechanical Seals: stainless steel metal parts, Buna-N elastomers.

Upper Seal: Carbon VS Ceramic

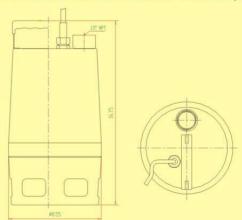
Lower Seal: Silicon Carbide VS Silicon Carbide



PERFORMANCE CURVE



DIMENSIONS





SUMBERSIBLE SEWAGE PUMPS

WQ-B SEIRES



Non-clogging Submersible sewage pumps for simplex and duplex installations in small life stations, drainage systems or raw water applications, requiring solids handling capability of 1.5" diameter made specifically for: homes and farms; mobile home parks and motels; schools and hospitals; municipal package systems; industrial treatment systems; and dewatering applications.



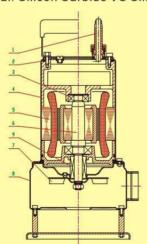
Model	Power	Voltage	Amp.	DDM		G	РМ а	at he	ad(1	ft)		Max. Head	Discharge	Weight
Model	rowei	voltage	Amp.	IXF IVI.	10	15	20	25	30	35			Solids	Weight
WQ-0.55B	0.75 HP	115V	7.2 A	3450	55	40	25	6				26 ft	1.5"	29 lbs
WQ-0.75B	1 HP	115V	9 A	3450	75	64	45	27	9			31 ft	1.5"	30 lbs
WQ-1.1B	1.5 HP	115V	15 A	3450	100	88	73	57	39	26	10	41 ft	1.5"	32 lbs

PARTS SPECIFICATIONS

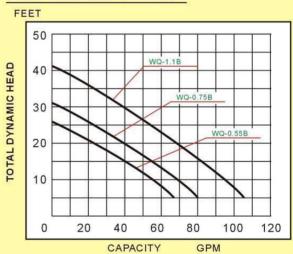
- Power Cable: Water proof 30 ft. cord, pressure grommet for sealing and strain relief.
- O-ring: Buna-N, assures positive sealing against oil leakage.
- Bearing: Upper and lower ball bearing construction to carry all radial and thrust loads.
- Casing (Motor Housing): Corrosion resistant AISI 304 SS designed for long lasting performance.
- Motor: 2 poles, squirrel cage induction, air filled single phase, permanent split capacitor type, built-in thermal protector, with automatic reset.
- 6. Shaft: Corrosion resistance stainless steel.
- 7. Impeller: AISI type 304 stainless steel.
- 8. Volute Casing: Corrosion resistant AISI 304 SS. Designed for easy installation.
- Dual Mechanical Seals: stainless steel metal parts, Buna-N elastomers.

Upper Seal: Carbon VS Ceramic

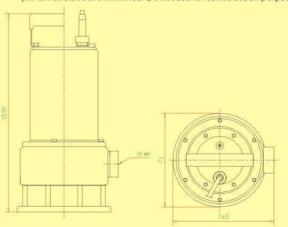
Lower Seal: Silicon Carbide VS Silicon Carbide



PERFORMANCE CURVE



DIMENSIONS





SUMBERSIBLE DEWATERING PUMPS QDX-BS SEIRES

APPLICATIONS

Corrosion resistant SS submersible dewatering pumps, specially designed for dewatering construction sites, mines; subways, tunnels and civil engineering; utilities; decorative fountains, waterfalls, and fish ponds; residential, commercial wastewater discharge.



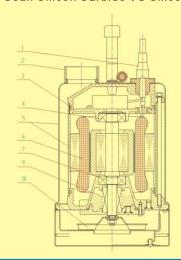
Model	Power	Voltage	Amp.	RPM.	GI	PM .	at he	ead(ft)	Max. Head	Discharge	Weight
Model	Tower	voltage	Amp.	IXI IVI.	5	10	15	20	25	Max. Head	Discharge	Weight
QDX120BS	0.17 HP	115V	2.5 A	3450	22	17	12	7		23 ft	1.25"	13 lbs
QDX180BS	0.25 HP	115V	3 A	3450	26	21	12	7	4	29 ft	1.25"	14 lbs
QDX250BS	0.33 HP	115V	3.5 A	3450	35	30	25	19	10	29 ft	1.25"	18 lbs

PARTS SPECIFICATIONS

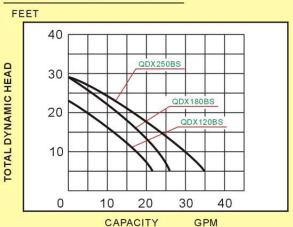
- Power Cable: Water proof 20 ft. cord, pressure grommet for sealing and strain relief.
- 2. Discharge: 1.25" corrosion resistant AISI 304 SS top threaded hose coupling design.
- O-ring: Buna-N, assures positive sealing against oil leakage.
- Bearing: Upper and lower ball bearing construction to carry all radial and thrust loads.
- Casing and Motor Housing: Corrosion resistant AISI 304 SS designed for long lasting performance.
- Motor: 2 poles, squirrel cage induction, air filled single phase, permanent split capacitor type, built-in thermal protector, with automatic reset.
- 7. Shaft: Corrosion resistance stainless steel.
- 8. Impeller: AISI type 304 stainless steel.
- Dual Mechanical Seals: stainless steel metal parts, Buna-N elastomers.

Upper Seal: Carbon VS Ceramic

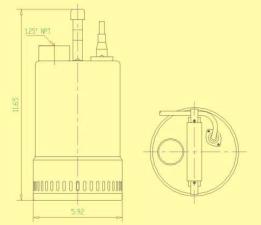
Lower Seal: Silicon Carbide VS Silicon Carbide

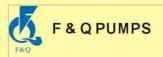


PERFORMANCE CURVE



DIMENSIONS





SUMBERSIBLE DEWATERING PUMPS QDX-B SEIRES

APPLICATIONS

Corrosion resistant SS submersible dewatering pumps, specially designed for dewatering construction sites, mines; subways, tunnels and civil engineering; utilities; decorative fountains, waterfalls, and fish ponds; residential, commercial wastewater discharge.



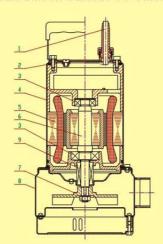
Model	Power	Voltage	Amp.	RPM.		GF	PM a	t he	ad(f	t)		May Head	Discharge	Weight
Woder	rower	voltage	Amp.	IXF WI.	5	10	15	20	25	30	35	Wax. Head	Discharge	vveigitt
QDX370B	0.5 HP	115V	7.2 A	3450RPM	35	31	27	23	18	13	7	38 ft	1.5"	28 lbs
QDX550B	0.75 HP	115V	7.2 A	3450RPM	66	55	48	42	31	25	13	42 ft	1.5"	29 lbs
QDX750B	1 HP	115V	9 A	3450RPM	90	88	80	70	53	36	19	45 ft	1.5"	32 lbs
QDX1100B	1.5 HP	115V	15 A	3450RPM	150	136	119	97	66	52	31	40 ft	1.5"	33 lbs

PARTS SPECIFICATIONS

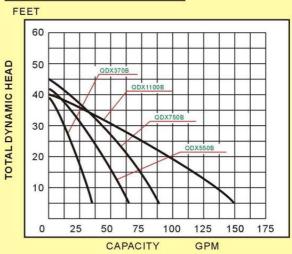
- Power Cable: Waterproof 30 ft. cord, pressure grommet for sealing and strain relief.
- O-ring: Buna-N, assures positive sealing against oil leakage.
- Bearing: Upper and lower ball bearing construction to carry all radial and thrust loads.
- Casing (Motor Housing): Corrosion resistant AISI 304 SS designed for long lasting performance.
- Motor: 2 poles, squirrel cage induction, air filled single phase, permanent split capacitor type, built-in thermal protector, with automatic reset.
- 6. Shaft: Corrosion resistance stainless steel.
- Impeller: AISI type 304 stainless steel.
- 8. Volute Casing: Corrosion resistant AISI 304 SS. Designed with bottom strainer.
- Dual Mechanical Seals: stainless steel metal parts, Buna-N elastomers.

Upper Seal: Carbon VS Ceramic

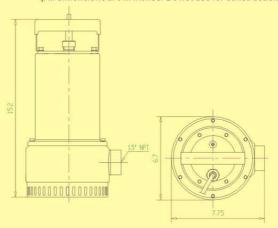
Lower Seal: Silicon Carbide VS Silicon Carbide



PERFORMANCE CURVE



DIMENSIONS





SHIELDED BOOSTING PUMPS PBX SEIRES

APPLICATIONS

Equipped with a shielded motor, no maintenance, low noise, and low power, is suitable for heating providing system, hot water supplying system, cooling and air-conditioning system.

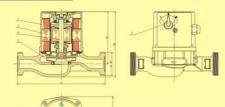


Model	Power	Voltage	Amp.	RPM.	Capacity@5ft	Max. Head	Discharge	Weight
PBX25-40-180	0.06 HP 0.08 HP 0.09 HP	115V	0.7A	3450	8 GPM	14 ft	0.75"	6.5 lbs
PBX25-60-180	0.06 HP 0.09 HP 0.13 HP	115V	0.9A	3450	10 GPM	21 ft	0.75"	6.5 lbs

PARTS SPECIFICATIONS

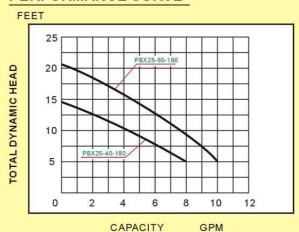
- 1. Casing: Castiron.
- 2. Motor: Shielded motor design.
- 3. Adjustable Switch: Three speed adjustable switch.
- 4. Shaft: Ceramic shaft.
- 5. Impeller: Hardened plastic impeller.

DIMENSIONS



Scale 1:5

PERFORMANCE CURVE



SUBMERSIBLE MOTORS:



Model	Output Power	Voltage, Frequecy	Speed
140TY	1HP,1.5HP,2HP,3HP	208-230/460V, 60Hz	1800rpm
180TY	5HP, 7.5HP	208-230/460V, 60Hz	1800rpm
210TY	10HP, 15HP	208-230/460V, 60Hz	1800rpm

F&Q Submersible motors offer:

- Heavy Duty cast iron motor housing
- 420 Stainless Steel shaft
- F-Class insulation Standard, H-Class (185°) available
- Heavy Duty Ball Bearings, sealed and greased for life
- Moisture sensor probe and Thermal protector.
- Standard power cord 40 Ft

Limited Warranty

F & Q Company hereby warrants your unit, in accordance with and subject to the provisions herein contained, against defects in material and workmanship under normal use and service when properly connected for a period of 12 months or 1000 hours operation (which ever occurs first), from the date of purchase. In the event of a breakdown or failure of your unit or part thereof, within the period of 12 months or 1000 hours operation, which prevents normal working, the Company will repair the breakdown or failure and replace any defective part or the whole unit at the Company's option free of charge. Freight charges will be the user's responsibility.

This warranty does not extend to or cover the unit or any part of it which, in the opinion of the Company, has worn by reasonable wear and tear, abraded or corroded by fluid pumped, run in a dry condition, operated at high temperatures or outside the technical specification of the unit. Nor does warranty extend to cover the unit or any part of it which has been damaged or rendered defective by accident, willful act, negligence (other than that by the Company), usage of other than the Company's parts, operation on voltages or frequencies other than indicated on the rating plate, incorrectly set voltage regulator, electrical fusion, lightning or by other majeure forces. This warranty is an exclusive warranty and is in lieu of all other warranties and conditions, expressed or implied, whether statutory or otherwise.

The Company shall not be liable for any loss or damage of any kind whatsoever (including injury or death to persons or animals or loss or damage to property) whether suffered or incurred by the user or by some third party where such loss or damage arises in relation to or as a result of the unit or any part thereof, and whether arising wholly or partly as a result of negligence of the Company, its agents or otherwise. Without limitation upon the provisions of the foregoing provisions of this clause, the Company shall not be liable for any consequential loss or damage (including financial loss or damage) and in no event and in no circumstances shall the liability of the Company to the user or any third party exceed the total purchase price of the unit or parts thereof in question.

F&Q Pumps, Inc.

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