



PUMPS & SYSTEMS

Barnes

Sump - Effluent - Utility - Specialty

January 1, 2020

CONFIDENTIAL PRICE LIST

**Prices Subject to Change Without Notice.
All prices in U.S. Dollars, F.O.B. Piqua, Ohio.**

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**IMPORTANT NOTE: Please consult the catalog for important warnings, specifications
and other vital information for the product(s) in which you are interested.**



A Crane Co. Company

PUMPS & SYSTEMS

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Barnes - Sump / Effluent / Utility / Specialty

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SU33 SHUR-Switch™ Automatic Sump Pump, 1.5" Discharge

Skid Quantity = 70

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SU33	130234	1/3	120	1	3450	9	Yes	10	\$182

SP33 & SP50 - Manual & Automatic Sump Pumps, 1.5" Discharge

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SP33	112547	1/3	120	1	3450	10	No	30	\$237
SP33X	112548	1/3	120	1	3450	20	No	30	\$267
SP33A	112549	1/3	120	1	3450	10	Yes	30	\$267
SP33AX	112550	1/3	120	1	3450	20	Yes	30	\$299
SP33D	118371	1/3	120	1	3450	10	Yes	30	\$267
SP33VF	112551	1/3	120	1	3450	10	Yes	30	\$267
SP33VFX	112552	1/3	120	1	3450	20	Yes	30	\$299
SP50X	112875	1/2	120	1	3450	20	No	34	\$388
SP50AX	112877	1/2	120	1	3450	20	Yes	34	\$417
SP50VFX	112879	1/2	120	1	3450	20	Yes	34	\$417
SP75X	115368	3/4	120	1	3450	20	No	34	\$421
SP75AX	115369	3/4	120	1	3450	20	Yes	34	\$457
SP75VFX	115370	3/4	120	1	3450	20	Yes	34	\$457

"A" Designates piggy back mechanical float switch.

"D" Designates diaphragm switch.

"VF" Designates piggy back vertical float switch.

"X" Designates 20' cord.

SP33 Automatic Sump Pump With Alarm, 1.5" Discharge

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SP33VFAL	112914	1/3	120	1	3450	10	Yes	30	\$399

"VFAL" Designates Vertical Float with High Water Alarm & Sensor

** Impeller trim additional charge: list price	\$181
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Residential Laundry Tray Sump Pump System

Skid Quantity = 12

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SU33LT	131411	1/3	120	1	3450	9	Yes	19.50	\$352

Includes SU33 Pump, 15" x 15" x 14" basin, 1.5" vent & discharge grommets, and check valve.
Comes assembled complete and boxed.

Commercial Laundry Tray Sump Pump System

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SP33LT	112900	1/3	120	1	3450	10	Yes	34	\$445

Includes SP33VF pump, 12" x 14" x 16" basin, 1.5" vent & discharge flanges, 1.5" x 16" discharge piping & adapter, check valve.

Comes assembled complete and boxed.

30 Gallon Pre-Assembled Sewage Systems

Model No.	Part No.	Solids (in)	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SEV412ASP	102160C	2	1/2	115	1	3450	15	Yes	65	\$803
SEV412ASPI	102161	2	1/2	115	1	3450	15	Yes	70	\$1,022
SE411ASP	103135	2	4/10	115	1	1750	15	Yes	75	\$1,041

* Furnished with poly foam basin and cover.

Includes 18" x 30" basin, pump, level control, 4" inlet grommet, check valve, male adapter, 2" x 32" discharge piping, cover, boxed pre-assembled.

SEV412ASPI basin approved by International Association of Plumbing and Mechanical Officials.

30 Gallon Sewage Packaged Systems (Un-Assembled)

Model No.	Part No.	Solids (in)	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SEV412SP	105367	2	1/2	115	1	3450	15	Yes	72	\$790
SE411SP	084283B	2	4/10	115	1	1750	15	Yes	84	\$1,019
SE51SP	105086	2	1/2	115	1	1750	15	Yes	105	\$1,311

Includes pump, level control, 18" x 30" poly-basin, steel lid, 4" inlet grommet, check valve, boxed un-assembled.

Model No. SEV412SP has a structural foam basin (Part No. 105367)

41 Gallon Pre-Assembled Basin Packages - Pit Boss

Model No.	Solids (in)	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	20x30 Basin		25x24 Basin	
							Part No.	List Price	Part No.	List Price
SEV412	2	1/2	115	1	3450	15'	126914	\$848	126920	\$1,049
SE411	2	4/10	115	1	1750	15'	126915	\$1,021	126921	\$1,021
SE421	2	4/10	230	1	1750	15'	126916	\$1,088	126922	\$1,088

Includes Poly Basin and split cover with float tree, pump, automatic piggy-back float, vertical compression check valve.

Basement Genie (Un-Assembled)

Model No.	Part No.	Solids (in)	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
BGBSEV412	102147	2	1/2	115	1	3450	15	Yes	92	\$1,486
BGBSE411	102148	2	4/10	115	1	1750	15	Yes	102	\$1,716

Includes pump, basin, 2" PVC discharge pipe, 2" NPT vent flange, 2" straight discharge flange, 2" rubber gasket, cast iron closet flange, rubber cord grommet, 3/8" foam lid gasket, 2" check valve and hardware. Boxed un-assembled.

** Impeller trim additional charge: list price	\$181
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EP52 and EP72 - 1.5" Discharge, .75" Solids, 230V, 1 Phase

Skid Quantity = 40

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
EP52X	119330	1/2	230	1	3450	20	No	35	\$439
EP52AX	119411	1/2	240	1	3450	20	No	35	\$439
EP52VFX	119412	2/2	240	1	3450	20	No	35	\$439
EP72X	119331	3/4	230	1	3450	20	No	36	\$481
EP72AX	119413	3/4	240	1	3450	20	No	36	\$481
EP72VFX	119414	3/4	240	1	3450	20	No	36	\$481

EHV412 Series - 2" Discharge, .75" Solids

Skid Quantity = 40

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
EHV412	101298	1/2	115	1	3450	20	No	44	\$577
EHV412	101298G	1/2	115	1	3450	30	No	45	\$611
EHV412A	103542	1/2	115	1	3450	20	Yes	45	\$637
EHV412VF	101300	1/2	115	1	3450	20	Yes	45	\$642
EHV412AT	103543	1/2	115	1	3450	20	Yes	45	\$642

"A" Designates piggy back mechanical float switch.

"AT" Designates piggy back mechanical float switch attached to pump.

"VF" Designates piggy back vertical float switch.

BP314 and BP324 - Manual & Automatic, 2" Discharge, .75" Solids

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price	See Ref	
BP314**	096727	1/3	120	1	1750	15	No	52	\$779	1	
BP314A**	096728	1/3	120	1	1750	15	Yes	53	\$836	1	
BP314AU**	096729	1/3	120	1	1750	15	Yes	53	\$895	1	
BP314VF**	100834	1/3	120	1	1750	15	Yes	53	\$895	1	
BP314BR	096732	1/3	120	1	1750	15	No	52	\$3,975	1	
BP314ABR	096733	1/3	120	1	1750	15	Yes	53	\$4,101	1	
BP314AUBR	096734	1/3	120	1	1750	15	Yes	53	\$4,354	1	
BP314VFBR	100835	1/3	120	1	1750	15	Yes	53	\$4,419	1	
BP324**	096730	1/3	240	1	1750	15	No	52	\$843	1	
BP324AU**	096731	1/3	240	1	1750	15	Yes	53	\$967	1	
BP324BR	096735	1/3	240	1	1750	15	No	53	\$4,101	1	
BP324AUBR	096736	1/3	240	1	1750	15	Yes	53	\$4,482	1	
									** Bronze Impeller - add to list price of iron pump	\$116	

"A" Designates piggy back mechanical float switch.

"AU" Designates integral mechanical float switch.

"VF" Designates piggy back vertical float switch.

"BR" Designates bronze pump.

See ABC Accessory Price Book for panel pricing

Reference 1		Part No.
Seal Kit	Single Seal	085202
Service Kit	Single Seal	085201

** Impeller trim additional charge: list price	\$181
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EH Series - 2" Discharge, .75" Solids, Single Seal

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price	See Ref
EH512L	105058	1/2	115	1	3450	20	No	81	\$1,295	1
EH522L	105059	1/2	230	1	3450	20	No	81	\$1,331	1
EH592L	105060	1/2	200/230	3	3450	20	No	81	\$1,443	1
EH542L	105061	1/2	460	3	3450	20	No	81	\$1,443	1
EH552L	105062	1/2	575	3	3450	20	No	81	\$1,443	1
EH1022L	105068	1	230	1	3450	20	No	86	\$1,554	1
EH1092L	105069	1	200/230	3	3450	20	No	86	\$1,707	1
EH1042L	105070	1	460	3	3450	20	No	86	\$1,707	1
EH1052L	105071	1	575	3	3450	20	No	86	\$1,707	1
EH1522L	105076	1 1/2	230	1	3450	20	No	97	\$1,853	1
EH1592L	105077	1 1/2	200/230	3	3450	20	No	97	\$2,025	1
EH1542L	105078	1 1/2	460	3	3450	20	No	97	\$2,025	1
EH1552L	105079	1 1/2	575	3	3450	20	No	97	\$2,025	1

EH/DS - 2" Discharge, .75" Solids, Double Seal

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price	See Ref
EH512DS	105063	1/2	115	1	3450	20	No	105	\$1,582	2
EH522DS	105064	1/2	230	1	3450	20	No	105	\$1,617	2
EH592DS	105065	1/2	200/230	3	3450	20	No	105	\$1,731	2
EH542DS	105066	1/2	460	3	3450	20	No	105	\$1,731	2
EH552DS	105067	1/2	575	3	3450	20	No	105	\$1,731	2
EH1022DS	105072	1	230	1	3450	20	No	110	\$1,845	2
EH1092DS	105073	1	200/230	3	3450	20	No	110	\$2,000	2
EH1042DS	105074	1	460	3	3450	20	No	110	\$2,000	2
EH1052DS	105075	1	575	3	3450	20	No	110	\$2,000	2
EH1522DS	105080	1 1/2	230	1	3450	20	No	121	\$2,141	2
EH1592DS	105081	1 1/2	200/230	3	3450	20	No	121	\$2,318	2
EH1542DS	105082	1 1/2	460	3	3450	20	No	121	\$2,318	2
EH1552DS	105083	1 1/2	575	3	3450	20	No	121	\$2,318	2

See ABC Accessory Price Book for panel pricing

Reference 1		Part No.
Seal Kit	Single Seal	130180
Service Kit	Single Seal	130207

Reference 2		Part No.
Seal Kit	Double Seal	130176
Service Kit	Double Seal	130172

** Impeller trim additional charge: list price	\$181
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STEP/SS Series - 2" Discharge, .75" Solids, Single Seal

Skid Quantity = 6

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price	See Ref
STEP512SS	105045	1/2	115	1	3450	20	No	80	\$1,369	1
STEP512SSA	105045A	1/2	115	1	3450	20	Yes	80	\$1,428	1
STEP522SS	105046	1/2	230	1	3450	20	No	80	\$1,407	1
STEP592SS	105047	1/2	200/230	3	3450	20	No	80	\$1,513	1
STEP542SS	105048	1/2	460	3	3450	20	No	80	\$1,513	1
STEP552SS	105049	1/2	575	3	3450	20	No	80	\$1,513	1
STEP1022SS	105054	1	230	1	3450	20	No	91	\$1,643	1
STEP1092SS	105055	1	200/230	3	3450	20	No	91	\$1,790	1
STEP1042SS	105056	1	460	3	3450	20	No	91	\$1,790	1
STEP1052SS	105057	1	575	3	3450	20	No	91	\$1,790	1

"A" Designates piggy back mechanical float switch.

STEP/DS Series - 2" Discharge, .75" Solids, Double Seal

Skid Quantity = 6

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price	See Ref
STEP512DS	105040	1/2	115	1	3450	15	No	90	\$1,662	2
STEP522DS	105041	1/2	230	1	3450	15	No	90	\$1,698	2
STEP592DS	105042	1/2	200/230	3	3450	15	No	90	\$1,799	2
STEP542DS	105043	1/2	460	3	3450	15	No	90	\$1,799	2
STEP552DS	105044	1/2	575	3	3450	15	No	90	\$1,799	2
STEP1022DS	105050	1	230	1	3450	15	No	101	\$1,930	2
STEP1092DS	105051	1	200/230	3	3450	15	No	101	\$2,080	2
STEP1042DS	105052	1	460	3	3450	15	No	101	\$2,080	2
STEP1052DS	105053	1	575	3	3450	15	No	101	\$2,080	2

See ABC Accessory Price Book for panel pricing

Reference 1		Part No.
Seal Kit	Single Seal	130180
Service Kit	Single Seal	130207

Reference 2		Part No.
Seal Kit	Double Seal	130176
Service Kit	Double Seal	130172

** Impeller trim additional charge: list price	\$181
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High Temperature Sump Pump

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SP33HTX	113667	1/3	120	1	3450	20	No	24	\$620

Use 090269XB piggy back high temperature level control for automatic operation.

BP314HT Series - High Temperature Submersible, Manual & Automatic, 2" Discharge, .75" Solids

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price	See Ref
BP314HT	096737	1/3	115	1	1750	15	No	52	\$1,215	1
BP314HTA	096738	1/3	115	1	1750	15	Yes	53	\$1,277	1
BP314HTAU	096739	1/3	115	1	1750	15	Yes	53	\$1,338	1
BP314HTBR	096742	1/3	115	1	1750	15	No	53	\$4,101	1
BP314HTABR	096743	1/3	115	1	1750	15	Yes	53	\$4,229	1
BP314HTAUBR	096744	1/3	115	1	1750	15	Yes	53	\$4,482	1
BP324HT	096740	1/3	230	1	1750	15	No	52	\$1,277	1
BP324HTAU	096741	1/3	230	1	1750	15	Yes	53	\$1,404	1
BP324HTBR	096745	1/3	230	1	1750	15	No	53	\$4,354	1
BP324HTAUBR	096746	1/3	230	1	1750	15	Yes	53	\$4,607	1

"HT" designates high temperature.

"A" designates piggy back mechanical float switch.

"AU" designates integral mechanical float switch.

"BR" Designates bronze pump.

EH Series - High Temp - 2" Discharge, .75" Solids, Single Seal

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price	See Ref
EH512HT	105084	1/2	115	1	3450	20	No	88	\$1,607	3
EH522HT	105085	1/2	230	1	3450	20	No	88	\$1,607	3
EH1522HT	105093	1 1/2	230	1	3450	20	No	98	\$1,981	3
EH1592HT	105094	1 1/2	230	3	3450	20	No	98	\$1,981	3
EH1542HT	105095	1 1/2	460	3	3450	20	No	98	\$1,981	3

Refer to ABC Accessory Price Book for floats and Hi-Temp floats information

Reference 1		Part No.
Seal Kit	Single Seal	085202
Service Kit	Single Seal	085201

Reference 3		Part No.
Seal Kit	Single Seal	130180
Service Kit	Single Seal	130207

** Impeller trim additional charge: list price	\$181
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SE411HT & SE421HT High Temperature Manual & Automatic, 2" Discharge, 2" Solids

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SE411HT	096764	4/10	115	1	1750	15	No	53	\$1,106
SE411HTA	096765	4/10	115	1	1750	15	Yes	55	\$1,168
SE421HT	096767	4/10	230	1	1750	15	No	55	\$1,172

"A" Designates piggy back mechanical float switch.

"AU" Designates integral mechanical float switch.

SE51 and SE52 Series - High Temperature, Manual & Automatic, 2" Discharge, 2" Solids

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
SE51HT	104876	1/2	120	1	1750	15	No	85	\$1,405
SE51HTA	104877	1/2	120	1	1750	15	Yes	85	\$1,462
SE51HTAU	104878	1/2	120	1	1750	15	Yes	85	\$1,571
SE52HT	104879	1/2	240	1	1750	15	No	85	\$1,471
SE52HTAU	104880	1/2	240	1	1750	15	Yes	85	\$1,636

"HT" designates high temperature.

"A" Designates piggy back mechanical float switch.

"AU" Designates integral mechanical float switch.

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Fountain Pumps 1.25" Discharge, UL Listed

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length	Weight (lb)	List Price
SFU31	087781	1/3	115	1	3450	12'	47	\$1,938
SFU51	087782	1/2	115	1	3450	12'	52	\$1,999
SFU71	087783	3/4	115	1	3450	12'	55	\$2,016
SFU72	087784	3/4	230	1	3450	12'	55	\$2,937
SFU102	087785	1	230	1	3450	12'	56	\$2,184

Special suction chamber keeps motor 2/3 submerged at all times for cool operation.

Modifications may affect "UL" listing.

Fountain Pumps 2" and 3" Discharge, CSA Listed

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length	Weight (lb)	List Price
SF411	109972	4/10	115	1	1750	15'	53	\$859
SF51	109974	1/2	120	1	1750	15'	85	\$1,151
3SF1074L	109975	1	200/230	1	1750	15'	95	\$1,747
3SF3024L	109977	3	230	1	1750	25'	170	\$3,862
3SF1524HD	110952	1 1/2	230	1	1750	25'	185	\$3,634
3SF2024HD	110953	2	230	1	1750	25'	190	\$3,832

"HD" Designates heavy duty.

Transfer Pumps

Skid Quantity = 12

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length	Automatic	Weight (lb)	List Price
BT12	134677	1/12	120	1	3450	8' 6"	No	6	\$153
BT50	134678	1/5	120	1	3450	9' 6"	No	16	\$300

Condensate Pumps

Model No.	Part No.	Motor (hp)	Volts	Phase	Hz	Cord Length	Automatic	Weight (lb)	List Price
BC-15	135782	1/50	120	1	60	6'	Yes	5	\$102
BC-20S	135783	1/30	120	1	60	6'	Yes	5	\$117

** Impeller trim additional charge: list price	\$181
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Model 70 and 125 Dewatering Pumps

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
70	115070	7/10	120	1	3450	50	Yes	30	\$1,127
71	115071	7/10	240	1	3450	50	Yes	30	\$1,127
125	115125	1 1/4	120	1	3450	50	Yes	30	\$1,215
126	115126	1 1/4	240	1	3450	50	Yes	30	\$1,215

Portable Utility Pump

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
UT17	113824	1/6	120	1	3450	15	No	7	\$164

Use 101758 piggy back level control for automatic operation.

BOSS - Barnes Oil Sensor Switch with high water alarm

Model No.	Part No.	Volts	Phase	Full Load Amps	Cord Length (ft)	Automatic	Weight (lb)	Enclosure	List Price
BOSS HWA w/Nema1	135795	120	1	15	10	Yes	10	NEMA 1	\$1,315
BOSS HWA w/Nema 4	137347	115	1	15	10	Yes	15	NEMA 4	\$3,851
BOSS PLUS HWA w/Nema 1	137040	120	1	15	10	Yes	10	NEMA 1	\$1,456
BOSS PLUS HWA w/Nema 4	137346	115	1	15	10	Yes	15	NEMA 4	\$3,893
BOSS PLUS HWA w/Nema 4	136154	208/230/460	3	15	10	Yes	35	NEMA 4	\$4,949

BOSS - Barnes Oil Sensor Switch with high water alarm AND PUMP

Model No.	Part No.	Motor (hp)	Volts	Phase	RPM	Pump Cord Length (ft)	Automatic	Weight (lb)	Enclosure	List Price
BOSS HWA with SP50X pump	135784	1/2	120	1	3450	20	Yes	40	NEMA 1	\$1,757
BOSS HWA with SP75X pump	135785	3/4	120	1	3450	20	Yes	44	NEMA 1	\$1,791
BOSS HWA with EHV412 pump	135786	1/2	120	1	3450	20	Yes	54	NEMA 1	\$1,948

HWA = High Water Alarm

Battery Back Up Pump System

Model No.	Part No.	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
BUS	100940	120	1	3450	8	Yes	10	\$274

Includes: pump, switch & controller with plastic ties for mounting, charger, battery cap, battery level sensor.
Does not include battery.

Battery Back Up Inverter System

Model No.	Part No.	Volts	Phase	RPM	Cord Length (ft)	Automatic	Weight (lb)	List Price
BB15-12	135787	120	1	3450	5' 6"	Yes	17	\$1,686

Pump not included

** Impeller trim additional charge: list price	\$181
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All prices in U.S. dollars, F.O.B. Piqua, Ohio.
Prices subject to change without notice.

Additional Cable

Size	Description	List Price/ft
14/4	Three phase - cord type SOW	\$7
1/43	Single phase - cord type SO	\$7
14/3	Single phase - cord type SOO	\$7
14/3	Single phase - cord type SOW	\$7
14/3	Single phase - 3 conductor SJTO Thermoplastic	\$7
14/3	Single phase - cord type SJTOW	\$7
14/3	Single phase - cord type SJTW	\$7
18/5	Moisture sensor cable SOW	\$7
18/5	Moisture and temperature sensor cable, three phase, cord type SOW	\$7
14/3	Temp sensor cable 3 phase SOW	\$7
	Temperature Sensor - 3 Phase Only	\$224

EXTRA CABLE LENGTH MUST BE INDICATED WHEN PUMP IS ORDERED.

If explosion proof pump, only use this price table for pumps not covered by another price table.