

HYDRODUTY™ - STAINLESS STEEL - ENCAPSULATED

TEFC - Three-Phase - C-Face Foot Mount	A-120
TEFC – Three-Phase C-Face Footless	A-121

PICKERPLUS™ - WHITE EPOXY - ENCAPSULATED

TEFC - Three-Phase - C-Face Foot Mount	A-122
TEFC – Three-Phase C-Face Footless	A-122

SHARK™ - STAINLESS STEEL

TEFC - Three-Phase - C-Face Foot Mount	A-123
TEFC – Three-Phase C-Face Footless	A-124

HYDROWASH™ - WHITE EPOXY

TEFC - Three-Phase - C-Face Foot Mount	A-125
TEFC – Three-Phase C-Face Footless	A-125

Encapsulated Washdown Motors

Bluffton Hydroduty™



The Ultimate Washdown Motor

- This is the ultimate stainless steel waterproof motor. It has been proven to provide 75% more cycles than other brands through extreme environment testing.
- Significantly reduces motor replacement and downtime costs



Performance Specifications

- 1/2 to 5 hp, 860, 1140, 1725 or 3450 RPM
- TENV or TEFC enclosures
- NEMA Frames 56C, 143TC, 145TC and 182TC
- Metric Frame 80-B5 and 100L - B14
- IP66

Bluffton PickerPlus™



Severe Duty Feather Picker Motor

- Withstands Frequent sanitizing with high pressure sprays and caustic fluids.
- Designed to withstand extreme side loading requirements
- Meets NEMA MG1 Part 31 for Inverter Duty operation



Performance Specifications

- 3 hp, 1725 RPM
- TEFC enclosure
- 145TC NEMA or 100L Metric Frames
- Footless or Base Mounted
- IP66

Wash Down Duty

General Purpose Washdown Motors

Shark™



Stainless Steel Washdown Motor

- For use in food processing, pharmaceutical and other applications requiring extreme cleanliness
- Class F epoxy insulation
- F1 mounted



Performance Specifications

- 1-10 hp NEMA Premium®
- 1800 and 3600 RPM
- TEFC enclosures
- Frames 143TC to 215TC
- Base Mounted
- IP55

Bluffton HydroWash™



White Painted Washdown Motor

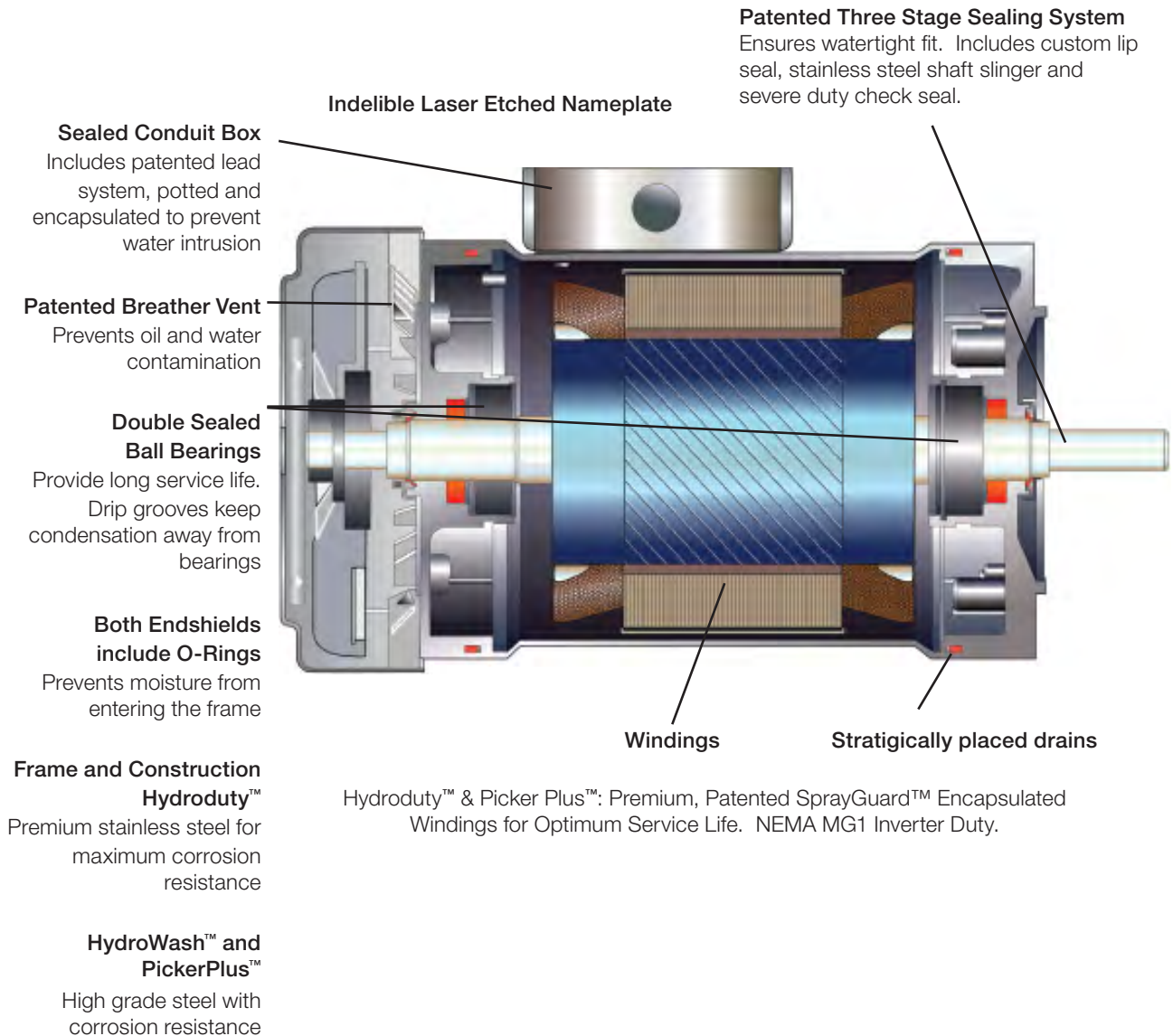
- Designed for long service life in general purpose washdown applications
- It provides extended service life that can reduce your downtime costs for motor replacement



Performance Specifications

- 1/2 to 2 hp, 1725 RPM
- TENV or TEFC enclosures
- NEMA Frames 56C or 145TC
- Footless or Base Mounted
- IP56

Bluffton™ Severe Duty Washdown Motors - HydroDuty™ and PickerPlus™



- **Built Durable** Withstands frequent sanitizing with high pressure sprays and extreme side loading requirements Especially designed for severe duty washdown applications.
- **Economical** Long lasting design that outperforms any other motor on the market. Extended service life that can save you \$10,000 - \$15,000 in downtime costs for motor replacement.
- **Best Warranty** We stand by our motors with the best warranties in the business.



Wash Down Duty



THREE -PHASE

Bluffton Hydroduty™ - Stainless Steel - TEFC - C-Face - Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.50	0.37	3600	56C	1323007112	\$1,416	S1	48	1.15	0.80	84.0	11.400	230/460	17;21;41
		1800	56C	1321007115	\$1,439	S1	47	1.00	0.90	82.5	11.400	230/460	1;17;21;41
		1200	56C	1311017133	\$1,694	S1	53	1.15	1.10	80.0	13.990	230/460	21;41
0.75	0.55	3600	56C	1323007110	\$1,460	S1	53	1.15	1.10	87.5	12.150	230/460	17;21;41
		1800	56C	1321007113	\$1,483	S1	50	1.00	1.20	84.0	12.150	230/460	1;17;21;41
		1800	56C	1311017121	\$1,544	S1	48	1.15	1.30	82.5	13.240	230/460	21;41
		1200	56C	1311017134	\$1,722	S1	56	1.15	1.50	82.5	14.490	230/460	21;41
		900	56C	1311017159	\$1,794	S1	61	1.00	2.70	70.0	15.420	230/460	1;21
1	0.75	3600	56C	1313017156	\$1,601	S1	49	1.15	1.50	78.5	13.240	230/460	21;41
		1800	56C	1311017115	\$1,619	S1	57	1.15	1.60	85.5	14.490	230/460	21;41
		1800	56C	1321007112	\$1,591	S1	58	1.00	1.60	85.5	13.150	230/460	1;17;21;41
		1800	56C	1321007139	\$1,696	S1	58	1.00	1.60	85.5	13.150	230/460	1;17;21;41
		1800	143TC	1321007119	\$1,615	S1	58	1.00	1.60	85.5	13.220	230/460	1;17;21;41
		1800	143TC	1321007159	\$1,550	S1	58	1.00	1.60	85.5	13.220	230/460	1;17;21;41
		1800	143TC	1311017124	\$1,642	S1	57	1.15	1.60	85.5	14.560	230/460	21;41
		1200	56C	1311017138	\$1,875	S1	64	1.15	1.90	82.5	15.490	230/460	21;41
		1200	143TC	1311017130	\$1,886	S1	64	1.15	1.90	82.5	15.560	230/460	21;41
1.5	1.1	3600	56C	1313017154	\$1,658	S1	50	1.15	2.30	84.0	13.250	230/460	21;41
		3600	145TC	1313017155	\$1,658	S1	50	1.15	2.30	84.0	13.310	230/460	21;41
		1800	56C	1311017110	\$1,683	S1	65	1.15	2.20	86.5	15.490	230/460	21;41
		1800	145TC	1311017111	\$1,706	S1	65	1.15	2.20	86.5	15.560	230/460	21;41
2	1.5	3600	56C	1313017152	\$1,958	S1	53	1.15	2.90	85.5	13.990	230/460	21;41
		3600	145TC	1313017153	\$1,976	S1	53	1.15	2.90	85.5	14.060	230/460	21;41
		1800	56C	1311017114	\$1,981	S1	65	1.15	2.80	86.5	15.490	230/460	21;41
		1800	145TC	1311017113	\$2,005	S1	65	1.15	2.80	86.5	15.560	230/460	21;41
3	2.2	1800	182TC	H311007101	\$4,210	S1	128	1.15	4.20	89.5	15.340	230/460	21
5	3.7	1800	184TC	H311007102	\$4,953	S1	138	1.00	6.70	89.5	15.960	230/460	1;21

Wash Down Duty

Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit [http:// www.weg.net](http://www.weg.net)



Wash Down Duty

THREE -PHASE

Bluffton Hydroduty™ - Stainless Steel - TEFC - C-Face - Footless

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.50	0.37	3600	56C	1323007113	\$1,398	S1	48	1.15	0.80	84.0	11.400	230/460	17;20;21;41
		1800	56C	1321007121	\$1,421	S1	47	1.00	0.90	82.5	11.400	230/460	1;17;20;21;41
		1200	56C	1311017136	\$1,666	S1	53	1.15	1.10	80.0	13.990	230/460	20;21;41
0.75	0.55	3600	56C	1323007114	\$1,443	S1	53	1.15	1.10	87.5	12.150	230/460	17;20;21;41
		1800	56C	1321007117	\$1,465	S1	52	1.00	1.20	84.0	12.150	230/460	1;17;20;21;41
		1800	56C	1311017122	\$1,526	S1	48	1.15	1.30	82.5	13.240	230/460	20;21;41
		1200	56C	1311017137	\$1,704	S1	56	1.15	1.50	82.5	14.490	230/460	20;21;41
1	0.75	3600	56C	1313017161	\$1,581	S1	49	1.15	1.50	78.5	13.240	230/460	20;21;41
		1800	56C	1321007125	\$1,572	S1	60	1.00	1.60	85.5	13.150	230/460	1;17;20;21;41
		1800	56C	1321007140	\$1,676	S1	58	1.00	1.60	85.5	13.150	230/460	1;17;20;21;41
		1800	56C	1311017123	\$1,601	S1	57	1.15	1.60	85.5	14.490	230/460	20;21;41
		1800	143TC	1321007124	\$1,595	S1	60	1.00	1.60	85.5	13.220	230/460	1;17;20;21;41
		1800	143TC	1311017125	\$1,626	S1	57	1.15	1.60	85.5	14.560	230/460	20;21;41
		1800	80-B5	1311017152	\$1,879	S1	58	1.15	1.60	85.5	15.340	230/460	20;21;41
		1800	100-B14	1321007158	\$1,891	S1	52	1.00	1.60	85.5	13.440	230/460	1;17;20;21
		1200	56C	1311017135	\$1,771	S1	64	1.15	1.90	82.5	15.490	230/460	20;21;41
		1200	143TC	1311017139	\$1,782	S1	64	1.15	1.90	82.5	15.560	230/460	20;21;41
1.5	1.1	3600	56C	1313017159	\$1,641	S1	50	1.15	2.30	84.0	13.240	230/460	20;21;41
		3600	145TC	1313017160	\$1,597	S1	50	1.15	2.30	84.0	13.310	230/460	20;21;41
		1800	56C	1311017117	\$1,663	S1	65	1.15	2.20	86.5	15.490	230/460	20;21;41
		1800	145TC	1311017118	\$1,688	S1	65	1.15	2.20	86.5	15.560	230/460	20;21;41
2	1.5	3600	56C	1313017157	\$1,940	S1	53	1.15	2.90	85.5	13.990	230/460	20;21;41
		3600	145TC	1313017158	\$1,958	S1	53	1.15	2.90	85.5	14.060	230/460	20;21;41
		1800	56C	1311017119	\$1,962	S1	65	1.15	2.80	86.5	15.490	230/460	20;21;41
		1800	145TC	1311017120	\$1,985	S1	65	1.15	2.80	86.5	15.560	230/460	20;21;41
3	2.2	1800	182TC	H311007103	\$4,155	S1	128	1.15	4.20	89.5	15.340	230/460	20;21
5	3.7	1800	184TC	H311007104	\$4,924	S1	138	1.00	6.70	89.5	15.960	230/460	1;20;21

Wash Down Duty

Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit [http:// www.weg.net](http://www.weg.net)

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Wash Down Duty



THREE -PHASE

Bluffton PickerPlus™ - White Epoxy - TEFC - C-Face - Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
3	2.2	1800	145TC	1311017192	\$1,736	S1	68	1.00	4.40	81.5	15.560	230/460	1;9
3	2.2	1800	100L-B14	1311017196	\$1,852	S1	68	1.00	4.40	81.5	15.780	230/460	1;9



Bluffton PickerPlus™ - White Epoxy - TEFC - C-Face - Footless

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
3	2.2	1800	100L-B14	1311017195	\$1,803	S1	66	1.00	4.40	81.5	15.780	230/460	1;9;20
3	2.2	1800	100L-B5	1311017191	\$1,820	S1	67	1.00	4.40	81.5	16.180	230/460	1;9;20

Wash Down Duty

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Wash Down Duty

THREE -PHASE

Shark™ - Stainless Steel - TEFC - C-Face - Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.33	0.25	1800	56C	.3318EP3ESS56C	\$550	S1	29	1.15	0.53	79.8	11.250	230/460	17;21
0.50	0.37	3600	56C	.5036EP3ESS56C	\$569	S1	30	1.15	0.65	78.3	11.250	230/460	17;21
		1800	56C	.5018EP3ESS56C	\$575	S1	33	1.15	0.73	81.2	11.250	230/460	17;21
		1200	56C	.5012EP3ESS56C	\$682	S1	34	1.15	0.86	79.1	11.670	230/460	17;21
		3600	56C	.7536EP3ESS56C	\$590	S1	30	1.15	1.02	81.9	11.250	230/460	17;21
0.75	0.55	1800	56C	.7518EP3ESS56C	\$616	S1	34	1.15	1.06	81.3	11.250	230/460	17;21
		1200	56HC	.7512EP3ESS56C	\$723	S1	41	1.15	1.22	82.9	11.670	230/460	17;21
		3600	56HC	00136ET3ESS56C	\$701	S1	38	1.15	1.45	77.0	14.000	230/460	21
1	0.75	3600	56HC	00136NT3ESS56C	\$713	S1	39	1.15	1.45	77.0	11.940	230/460	17;21
		1800	56HC	00118ET3ESS56C	\$723	S1	38	1.15	1.46	85.5	14.000	230/460	21
		1800	56HC	00118NT3ESS56C	\$735	S1	38	1.15	1.46	85.5	11.940	230/460	17;21
		1800	143TC	00118ET3ESS143TC	\$857	S1	38	1.15	1.46	85.5	13.400	230/460	21
		1800	143TC	00118NT3ESS143TC	\$889	S1	38	1.15	1.46	85.5	11.210	230/460	17;21
		3600	56HC	00156ET3ESS56C	\$825	S1	41	1.15	1.99	84.0	14.000	230/460	21
1.5	1.1	1800	56HC	00158ET3ESS56C	\$846	S1	44	1.15	2.06	86.5	14.000	230/460	21
		1800	145TC	00158ET3ESS145TC	\$872	S1	43	1.15	2.06	86.5	14.200	230/460	21
		3600	56HC	00236ET3ESS56C	\$989	S1	47	1.15	2.55	85.5	14.000	230/460	21
2	1.5	3600	145TC	00236ET3ESS145TC	\$1,113	S1	45	1.15	2.55	85.5	14.200	230/460	21
		1800	56HC	00218ET3ESS56C	\$1,001	S1	51	1.15	2.71	86.5	14.000	230/460	21
		1800	145TC	00218ET3ESS145TC	\$1,219	S1	52	1.15	2.78	86.5	13.600	230/460	21
		3600	182TC	00336ET3ESS182TC	\$1,564	S1	100	1.15	3.73	86.5	17.300	230/460	21
3	2.2	1800	182TC	00318ET3ESS182TC	\$1,453	S1	113	1.15	3.92	89.5	17.100	230/460	21
		3600	184TC	00536ET3ESS184TC	\$1,779	S1	111	1.15	6.01	88.5	17.900	230/460	21
5	3.7	1800	184TC	00518ET3ESS184TC	\$1,607	S1	120	1.15	6.54	89.5	17.900	230/460	21
		3600	213TC	00736ET3ESS213TC	\$2,208	S1	158	1.15	8.82	89.5	20.500	230/460	21
7.5	5.5	1800	213TC	00718ET3ESS213TC	\$2,201	S1	173	1.15	9.12	91.7	20.500	230/460	21
		3600	215TC	01036ET3ESS215TC	\$2,713	S1	177	1.15	11.5	90.2	22.000	230/460	21
10	7.5	1800	215TC	01018ET3ESS215TC	\$2,452	S1	208	1.15	12.2	91.7	22.000	230/460	21

Wash Down Duty

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THREE -PHASE

Shark™ - Stainless Steel - TEFC - C-Face - Footless

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.33	0.25	1800	56C	.3318EP3ESS56CFL	\$550	S1	28	1.15	0.53	79.8	11.250	230/460	17;20;21
0.50	0.37	3600	56C	.5036EP3ESS56CFL	\$569	S1	29	1.15	0.65	78.3	11.250	230/460	17;20;21
		1800	56C	.5018EP3ESS56CFL	\$575	S1	32	1.15	0.73	81.2	11.250	230/460	17;20;21
		1200	56C	.5012EP3ESS56CFL	\$682	S1	33	1.15	0.86	79.1	11.670	230/460	17;20;21
		3600	56C	.7536EP3ESS56CFL	\$590	S1	29	1.15	1.02	81.9	11.250	230/460	17;20;21
0.75	0.55	1800	56C	.7518EP3ESS56CFL	\$616	S1	33	1.15	1.06	81.3	11.250	230/460	17;20;21
		1200	56C	.7512EP3ESS56CFL	\$723	S1	40	1.15	1.22	82.9	11.670	230/460	17;20;21
		3600	56HC	00136ET3ESS56CFL	\$701	S1	37	1.15	1.45	77.0	14.000	230/460	20;21
1	0.75	3600	56HC	00136NT3ESS56CFL	\$713	S1	38	1.15	1.45	77.0	11.940	230/460	17;20;21
		1800	56HC	00118ET3ESS56CFL	\$723	S1	37	1.15	1.46	85.5	14.000	230/460	20;21
		1800	56HC	00118NT3ESS56CFL	\$735	S1	38	1.15	1.46	85.5	11.940	230/460	17;20;21
		1800	143TC	00118ET3ESS143TCFL	\$857	S1	38	1.15	1.46	85.5	13.400	230/460	20;21
		1800	143TC	00118NT3ESS143TCFL	\$889	S1	38	1.15	1.46	85.5	11.210	230/460	17;20;21
		3600	56HC	00156ET3ESS56CFL	\$825	S1	40	1.15	1.99	84.0	14.000	230/460	20;21
1.5	1.1	3600	143TC	00156ET3ESS143TCFL	\$858	S1	41	1.15	1.99	84.0	13.400	230/460	20;21
		1800	56HC	00158ET3ESS56CFL	\$846	S1	43	1.15	2.06	86.5	14.000	230/460	20;21
		1800	145TC	00158ET3ESS145TCFL	\$872	S1	43	1.15	2.06	86.5	14.200	230/460	20;21
		3600	56HC	00236ET3ESS56CFL	\$989	S1	45	1.15	2.55	85.5	14.000	230/460	20;21
2	1.5	3600	145TC	00236ET3ESS145TCFL	\$1,113	S1	45	1.15	2.55	85.5	14.200	230/460	20;21
		1800	56HC	00218ET3ESS56CFL	\$1,001	S1	49	1.15	2.71	86.5	14.000	230/460	20;21
		1800	145TC	00218ET3ESS145TCFL	\$1,219	S1	52	1.15	2.78	86.5	13.600	230/460	20;21
		3600	145TC	00336ET3ESS145TCFL	\$1,564	S1	59	1.15	3.78	86.5	16.200	230/460	20;21
3	2.2	3600	182TC	00336ET3ESS182TCFL	\$1,564	S1	98	1.15	3.73	86.5	17.300	230/460	20;21
		1800	182TC	00318ET3ESS182TCFL	\$1,453	S1	111	1.15	3.92	89.5	17.100	230/460	20;21
		3600	184TC	00536ET3ESS184TCFL	\$1,779	S1	109	1.15	6.01	88.5	17.900	230/460	20;21
5	3.7	1800	184TC	00518ET3ESS184TCFL	\$1,607	S1	118	1.15	6.54	89.5	17.900	230/460	20;21
		3600	213TC	00736ET3ESS213TCFL	\$2,208	S1	155	1.15	8.82	89.5	20.500	230/460	20;21
7.5	5.5	1800	213TC	00718ET3ESS213TCFL	\$2,201	S1	170	1.15	9.12	91.7	20.500	230/460	20;21
		3600	215TC	01036ET3ESS215TCFL	\$2,713	S1	174	1.15	11.5	90.2	22.000	230/460	20;21
10	7.5	1800	215TC	01018ET3ESS215TCFL	\$2,452	S1	205	1.15	12.2	91.7	22.000	230/460	20;21

Wash Down Duty

Please refer to back cover for description of "NOTES"

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Bluffton HydroWash™ - White Epoxy - TEFC - C-Face - Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.50	0.37	1800	56C	1321007145	\$516	S1	29	1.15	0.80	80.0	10.230	230/460	9;17
0.75	0.55	1800	56C	1321007146	\$566	S1	35	1.15	1.20	82.5	10.990	230/460	9;17
1	0.75	1800	56C	1321007143	\$605	S1	42	1.15	1.50	85.5	11.980	230/460	9;17
		1800	145TC	1321007148	\$642	S1	42	1.15	1.50	85.5	11.720	230/460	9;17
1.5	1.1	1800	56C	1311017163	\$683	S1	44	1.15	2.20	86.5	13.460	230/460	9;20
		1800	145TC	1311017155	\$683	S1	44	1.15	2.20	86.5	13.570	230/460	9
2	1.5	1800	56C	1311017161	\$728	S1	51	1.15	2.80	86.5	14.550	230/460	9
		1800	145TC	1311017154	\$728	S1	51	1.15	2.80	86.5	14.550	230/460	9



Bluffton HydroWash™ - White Epoxy - TEFC - C-Face - Footless

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.50	0.37	1800	56C	1321007144	\$510	S1	29	1.15	0.80	80.0	10.230	230/460	9;17;20
0.75	0.55	1800	56C	1321007147	\$553	S1	35	1.15	1.20	82.5	10.990	230/460	9;17;20
1	0.75	1800	56C	1321007142	\$599	S1	42	1.15	1.50	85.5	11.980	230/460	9;17;20
		1800	145TC	1321007149	\$628	S1	42	1.15	1.50	85.5	11.720	230/460	9;17;20
1.5	1.1	1800	56C	1311017164	\$668	S1	44	1.15	2.20	86.5	13.460	230/460	9
		1800	145TC	1311017156	\$668	S1	44	1.15	2.20	86.5	13.570	230/460	9;20
2	1.5	1800	56C	1311017162	\$672	S1	51	1.15	2.80	86.5	14.550	230/460	9;20
		1800	145TC	1311017157	\$672	S1	51	1.15	2.80	86.5	14.550	230/460	9;20