



August, 2007

Supersedes all previous issues

**250 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
49	10.9	FP10WALC 3 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	886	X	X
55	12.4	FP10WALC 4 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	886	X	X
60	13.5	FP10WALC 4 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	886	X	X
65	14.7	FP10WALC 4 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	942	X	X
70	15.3	FP10WALC 4 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	942	X	X
75	16.6	FP10WALC 4 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	942	X	X
80	17.7	FP10WALC 4 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	942	X	X
85	18.9	FP10WALC 4 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	942	X	X
90	19.9	FP10WALC 5 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	998	X	X
95	21	FP10WALC 5 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	998	X	X
100	22.1	FP10WALC 5 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	998	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
105	23.2	FP10WALC 5 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	998	X	X
110	24.4	FP10WALC 5 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	998	X	X
115	25.4	FP10WALC 6 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	1054	X	X
120	26.4	FP10WALC 6 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	1054	X	X
125	27.6	FP10WALC 6 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	1054	X	X
130	28.8	FP10WALC 6 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	1054	X	X
135	29.9	FP10WALC 7 STAGE	4 X 12 - 125#	4 X 1.0 X 10'	M40	1110	X	X
140	31.8	FP10WALC 7 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M40	1120	X	X
145	32.1	FP10WALC 7 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M40	1120	X	X
150	33.2	FP10WALC 7 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M40	1120	X	X
155	34.4	FP10WALC 7 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M40	1120	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
160	35.2	FP10WALC 8 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M40	1176	X	X
165	36.4	FP10WALC 8 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M40	1176	X	X
170	37.5	FP10WALC 8 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M40	1176	X	X
175	38.7	FP10WALC 8 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M40	1176	X	X
180	39.6	FP10WALC 9 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M40	1232	X	X
185	40.9	FP10WALC 9 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M60	1232	X	X
190	42.1	FP10WALC 9 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M60	1232	X	X
195	43.2	FP10WALC 9 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M60	1232	X	X
200	44.4	FP10WALC 9 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M60	1232	X	X
206	45.8	FP10WALC 9 STAGE	4 X 12 - 250#	4 X 1.0 X 10'	M60	1232	X	X

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**500 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
54	20.8	FP11CLC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M40	1336	X	X
60	24	FP11CLC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M40	1336	X	X
65	26.7	FP11CLC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M40	1336	X	X
70	29.6	FP11CLC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M40	1336	X	X
75	32	FP11CLC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M40	1336	X	X
80	34.4	FP11CLC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M40	1336	X	X
85	36.7	FP11CLC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M40	1336	X	X
90	37.5	FP11CLC 4 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M40	1453	X	X
95	39.9	FP11CLC 4 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M40	1453	X	X
100	42.2	FP11CLC 4 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1453	X	X
105	44.6	FP11CLC 4 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1453	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
110	46.9	FP11CLC 4 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1453	X	X
115	48	FP11CLC 5 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1570	X	X
120	50.5	FP11CLC 5 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1570	X	X
125	52.9	FP11CLC 5 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1570	X	X
130	55.3	FP11CLC 5 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1570	X	X
135	57.6	FP11CLC 5 STAGE	6 X 16.5 - 250#	6 X 1.0 X 10'	M60	1585	X	X
140	59.9	FP11CLC 5 STAGE	6 X 16.5 - 250#	6 X 1.0 X 10'	M60	1585	X	X
145	61	FP11CLC 6 STAGE	6 X 16.5 - 250#	6 X 1.0 X 10'	M80	1702	X	X
150	63.3	FP11CLC 6 STAGE	6 X 16.5 - 250#	6 X 1.0 X 10'	M80	1702	X	X
155	65.7	FP11CLC 6 STAGE	6 X 16.5 - 250#	6 X 1.0 X 10'	M80	1702	X	X
160	66.7	FP11CLC 6 STAGE	6 X 16.5 - 250#	6 X 1.0 X 10'	M80	1702	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
165	69.4	FP11CLC 6 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M80	1742	X	X
170	71.6	FP11CLC 6 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M80	1742	X	X
175	74.1	FP11CLC 7 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M80	1859	X	X
180	76.5	FP11CLC 7 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M80	1859	X	X
185	78.8	FP11CLC 7 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M80	1859	X	X
190	81.2	FP11CLC 7 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	1859	X	X
195	83.3	FP11CLC 7 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	1859	X	X
200	85.5	FP11CLC 7 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	1859	X	X
205	86.4	FP11CLC 8 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	1976	X	X
210	89.3	FP11CLC 8 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	1976	X	X
215	91.7	FP11CLC 8 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	1976	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
220	93.9	FP11CLC 8 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	1976	X	X
225	96.3	FP11CLC 8 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	1976	X	X
230	97.4	FP11CLC 9 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	2093	X	X
235	99.8	FP11CLC 9 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M100	2093	X	X
240	102.2	FP11CLC 9 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M150	2178	X	X
245	104.4	FP11CLC 9 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M150	2178	X	X
250	106.8	FP11CLC 9 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M150	2178	X	X
256	109.6	FP11CLC 9 STAGE	6 X 16.5 - 250#	6 X 1.19 X 10'	M150	2178	X	X

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**750 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
71	41.4	FP11CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1336	X	X
75	44.2	FP11CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1336	X	X
80	47.6	FP11CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1336	X	X
85	52.1	FP11CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1336	X	X
90	56.6	FP11CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1336	X	X
95	59	FP11CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1453	X	X
100	58.4	FP11CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M60	1453	X	X
105	61.8	FP11CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.0 X 10'	M80	1453	X	X
110	66	FP11CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M80	1473	X	X
115	70.3	FP11CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M80	1473	X	X
120	74.8	FP11CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M80	1473	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
125	79.6	FP11CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M80	1473	X	X
130	75.9	FP11CHC 5 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M80	1570	X	X
135	80.3	FP11CHC 5 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M80	1570	X	X
140	84.6	FP11CHC 5 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M100	1570	X	X
145	89.4	FP11CHC 5 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M100	1570	X	X
150	93.6	FP11CHC 5 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M100	1570	X	X
155	98.3	FP11CHC 5 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M100	1592	X	X
160	94.7	FP11CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M100	1679	X	X
165	98.9	FP11CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M100	1679	X	X
170	103.2	FP11CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1764	X	X
175	107.7	FP11CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1764	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
180	112.3	FP11CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1764	X	X
185	117	FP11CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1764	X	X
190	113	FP11CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1881	X	X
195	117.4	FP11CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1881	X	X
200	122	FP11CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1881	X	X
	116.3	FP11CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1978	X	X
210	131	FP11CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1881	X	X
	123.1	FP11CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1978	X	X
215	135.9	FP11CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1881	X	X
220	140.4	FP11CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1881	X	X
225	136.9	FP11CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1978	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
230	140.6	FP11CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1978	X	X
235	145.4	FP11CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1978	X	X
240	149.7	FP11CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1978	X	X
245	145.9	FP11CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	2075	X	X
250	150.3	FP11CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	2075	X	X
255	148.6	FP11CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	2172	X	X
260	159.5	FP11CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2120	X	X
265	163.6	FP11CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2120	X	X
270	168.4	FP11CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2120	X	X
275	173.3	FP11CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2120	X	X
280	177.6	FP11CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2120	X	X

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285	182	FP11CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2120	X	X
290	178	FP11CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2217	X	X
295	182.5	FP11CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2217	X	X
300	187.1	FP11CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2217	X	X
305	191.8	FP11CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2217	X	X
310	196.6	FP11CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2217	X	X
315	201.3	FP11CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2527	X	X
320	205.5	FP11CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2527	X	X
323	210	FP11CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2527	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
85	66.5	FP12CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M80	1505	X	X
90	73	FP12CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M80	1505	X	X
95	81	FP12CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M100	1505	X	X
100	87.7	FP12CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M100	1505	X	X
105	92.9	FP12CHC 3 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M100	1505	X	X
110	82	FP12CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M100	1629		X
115	89	FP12CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M100	1629	X	X
120	96.4	FP12CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M100	1629	X	X
125	103.7	FP12CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M150	1714	X	X
130	111.4	FP12CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M150	1714	X	X
135	117.4	FP12CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M150	1714	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
140	122.2	FP12CHC 4 STAGE	6 X 16.5 - 125#	6 X 1.18 X 10'	M150	1714	X	X
145	112.9	FP12CHC 5 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1860	X	X
150	120.5	FP12CHC 5 STAGE	6 X 16.5 - 250#	6 X 1.18 X 10'	M150	1860	X	X
155	127.8	FP12CHC 5 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1870	X	X
160	135.6	FP12CHC 5 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1870	X	X
165	142.8	FP12CHC 5 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1870	X	X
170	148.1	FP12CHC 5 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	1870	X	X
	129.8	FP12CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	2004	X	X
175	152.8	FP12CHC 5 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	1915	X	X
	136.7	FP12CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	2004	X	X
180	144.6	FP12CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M150	2004	X	X

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Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
185	152	FP12CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2049	X	X
190	159.1	FP12CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2049	X	X
195	167.1	FP12CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2049	X	X
200	173.7	FP12CHC 6 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2049	X	X
205	161	FP12CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2163	X	X
210	168.6	FP12CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2163	X	X
215	175.6	FP12CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2163	X	X
220	183.1	FP12CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2163	X	X
225	190.6	FP12CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2163	X	X
230	198.4	FP12CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2163	X	X
	178.1	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2287	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1000 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
235	204.1	FP12CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2473	X	X
	184.6	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2287	X	X
240	209.2	FP12CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2473	X	X
	191.8	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2287	X	X
245	199.9	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2287	X	X
250	219	FP12CHC 7 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2473	X	X
	207.3	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2597	X	X
255	215	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2597	X	X
	194.7	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	M200	2387	X	X
260	222.8	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2597	X	X
	202.2	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2697	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1000 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
265	230	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2597	X	X
	208.9	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2697	X	X
270	215.8	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2697	X	X
275	239.6	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2597	X	X
	223.9	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2697	X	X
280	244.4	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2597	X	X
	231.2	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2697	X	X
285	249.7	FP12CHC 8 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2597	X	X
	238.6	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.50 X 10'	G250	2845	X	X
290	246.2	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G250	2721	X	X
	225.7	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G250	2845	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1000 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
295	254.7	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2721	X	X
	233.6	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G250	2845	X	X
300	260	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2721	X	X
	239.8	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G250	2845	X	X
305	265.4	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2721	X	X
	247.7	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G250	2845	X	X
310	270.2	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2721	X	X
	254.5	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2845	X	X
315	275	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2721	X	X
	262.7	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2845	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1000 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
320	279.7	FP12CHC 9 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2721	X	X
	270	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2845	X	X
325	278.5	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2845	X	X
330	285.6	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2845	X	X
335	290.9	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2845	X	X
340	295.5	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2845	X	X
345	300.9	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G300	2845	X	X
350	305.5	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G350	2895	X	X
352	307.5	FP12CHC 10 STAGE	6 X 16.5 - 250#	6 X 1.68 X 10'	G350	2895	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1500 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
52	60	FP14RJHC 2 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M60	1773	X	X
55	66.5	FP14RJHC 2 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M80	1773	X	X
60	74.6	FP14RJHC 2 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M80	1773	X	X
65	83.2	FP14RJHC 2 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M100	1773	X	X
70	91.1	FP14RJHC 2 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M100	1773	X	X
75	100.4	FP14RJHC 2 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M100	1773	X	X
80	95.2	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M100	1948	X	X
85	102.8	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M150	2033	X	X
90	110.8	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M150	2033	X	X
95	118.8	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.18 X 10'	M150	2033	X	X
100	127.1	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M150	2033	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1500 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
105	135.4	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M150	2033	X	X
110	144.2	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M150	2033	X	X
115	154.1	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M200	2078	X	X
120	163.8	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M200	2078	X	X
125	174	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M200	2078	X	X
130	180	FP14RJHC 3 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M200	2078	X	X
135	172.2	FP14RJHC 4 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M200	2233	X	X
140	180.5	FP14RJHC 4 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M200	2233	X	X
145	189.3	FP14RJHC 4 STAGE	8 X 16.5 - 125#	8 X 1.50 X 10'	M200	2233	X	X
150	198.8	FP14RJHC 4 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	M200	2243	X	X
	184.7	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	M200	2388	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1500 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
155	192.4	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	M200	2388	X	X
160	200.4	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	M200	2388		X
165	197	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	M200	2593		X
	208.6	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	G250	2698		X
170	217	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	G250	2698		X
175	213.5	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	G250	2903		X
	224.8	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	G250	2698		X
180	221.6	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	G250	2903		X
	211.9	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	G250	2853		X
185	219.4	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	G250	2853		X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1500 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
190	252.9	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	2963		X
	227	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.50 X 10'	G250	2853		X
195	263.2	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	2963		X
200	272.9	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	2963		X
205	262.4	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	2963		X
	283.4	FP14RJHC 5 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	2963		X
210	269.8	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	2963		X
215	278.7	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	2963		X
	266.1	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	3008		X
220	274.9	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	3008		X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1500 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
225	298.2	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	2963		X
	282.7	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G300	3008		X
230	308.1	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G350	3013		X
235	317.4	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G350	3013		X
240	327.5	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G350	3013		X
	307.4	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G350	3058		X
245	314.7	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G350	3058		X
250	348	FP14RJHC 6 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G350	3013		X
	324.3	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G350	3058		X
255	333.2	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G350	3108		X
260	343.5	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G350	3108		X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**1500 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
265	353.1	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G400	3108		X
270	362.4	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.68 X 10'	G400	3108		X
275	372.2	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.93 X 10'	G400	3263		X
280	382.1	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.93 X 10'	G400	3263		X
285	392.4	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.93 X 10'	G400	3263		X
290	402.4	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.93 X 10'	G450	3268		X
295	412.5	FP14RJHC 7 STAGE	8 X 16.5 - 250#	8 X 1.93 X 10'	G450	3268		X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**2000 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
55	91	FP14RHHC 2 STAGE	10 X 16.5 - 125#	10 X 1.18 X 10'	M100	2186	X	X
60	100.8	FP14RHHC 2 STAGE	10 X 16.5 - 125#	10 X 1.18 X 10'	M100	2186	X	X
65	110.8	FP14RHHC 2 STAGE	10 X 16.5 - 125#	10 X 1.18 X 10'	M150	2271	X	X
70	120.7	FP14RHHC 2 STAGE	10 X 16.5 - 125#	10 X 1.18 X 10'	M150	2271	X	X
75	134.8	FP14RHHC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M150	2295	X	X
80	149.6	FP14RHHC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M150	2295	X	X
85	137	FP14RHHC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M150	2490	X	X
90	146.7	FP14RHHC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M150	2490	X	X
95	156.3	FP14RHHC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2535	X	X
100	165.7	FP14RHHC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2535	X	X
105	175.3	FP14RHHC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2535	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**2000 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
110	186.4	FP14RHHC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2535	X	X
115	200.5	FP14RHHC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2535	X	X
	185.6	FP14RHHC 4 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2730	X	X
120	215.4	FP14RHHC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	2845	X	X
	195	FP14RHHC 4 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2730	X	X
125	231	FP14RHHC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	2845	X	X
	204.7	FP14RHHC 4 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	3040	X	X
130	214.6	FP14RHHC 4 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	3040	X	X
135	224.1	FP14RHHC 4 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	3040	X	X
140	233.1	FP14RHHC 4 STAGE	10 X 16.5 - 250#	10 X 1.50 X 10'	G250	3090	X	X
	225.4	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.50 X 10'	G250	3285	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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**2000 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
145	244.3	FP14RHHC 4 STAGE	10 X 16.5 - 250#	10 X 1.50 X 10'	G250	3090	X	X
150	257.8	FP14RHHC 4 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3100	X	X
	244.8	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.50 X 10'	G250	3285	X	X
155	272.7	FP14RHHC 4 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3100	X	X
	253.6	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3295	X	X
160	262.8	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3295	X	X
165	273	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3295	X	X
170	318.9	FP14RHHC 4 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3150	X	X
	282.5	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3295	X	X
175	292	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3295	X	X
	283.6	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3499	X	X

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**2000 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
180	301.3	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3345	X	X
185	315.8	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3345	X	X
190	328.8	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3345	X	X
	311.6	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3549	X	X
195	321.8	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3549	X	X
200	359	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3345	X	X
	331.3	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3549	X	X
205	341	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3549	X	X
210	349.7	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3549	X	X
215	406	FP14RHHC 5 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	G400	3376	X	X
	359.5	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G400	3580	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



**2000 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
220	372.7	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	G400	3580	X	X
225	386.7	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	G400	3580	X	X
230	401.1	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	G450	3585	X	X
235	415.8	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	G450	3585	X	X
240	430.9	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	G450	3585	X	X
245	446.3	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	G450	3585	X	X
250	462.2	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	F500	4340	X	X
255	480	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	F500	4340	X	X
257	484.4	FP14RHHC 6 STAGE	10 X 16.5 - 250#	10 X 1.93 X 10'	F500	4340		X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



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**2500 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
77	143.5	FP16DMC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M150	2539	X	X
80	150.4	FP16DMC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M150	2539	X	X
85	163.6	FP16DMC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2584	X	X
90	177.3	FP16DMC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2584	X	X
95	191.2	FP16DMC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	M200	2584	X	X
100	204.4	FP16DMC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	2894	X	X
105	216.7	FP16DMC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	2894	X	X
110	228.8	FP16DMC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	2894	X	X
115	241.8	FP16DMC 2 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	2894	X	X
	212	FP16DMC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	3214	X	X
120	224.9	FP16DMC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	3214	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



**2500 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
125	238.2	FP16DMC 3 STAGE	10 X 16.5 - 125#	10 X 1.50 X 10'	G250	3214	X	X
130	251.2	FP16DMC 3 STAGE	10 X 16.5 - 125#	10 X 1.68 X 10'	G300	3224	X	X
135	265.3	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3244	X	X
140	279.8	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3244	X	X
145	294	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G300	3244	X	X
150	306.7	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3294	X	X
155	319.2	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3294	X	X
160	331.1	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3294	X	X
165	342.3	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G350	3294	X	X
170	355.7	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G400	3294	X	X
175	368.5	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G400	3294	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



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**2500 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
180	380.6	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G400	3294	X	X
184	391	FP16DMC 3 STAGE	10 X 16.5 - 250#	10 X 1.68 X 10'	G400	3294	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



**3000 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
103	280.1	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G300	3616	X	X
105	292.7	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G300	3616	X	X
110	310.2	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G350	3666	X	X
115	327.6	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G350	3666	X	X
120	350.8	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G350	3666	X	X
125	374.1	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G400	3696	X	X
130	397.1	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G400	3696	X	X
135	416.3	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G450	3701	X	X
140	435.8	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G450	3701	X	X
144	451.4	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	F500	4456	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



**3500 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
94	266.5	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G300	3616	X	X
100	288.2	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G300	3616	X	X
105	305.5	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G350	3666	X	X
110	324.3	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G350	3666	X	X
115	345.3	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G350	3666	X	X
120	366.5	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G400	3666	X	X
125	388.6	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G400	3696	X	X
130	409.9	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G450	3701	X	X
135	430.9	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G450	3701	X	X
141	451.4	FP18DMC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	F500	4456	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



**4000 GPM
 VERTICAL TURBINE PUMP SELECTION
 1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
106	322.6	FP18DHC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G350	3666	X	X
110	339.1	FP18DHC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G350	3666	X	X
115	359.5	FP18DHC 2 STAGE	12 X 24.5 - 125#	12 X 1.68 X 10'	G400	3666	X	X
120	377.7	FP18DHC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G400	3696	X	X
125	395.2	FP18DHC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G400	3696	X	X
130	413.1	FP18DHC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G450	3701	X	X
135	430.5	FP18DHC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G450	3701	X	X
140	446.5	FP18DHC 2 STAGE	12 X 24.5 - 125#	12 X 1.93 X 10'	G450	3701	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



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**4500 GPM
VERTICAL TURBINE PUMP SELECTION
1770 RPM**

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	APPROX. WEIGHT	UL	FM
56	215.5	FP20EHC 1 STAGE	14 X 24.5 - 250#	14 X 1.68 X 10'	G250	3460	X	X
60	234.5	FP20EHC 1 STAGE	14 X 24.5 - 250#	14 X 1.68 X 10'	G250	3460	X	X
65	261.8	FP20EHC 1 STAGE	14 X 24.5 - 250#	14 X 1.68 X 10'	G300	3460	X	X
70	282.5	FP20EHC 1 STAGE	14 X 24.5 - 250#	14 X 1.68 X 10'	G300	3460	X	X
73	295.6	FP20EHC 1 STAGE	14 X 24.5 - 250#	14 X 1.68 X 10'	G300	3460	X	X
114	429	FP20EHC 2 STAGE	14 X 24.5 - 250#	14 X 1.93 X 10'	G450	4158	X	X
120	454.7	FP20EHC 2 STAGE	14 X 24.5 - 250#	14 X 1.93 X 10'	F500	4913	X	X
125	475.6	FP20EHC 2 STAGE	14 X 24.5 - 250#	14 X 1.93 X 10'	F500	4913	X	X
129	493	FP20EHC 2 STAGE	14 X 24.5 - 250#	14 X 1.93 X 10'	F500	4913	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



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A-C FIRE PUMP SYSTEMS

Engine Driven Vertical
Turbine Selection Table

FP 2.4

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5000 GPM VERTICAL TURBINE PUMP SELECTION 1770 RPM

Bowl Press (PSI)*	MAX BHP	PUMP SIZE	DISCHARGE HEAD	COLUMN ASSEMBLY	RAG MODEL	LIST PRICE**	APPROX. WEIGHT	UL	FM
55	218.5	FP20EHC 1 STAGE	14 X 24.5 - 250#	14 X 1.68 X 10'	G250	\$55,430	3460	X	X
60	244.6	FP20EHC 1 STAGE	14 X 24.5 - 250#	14 X 1.68 X 10'	G250	\$55,430	3460	X	X
65	269.4	FP20EHC 1 STAGE	14 X 24.5 - 250#	14 X 1.68 X 10'	G300	\$56,565	3460	X	X
72	299.4	FP20EHC 1 STAGE	14 X 24.5 - 250#	14 X 1.68 X 10'	G300	\$56,565	3460	X	X
111	436	FP20EHC 2 STAGE	14 X 24.5 - 250#	14 X 1.93 X 10'	G450	\$71,370	4158	X	X
115	454.2	FP20EHC 2 STAGE	14 X 24.5 - 250#	14 X 1.93 X 10'	F500	\$73,635	4913	X	X
120	477.5	FP20EHC 2 STAGE	14 X 24.5 - 250#	14 X 1.93 X 10'	F500	\$73,635	4913	X	X
126	508	FP20EHC 2 STAGE	14 X 24.5 - 250#	14 X 1.93 X 10'	F590	\$78,325	4913	X	X

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



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Engine Selections
Manufacturer: CATERPILLAR
UL/FM Listed

BHP AVAILABLE	BHP USABLE	MODEL	SPEED	RATIO	TANK SIZE	APPROX. WEIGHT
292	280	3406DIT-WET	1770	1:1	500 GAL	4483
312	300	3406DIT-WET	1900	11:10	500 GAL	4483
330	317	3406DIT-WET	2100	6:5	500 GAL	4483
370	355	3406DIT-DRY	1770	1:1	500 GAL	4483
375	360	3406DIT-DRY	1900	11:10	500 GAL	4483
420	403	3406DITA-WET	1770	1:1	500 GAL	4790
425	408	3406DITA-WET	1900	11:10	500 GAL	4790
430	413	3406DITA-WET	2100	6:5	500 GAL	4790
460	442	3406DITA-DRY	1770	1:1	700 GAL	4790
482	463	3406DITA-DRY	2100	6:5	700 GAL	4790
538	516	3412DIT-WET	1770	1:1	700 GAL	6931
572	549	3412DIT-WET	2100	6:5	700 GAL	6931
625	600	3412DIT-DRY	1440	5:6	700 GAL	6931

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



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A-C FIRE PUMP SYSTEMS

Engine Driven Vertical
Turbine Selection Table

Supersedes all previous issues

Engine Selections Manufacturer: CLARKE UL/FM Listed

BHP AVAILABLE	BHP USABLE	MODEL	SPEED	RATIO	TANK SIZE	APPROX. WEIGHT
41	39	JU4H-UF10	1760	1:1	150 GAL	2092
51	49	JU4H-UF10	2100	6:5	150 GAL	2092
55	53	JU4H-UF10	2350	4:3	150 GAL	2092
		JU4H-UF12	2350	4:3	150 GAL	2092
59	57	JU4H-UF12	2600	3:2	150 GAL	2092
60	58	JU4H-UF20	1760	1:1	150 GAL	2092
64	61	JU4H-UF30	1760	1:1	150 GAL	2155
67	64	JU4H-UF20	2100	6:5	150 GAL	2130
72	69	JU4H-UF20	2350	4:3	150 GAL	2130
		JU4H-UF22	2350	4:3	150 GAL	2130
73	70	JU4H-UFH0	1760	1:1	150 GAL	2155
		JU4H-UFH8	1760	1:1	150 GAL	2155
75	72	JU4H-UF22	2600	3:2	150 GAL	2130
79	76	JU4H-UF30	2100	6:5	150 GAL	2155
		JU4H-UF58	1470	5:6	150 GAL	2035
85	82	JU4H-UF30	2350	4:3	150 GAL	2155
		JU4H-UF32	2350	4:3	150 GAL	2155
		JU4H-UF32	2600	3:2	150 GAL	2155
88	84	JU4H-UFH0	2100	6:5	150 GAL	2195
94	90	JU4H-UF40	1760	1:1	150 GAL	2195
98	94	JU4H-UFH0	2350	4:3	150 GAL	2195
		JU4H-UFH2	2350	4:3	150 GAL	2195
99	95	JU4H-UFH2	2600	3:2	150 GAL	2195
105	101	JU4H-UF40	2100	6:5	150 GAL	2195

CARB ATCM OPTION

JU4H-UF10 @ 1770 & 2100 RPM.
 JU6H-UF30, -UF50, -UF60 @ 1770 & 2100 RPM.
 JU4H-UF10, -UF20, -UF30, -UF32, -UF40, -UF42, -UF50, -UF52 @ 2350 RPM.
 JU6H-UF30, -UF32, -UF50, -UF52, -UF60, -UF62 @ 2350 RPM.

* To calculate pump rated pressure, refer to FP.2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



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Supersedes all previous issues

Engine Selections
Manufacturer: CLARKE
UL/FM Listed

BHP AVAILABLE	BHP USABLE	MODEL	SPEED	RATIO	TANK SIZE	APPROX. WEIGHT
106	102	JU4H-UF40	2350	4:3	150 GAL	2195
		JU4H-UF42	2350	4:3	150 GAL	2195
		JU4H-UF42	2600	3:2	150 GAL	2195
110	106	JU4H-UF50	1760	1:1	150 GAL	2035
		JU4H-UF58	1760	1:1	150 GAL	2035
		JU6H-UFD0	1760	1:1	150 GAL	2155
127	122	JU4H-UF50	2350	4:3	150 GAL	2155
		JU4H-UF52	2350	4:3	150 GAL	2035
		JU4H-UF52	2600	3:2	150 GAL	2035
130	125	JU4H-UF50	2100	6:5	150 GAL	2155
138	132	JU6H-UF58	1470	5:6	300 GAL	2675
140	134	JU6H-UF30	1760	1:1	300 GAL	2835
144	138	JU6H-UFD0	2100	6:5	300 GAL	2835
148	142	JU6H-UFD0	2350	4:3	300 GAL	2835
		JU6H-UFD2	2350	4:3	300 GAL	2835
		JU6H-UFD2	2600	3:2	300 GAL	2835
149	143	JU6H-UF8	1760	1:1	300 GAL	2943
160	154	JU6H-UF30	2100	6:5	300 GAL	2835
		JU6H-UF30	2350	4:3	300 GAL	2835
		JU6H-UF32	2350	4:3	300 GAL	2832
		JU6H-UF32	2600	3:2	300 GAL	2835
175	168	JU6H-UFM0	1760	1:1	300 GAL	2675
		JU6H-UFM8	1760	1:1	300 GAL	2675
183	176	JU6H-UF58	1760	1:1	300 GAL	2675
200	192	JU6H-UF68	1760	1:1	300 GAL	2675
		JU6H-UFM0	2350	4:3	300 GAL	2675
		JU6H-UFM2	2350	4:3	300 GAL	2675
		JU6H-UFM2	2600	3:2	300 GAL	2675
207	199	JU6H-UFM0	2100	6:5	300 GAL	2675

CARB ATCM OPTION

JU4H-UF10 @ 1770 & 2100 RPM.
 JU6H-UF30, -UF50, -UF60 @ 1770 & 2100 RPM.
 JU4H-UF10, -UF20, -UF30, -UF32, -UF40, -UF42, -UF50, -UF52 @ 2350 RPM.
 JU6H-UF30, -UF32, -UF50, -UF52, -UF60, -UF62 @ 2350 RPM.

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



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A-C FIRE PUMP SYSTEMS

Engine Driven Vertical
Turbine Selection Table

Supersedes all previous issues

Engine Selections Manufacturer: CLARKE UL/FM Listed

BHP AVAILABLE	BHP USABLE	MODEL	SPEED	RATIO	TANK SIZE	APPROX. WEIGHT
210	202	JU6H-UF50	2100	6:5	300 GAL	2675
		JU6H-UF50	2350	4:3	300 GAL	2675
		JU6H-UF52	2350	4:3	300 GAL	2675
		JU6H-UF52	2600	3:2	300 GAL	2675
240	230	JU6H-UF60	2100	6:5	300 GAL	2713
		JU6H-UF60	2350	4:3	300 GAL	2713
		JU6H-UF62	2350	4:3	300 GAL	2713
		JU6H-UF62	2600	3:2	300 GAL	2713
252	242	JW6H-UF38	1760	1:1	300 GAL	2713
265	254	JW6H-UF30	1760	1:1	300 GAL	2827
275	264	JW6H-UF30	2100	6:5	500 GAL	2877
		JW6H-UF30	2350	4:3	500 GAL	2877
290	278	JW6H-UF40	1760	1:1	500 GAL	2877
		JW6H-UF48	1760	1:1	500 GAL	2877
300	288	JW6H-UF40	2100	6:5	500 GAL	2868
		JW6H-UF40	2350	4:3	500 GAL	2868
		JW6H-UF50	1760	1:1	500 GAL	2868
		JW6H-UF58	1760	1:1	500 GAL	3136
330	317	JW6H-UFH8	1760	1:1	500 GAL	2965
340	326	JW6H-UF50	2100	6:5	500 GAL	2965
350	336	JW6H-UF50	2350	4:3	500 GAL	2965
		JX6H-UF30	1470	5:6	500 GAL	3815
360	346	JW6H-UF60	1760	1:1	500 GAL	2965
		JW6H-UF60	2350	4:3	500 GAL	2965
375	360	JW6H-UF60	2100	6:5	500 GAL	2965
380	365	JX6H-UF40	1470	5:6	500 GAL	3915
405	389	JX6H-UF50	1470	5:6	500 GAL	3915

CARB ATCM OPTION

JU4H-UF10 @ 1770 & 2100 RPM.
 JU6H-UF30, -UF50, -UF60 @ 1770 & 2100 RPM.
 JU4H-UF10, -UF20, -UF30, -UF32, -UF40, -UF42, -UF50, -UF52 @ 2350 RPM.
 JU6H-UF30, -UF32, -UF50, -UF52, -UF60, -UF62 @ 2350 RPM.

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



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Supersedes all previous issues

Engine Selections
Manufacturer: CLARKE
UL/FM Listed

BHP AVAILABLE	BHP USABLE	MODEL	SPEED	RATIO	TANK SIZE	APPROX. WEIGHT
420	403	JX6H-UF30	1760	1:1	500 GAL	3815
430	413	JX6H-UF30	2100	6:5	500 GAL	3815
		JX6H-UF60	1470	5:6	500 GAL	3915
460	442	JX6H-UF40	1760	1:1	700 GAL	4090
485	466	JX6H-UF40	2100	6:5	700 GAL	4090
		JX6H-UF50	1760	1:1	700 GAL	4090
		JX6H-UF70	1470	5:6	700 GAL	4090
510	490	JX6H-UF50	2100	6:5	700 GAL	4090
		JX6H-UF60	1760	1:1	700 GAL	4090
525	504	JX6H-UF60	2100	6:5	700 GAL	4090
575	552	JX6H-UF70	1760	1:1	700 GAL	4090
		JX6H-UF70	2100	6:5	700 GAL	4090

CARB ATCM OPTION

JU4H-UF10 @ 1770 & 2100 RPM.
 JU6H-UF30, -UF50, -UF60 @ 1770 & 2100 RPM.
 JU4H-UF10, -UF20, -UF30, -UF32, -UF40, -UF42, -UF50, -UF52 @ 2350 RPM.
 JU6H-UF30, -UF32, -UF50, -UF52, -UF60, -UF62 @ 2350 RPM.

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

All vertical turbines are UL Listed or FM Approved unless otherwise noted.



ITT

A-C FIRE PUMP SYSTEMS

Engine Driven Vertical
Turbine Selection Table

Supersedes all previous issues

Engine Selections Manufacturer: CUMMINS UL/FM Listed

BHP AVAILABLE	BHP USABLE	MODEL	SPEED	RATIO	TANK SIZE	APPROX. WEIGHT
31	30	CFP33-F10	1470	5:6	150 GAL	1540
37	36	CFP33-F10	1760	1:1	150 GAL	1540
		CFP33-F10	2100	6:5	150 GAL	1540
38	36	CFP33-F10	2350	4:3	150 GAL	1540
40	38	CFP33-F10	2600	3:2	150 GAL	1540
50	48	CFP33-F20	1470	5:6	150 GAL	1540
57	55	CFP33-F20	2100	6:5	150 GAL	1540
60	58	CFP33-F20	1760	1:1	150 GAL	1540
		CFP33-F20	2350	4:3	150 GAL	1540
62	60	CFP33-F20	2600	3:2	150 GAL	1540
		CFP33-F25	2600	3:2	150 GAL	1540
		CFP33-F30	1470	5:6	150 GAL	1540
68	65	CFP39-F15	1760	1:1	150 GAL	1540
72	69	CFP33-F30	2100	6:5	150 GAL	1540
73	70	CFP33-F30	1760	1:1	150 GAL	1540
74	71	CFP33-F30	2350	4:3	150 GAL	1540
77	74	CFP33-F30	2600	3:2	150 GAL	1540
		CFP33-F35	2600	3:2	150 GAL	1540
88	84	CFP39-F15	2100	6:5	150 GAL	1765
98	94	CFP39-F15	2350	4:3	150 GAL	1765
99	95	CFP39-F15	2600	3:2	150 GAL	1765
100	96	CFP59-F10	1470	5:6	150 GAL	1940
115	110	CFP59-F10	1760	1:1	150 GAL	1940
122	117	CFP59-F15	2100	6:5	150 GAL	1940
126	121	CFP59-F15	2350	4:3	150 GAL	1940
		CFP59-F15	2600	3:2	150 GAL	1940
130	125	CFP59-F20	1470	5:6	150 GAL	1940
144	138	CFP59-F25	2100	6:5	300 GAL	2015
148	142	CFP59-F25	2350	4:3	300 GAL	2015
		CFP59-F25	2600	3:2	300 GAL	2015

(T2)

(T2)

(T2) Engine meets Tier-2 emissions specifications.

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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August, 2007

Supersedes all previous issues

**Engine Selections
Manufacturer: CUMMINS
UL/FM Listed**

BHP AVAILABLE	BHP USABLE	MODEL	SPEED	RATIO	TANK SIZE	APPROX. WEIGHT
149	143	CFP59-F20	1760	1:1	300 GAL	2015
150	144	CFP59-F40	1470	5:6	300 GAL	2015
		CFP59-F45	2100	6:5	300 GAL	2015
153	147	CFP59-F45	2600	3:2	300 GAL	2015
158	152	CFP59-F45	2350	4:3	300 GAL	2015
164	157	CFP59-F50	1470	5:6	300 GAL	2015
171	164	CFP59-F40	1760	1:1	300 GAL	2015
175	168	CFP6E-F15	1760	1:1	300 GAL	2140 (T2)
176	169	CFP83-F10	1470	5:6	300 GAL	2690
188	180	CFP59-F50	1760	1:1	300 GAL	2015
191	183	CFP6E-F25	1760	1:1	300 GAL	2140 (T2)
197	189	CFP83-F20	1470	5:6	300 GAL	2690
200	192	CFP6E-F15	2100	6:5	300 GAL	2140 (T2)
		CFP6E-F15	2350	4:3	300 GAL	2140 (T2)
		CFP6E-F15	2600	3:2	300 GAL	2140 (T2)
202	194	CFP83-F10	1760	1:1	300 GAL	2690
210	202	CFP6E-F35	1760	1:1	300 GAL	2140 (T2)
215	206	CFP6E-F25	2100	6:5	300 GAL	2140 (T2)
		CFP6E-F25	2600	3:2	300 GAL	2140 (T2)
216	207	CFP83-F30	1470	5:6	300 GAL	2690
225	216	CFP6E-F25	2350	4:3	300 GAL	2140 (T2)
		CFP6E-F35	2600	3:2	300 GAL	2140 (T2)

(T2) Engine meets Tier-2 emissions specifications.

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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A-C FIRE PUMP SYSTEMS

Engine Driven Vertical
Turbine Selection Table

FP 2.4

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Engine Selections Manufacturer: CUMMINS UL/FM Listed

BHP AVAILABLE	BHP USABLE	MODEL	SPEED	RATIO	TANK SIZE	APPROX. WEIGHT
227	218	CFP83-F20	1760	1:1	300 GAL	2690
232	223	CFP6E-F35	2100	6:5	300 GAL	2140
246	236	CFP6E-F35	2350	4:3	300 GAL	2140
247	237	CFP83-F40	1470	5:6	300 GAL	2690
252	242	CFP83-F30	1760	1:1	300 GAL	2690
288	276	CFP83-F40	1760	1:1	500 GAL	2740
320	307	CFP11E-F10	1470	5:6	500 GAL	3290
331	318	CFP11E-F10	2100	6:5	500 GAL	3290
360	346	CFP11E-F20	2100	6:5	500 GAL	3290
364	349	CFP11E-F20	1470	5:6	500 GAL	3290
373	358	CFP11E-F10	1760	1:1	500 GAL	3290
424	407	CFP11E-F20	1760	1:1	500 GAL	3290

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(T2) Engine meets Tier-2 emissions specifications.

* To calculate pump rated pressure, refer to FP2.4 pg.1. Pressure shown is bowl pressure only.

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