

SELECTION TABLES
60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
UL LISTED / FM APPROVED
STAINLESS STEEL IMPELLERS

250 GPM, 10M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
184.8	203	80.0	87.9	4	28.7	25	1760	125	1005	126
203	215	87.9	93.1	4	32	30	1760	125	1005	126
215	225	93.1	97.4	5	28.7	25	1760	125	1066	126
225	235	97.4	101.7	5	32	30	1760	125	1066	126
235	248	101.7	107.4	5	34.5	30	1760	125	1066	126
248	258	107.4	111.7	5	38	40	1775	125	1066	126
258	266	111.7	115.2	5	40	40	1775	125	1066	126
				6	34.5	30	1760	125	1128	126
266	281	115.2	121.6	6	38	40	1775	125	1128	126
281	288	121.6	124.7	6	40	40	1775	125	1128	126
				7	34.5	1	1760	125	1190	126
288	305	124.7	132.0	6	44	40	1775	125	1128	126
305	312	132.0	135.1	6	46.0	40	1775	125	1128	126
312	322	135.1	139.4	6	48	50	1775	125	1128	126
				7	43	40	1775	125	1190	126
322	335	139.4	145.0	7	46.0	40	1775	125	1190	126
335	345	145.0	149.4	7	48	50	1775	125	1190	126
				8	44	40	1775	125	1307	126
345	355	149.4	153.7	7	51	50	1775	250	1190	126
				8	46.0	40	1775	250	1307	126
355	365	153.7	158.0	7	54	50	1775	250	1190	126
				8	48	50	1775	250	1307	126
				9	44	40	1775	250	1376	133
365	375	158.0	162.3	7	57.5	50	1775	250	1190	126
				8	51	50	1775	250	1307	126
				9	46.0	40	1775	250	1376	133
375	390	162.3	168.8	8	55	50	1775	250	1307	126
390	405	168.8	175.3	8	57.5	50	1775	250	1307	126
405	415	175.3	179.7	8	61	60	1775	250	1307	126
				9	55	50	1775	250	1376	133
415	425	179.7	184.0	8	64	60	1775	250	1307	126
				9	57.5	50	1775	250	1376	133
425	432	184.0	187.0	9	60	60	1775	250	1376	133
				10	56	50	1775	250	1438	133
432	440	187.0	190.5	9	63	60	1775	250	1376	133
				10	57.5	50	1775	250	1438	133
440	458	190.5	198.3	9	66	60	1775	250	1376	133
				10	60	60	1775	250	1438	133
458	470	198.3	203.5	9	69.0	60	1775	250	1376	133
				10	64	60	1775	250	1438	133
470	482	203.5	208.7	9	72	75	1775	250	1376	133
				10	67	75	1775	250	1438	133
482	493	208.7	213.4	10	69.0	60	1775	250	1438	133
493	510	213.4	220.8	10	74	75	1775	250	1438	133
510	536	220.8	232.0	10	79	75	1775	250	1438	133
536	559	232.0	242.0	10	84	75	1775	250	1438	133

*Pressure based on 1.0 specific gravity

FAIRBANKS NIJHUIS® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

300 GPM, 10M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
180.2	197	78.0	85.3	4	28.7	25	1760	125	1005	126
197	207	85.3	89.6	4	31	30	1760	125	1005	126
				5	28	25	1760	125	1066	126
207	214	89.6	92.6	5	28.7	25	1760	125	1066	126
214	230	92.6	99.6	5	32	30	1760	125	1066	126
230	242	99.6	104.8	5	34.5	30	1760	125	1066	126
242	258	104.8	111.7	5	39.0	40	1775	125	1066	126
				6	34.5	30	1760	125	1128	126
258	266	111.7	115.2	5	40	40	1775	125	1066	126
266	276	115.2	119.5	6	39	40	1775	125	1128	126
				7	34.5	30	1760	125	1190	126
276	290	119.5	125.5	6	42	40	1775	125	1128	126
290	305	125.5	132.0	6	46.0	40	1775	125	1128	126
305	317	132.0	137.2	6	49	50	1775	125	1128	126
				7	43	40	1775	125	1190	126
317	330	137.2	142.9	7	46.0	40	1775	125	1190	126
330	345	142.9	149.4	7	50	50	1775	250	1190	126
				8	46	40	1775	250	1307	126
345	355	149.4	153.7	7	53	50	1775	250	1190	126
				8	48	50	1775	250	1307	126
				9	44	40	1775	250	1376	133
355	366	153.7	158.4	7	56	50	1775	250	1190	126
				8	51	50	1775	250	1307	126
				9	46.0	40	1775	250	1376	133
366	378	158.4	163.6	8	54	50	1775	250	1307	126
				9	50	50	1775	250	1376	133
378	393	163.6	170.1	8	57.5	50	1775	250	1307	126
				9	53	50	1775	250	1376	133
393	410	170.1	177.5	8	61	60	1775	250	1307	126
				9	57.5	50	1775	250	1376	133
410	418	177.5	181.0	8	64	60	1775	250	1307	126
				9	60	60	1775	250	1376	133
				10	55	50	1775	250	1438	133
418	432	181.0	187.0	9	62	60	1775	250	1376	133
				10	57.5	50	1775	250	1438	133
432	445	187.0	192.6	9	65	60	1775	250	1376	133
				10	60	60	1775	250	1438	133
445	460	192.6	199.1	9	69.0	60	1775	250	1376	133
				10	64	60	1775	250	1438	133
460	470	199.1	203.5	9	72	75	1775	250	1376	133
				10	67	60	1775	250	1438	133
470	480	203.5	207.8	10	69.0	60	1775	250	1438	133
480	495	207.8	214.3	10	73	75	1775	250	1438	133
495	510	214.3	220.8	10	76	75	1775	250	1438	133
510	522	220.8	226.0	10	79	75	1775	250	1438	133
522	540	226.0	234.0	10	86.2	75	1775	250	1438	133

*Pressure based on 1.0 specific gravity

SELECTION TABLES
 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
 UL LISTED / FM APPROVED
 STAINLESS STEEL IMPELLERS

400 GPM, 10M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
194.0	200	84.0	86.6	5	28.7	25	1760	125	1066	126
200	215	86.6	93.1	5	32	30	1760	125	1066	126
215	225	93.1	97.4	5	34.5	30	1760	125	1066	126
225	235	97.4	101.7	5	37	40	1775	125	1066	126
				6	34.5	30	1760	125	1128	126
235	242	101.7	104.8	5	40	40	1775	125	1066	126
245	254	106.1	110.0	5	43	40	1775	125	1066	126
254	270	110.0	116.9	6	42	40	1775	125	1128	126
270	285	116.9	123.4	6	46.0	40	1775	125	1128	126
285	302	123.4	130.7	6	51	50	1775	125	1128	126
				7	46.0	40	1775	125	1190	126
302	316	130.7	136.8	7	49	50	1775	125	1190	126
				8	46.0	40	1775	250	1307	126
316	330	136.8	142.9	7	53	50	1775	250	1190	126
330	340	142.9	147.2	7	55	50	1775	250	1190	126
340	355	147.2	153.7	7	57.5	50	1775	250	1190	126
355	370	153.7	160.2	8	57.5	50	1775	250	1307	126
370	385	160.2	166.7	8	61	60	1775	250	1307	126
				9	57.5	50	1775	250	1376	133
385	395	166.7	171.0	8	63	60	1775	250	1307	126
				9	61	60	1775	250	1376	133
				10	57.5	50	1775	250	1438	133
395	405	171.0	175.3	8	66	60	1775	250	1307	126
				9	63	60	1775	250	1376	133
				10	60	60	1775	250	1438	133
405	425	175.3	184.0	9	67	60	1775	250	1376	133
				10	64	60	1775	250	1438	133
425	435	184.0	188.3	9	69.0	60	1775	250	1376	133
				10	66	60	1775	250	1438	133
435	445	188.3	192.6	10	68	60	1775	250	1438	133
				9	71	75	1775	250	1376	133
445	455	192.6	197.0	9	73	75	1775	250	1376	133
				10	69.0	60	1775	250	1438	133
455	468	197.0	202.6	10	75	75	1775	250	1438	133
468	481	202.6	208.2	10	77	75	1775	250	1438	133
481	492	208.2	213.0	10	79	75	1775	250	1438	133
492	518	213.0	224.0	10	84	75	1775	250	1438	133

*Pressure based on 1.0 specific gravity

FAIRBANKS NIJHUIS® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

500 GPM, 11M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
231	240	100.0	103.9	4	51	50	1775	125	1327	180
				5	46	40	1775	125	1413	190
240	250	103.9	108.2	4	54	50	1775	125	1327	180
				5	49	50	1775	125	1413	190
250	264	108.2	114.3	4	57	50	1775	125	1327	180
				5	52	50	1775	125	1413	190
264	282	114.3	122.1	4	64	60	1775	125	1327	180
				5	57	50	1775	125	1413	190
282	298	122.1	129.0	5	63	60	1775	125	1413	190
				6	57	50	1775	125	1499	190
298	310	129.0	134.2	5	66	60	1775	125	1413	190
				6	61	60	1775	125	1499	190
				7	57	50	1775	125	1585	190
310	320	134.2	138.5	5	69	60	1775	125	1413	190
				6	64	60	1775	125	1499	190
				7	60	60	1775	125	1585	190
320	340	138.5	147.2	5	75	75	1775	250	1413	190
				6	69	60	1775	125	1499	190
				7	65	60	1775	125	1585	190
340	352	147.2	152.4	5	79	75	1775	250	1413	190
				6	74	75	1775	250	1499	190
				7	69	60	1775	250	1585	190
352	367	152.4	158.9	6	78	75	1775	250	1499	190
				7	73	75	1775	250	1585	190
				8	69	60	1775	250	1671	190
367	383	158.9	165.8	6	82	75	1775	250	1499	190
				7	77	75	1775	250	1585	190
				8	73	75	1775	250	1671	190
383	396	165.8	171.4	6	86	75	1775	250	1499	190
				7	81	75	1775	250	1585	190
				8	76	75	1775	250	1671	190
396	410	171.4	177.5	6	92	100	1780	250	1499	190
				7	86	75	1775	250	1585	190
				8	81	75	1775	250	1671	190
410	422	177.5	182.7	6	97	100	1780	250	1499	190
				7	90	100	1780	250	1585	190
				8	84	75	1775	250	1671	190
422	430	182.7	186.1	7	92	100	1780	250	1585	190
				8	86	75	1775	250	1671	190
430	450	186.1	194.8	7	97	100	1780	250	1585	190
				8	91	100	1780	250	1671	190
				9	86	75	1775	250	1671	205
450	460	194.8	199.1	7	100	100	1780	250	1585	190
				8	94	100	1780	250	1671	190
				9	90	100	1780	250	1671	205
460	475	199.1	205.6	10	86	75	1775	250	1843	205
				7	106	100	1780	250	1585	190
				8	99	100	1780	250	1671	190
				9	94	100	1780	250	1671	205
				10	90	100	1780	250	1843	205

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SELECTION TABLES
 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
 UL LISTED / FM APPROVED
 STAINLESS STEEL IMPELLERS

500 GPM, 11M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
475	490	205.6	212.1	7	111	100	1780	250	1585	190
				8	104	100	1780	250	1671	190
				9	98	100	1780	250	1671	205
				10	94	100	1780	250	1843	205
490	507	212.1	219.5	8	108	100	1780	250	1671	190
				9	103	100	1780	250	1671	205
				10	99	100	1780	250	1843	205
507	525	219.5	227.3	8	115	100	1780	250	1671	190
				9	109	100	1780	250	1757	205
				10	104	100	1780	250	1843	205
				11	100	100	1780	250	1929	205
525	545	227.3	235.9	8	122	125	1780	250	1671	190
				9	115	100	1780	250	1757	205
				10	110	100	1780	250	1843	205
				11	105	100	1780	250	1929	205
545	565	235.9	244.6	8	129	125	1780	250	1671	190
				9	121	125	1780	250	1757	205
				10	115	100	1780	250	1843	205
				11	110	100	1780	250	1929	205
565	582	244.6	251.9	9	126	125	1780	250	1757	205
				10	120	125	1780	250	1843	205
				11	115	100	1780	250	1929	205
582	595	251.9	257.6	9	130	125	1780	250	1757	205
				10	124	125	1780	250	1843	205
				11	119	125	1780	250	1929	205
				12	115	100	1780	250	2015	205
595	614	257.6	265.8	9	136	125	1780	125	1757	205
				10	130	125	1780	125	1843	205
				11	124	125	1780	125	1929	205
				12	120	125	1780	125	2015	205
614	632	265.8	273.6	9	143	125	1780	125	1757	205
				10	136	125	1780	125	1843	205
				11	130	125	1780	125	1929	205
				12	125	125	1780	125	2015	205
632	645	273.6	279.2	10	140	125	1780	125	1843	205
				11	135	125	1780	125	1929	205
				12	130	125	1780	125	2015	205
645	658	279.2	284.8	10	143	125	1780	125	1843	205
				11	139	125	1780	125	1929	205
				12	134	125	1780	125	2015	205
658	676	284.8	292.6	10	150	150	1780	125	1843	205
				11	143	125	1780	125	1929	205
				12	139	125	1780	250	2015	205
676	695	292.6	300.9	10	157	150	1780	125	1843	205
				11	149	150	1780	125	1929	205
				12	143	125	1780	250	2015	205
695	710	300.9	307.4	11	153	150	1780	250	1929	205
				12	148	150	1780	250	2015	205
710	725	307.4	313.9	11	158	150	1780	250	1929	205
				12	153	150	1780	250	2015	205

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SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

500 GPM, 11M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
725	740	313.9	320.3	11	163	150	1780	250	1929	205
				12	158	150	1780	250	2015	205
740	750	320.3	324.7	11	167	150	1780	250	1929	205
				12	161	150	1780	250	2015	205
750	765	324.7	331.2	11	172	150	1780	250	1929	205
				12	165	150	1780	250	2015	205
765	778	331.2	336.8	12	169	150	1780	250	2015	205
778	790	336.8	342.0	12	172	200	1780	250	2015	205
790	805	342.0	348.5	12	180	200	1780	250	2015	205
805	825	348.5	357.1	12	187	200	1780	250	2015	205
825	841	357.1	364.0	12	192	200	1780	250	2015	205

*Pressure based on 1.0 specific gravity

SELECTION TABLES
60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
UL LISTED / FM APPROVED
STAINLESS STEEL IMPELLERS

750 GPM, 12M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
231	238	100.0	103.0	3	75	75	1775	125	1397	190
238	245	103.0	106.1	3	79	75	1775	125	1397	190
245	252	106.1	109.1	3	82	75	1775	125	1397	190
252	265	109.1	114.7	3	86	75	1775	125	1397	190
				4	77	75	1775	125	1515	190
265	272	114.7	117.7	3	90	100	1780	125	1397	190
				4	80	75	1775	125	1515	190
272	280	117.7	121.2	3	98	100	1780	125	1397	190
				4	83	75	1775	125	1515	190
280	287	121.2	124.2	4	86	75	1775	125	1515	190
287	295	124.2	127.7	4	90	100	1780	125	1515	190
295	304	127.7	131.6	4	95	100	1780	125	1515	190
304	313	131.6	135.5	4	100	100	1780	125	1515	190
313	322	135.5	139.4	4	104	100	1780	125	1515	190
322	331	139.4	143.3	4	108	100	1780	125	1515	190
				5	96	100	1780	125	1633	205
331	340	143.3	147.2	4	112	100	1780	250	1515	190
				5	100	100	1780	250	1633	205
340	350	147.2	151.5	4	115	100	1780	250	1515	190
				5	105	100	1780	250	1633	205
350	360	151.5	155.8	4	120	125	1780	250	1515	190
				5	110	100	1780	250	1633	205
360	372	155.8	161.0	4	134	125	1780	250	1515	190
				5	115	100	1780	250	1633	205
372	382	161.0	165.4	5	120	125	1780	250	1633	205
382	392	165.4	169.7	5	125	125	1780	250	1633	205
				6	115	100	1780	250	1751	205
392	402	169.7	174.0	5	130	125	1780	250	1633	205
				6	119	125	1780	250	1751	205
402	412	174.0	178.4	5	135	125	1780	250	1633	205
				6	124	125	1780	250	1751	205
412	422	178.4	182.7	5	139	125	1780	250	1633	205
				6	127	125	1780	250	1751	205
422	435	182.7	188.3	5	143	125	1780	250	1633	205
				6	132	125	1780	250	1751	205
435	443	188.3	191.8	5	147	150	1780	250	1633	205
				6	136	125	1780	250	1751	205
443	452	191.8	195.7	5	150	150	1780	250	1633	205
				6	140	125	1780	250	1751	205
452	459	195.7	198.7	5	157	125	1780	250	1633	205
				6	143	125	1780	250	1751	205
				7	133	125	1780	250	1869	205
459	466	198.7	201.7	5	167	150	1780	250	1633	205
				6	147	150	1780	250	1751	205
				7	137	125	1780	250	1869	205

*Pressure based on 1.0 specific gravity

FAIRBANKS NIJHUIS® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

750 GPM, 12M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
466	483	201.7	209.1	6	153	150	1780	250	1751	205
				7	143	125	1780	250	1869	205
483	492	209.1	213.0	6	157	150	1780	250	1751	205
				7	147	150	1780	250	1869	205
492	500	213.0	216.5	6	161	150	1780	250	1751	205
				7	150	150	1780	250	1869	205
500	509	216.5	220.3	6	165	150	1780	250	1751	205
				7	153	150	1780	250	1869	205
509	518	220.3	224.2	6	169	150	1780	250	1751	205
				7	157	150	1780	250	1869	205
518	527	224.2	228.1	6	172	150	1780	250	1751	205
				7	162	150	1780	250	1869	205
				8	152	150	1780	250	1987	205
527	540	228.1	233.8	6	180	200	1775	250	1751	205
				7	168	150	1780	250	1869	205
				8	158	150	1780	250	1987	205
540	549	228.1	237.7	6	190	200	1775	250	1751	205
				7	172	150	1780	250	1869	205
				8	163	150	1780	250	1987	205
540	557	233.8	241.1	6	200	200	1775	250	1751	205
				7	177	200	1775	250	1869	205
				8	168	150	1780	250	1987	205
557	570	241.1	246.8	7	182	200	1775	250	1869	205
				8	172	150	1780	250	1987	205
570	582	246.8	251.9	7	187	200	1775	250	1869	205
				8	178	200	1775	250	1987	205
582	590	251.9	255.4	7	190	200	1775	250	1869	205
				8	181	200	1775	250	1987	205
				9	172	150	1780	250	2105	205
590	602	255.4	260.6	7	195	200	1775	250	1869	205
				8	186	200	1775	250	1987	205
				9	177	200	1775	250	2105	205
602	614	260.6	265.8	7	202	200	1775	250	1869	205
				8	192	200	1775	250	1987	205
				9	182	200	1775	250	2105	205
614	628	265.8	271.9	7	208	200	1775	250	1869	205
				8	198	200	1775	250	1987	205
				9	188	200	1775	250	2105	205
628	640	271.9	277.1	7	222	200	1775	250	1869	205
				8	202	200	1775	250	1987	205
				9	192	200	1775	250	2105	205
640	648	277.1	280.5	7	230	200	1775	250	1869	205
				8	206	200	1775	250	1987	205
				9	197	200	1775	250	2105	205
				10	188	200	1775	250	2223	205

*Pressure based on 1.0 specific gravity

SELECTION TABLES
 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
 UL LISTED / FM APPROVED
 STAINLESS STEEL IMPELLERS

750 GPM, 12M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
648	662	280.5	286.6	8	212	200	1775	250	1987	205
				9	203	200	1775	250	2105	205
				10	194	200	1775	250	2223	205
662	676	286.6	292.6	8	218	200	1775	250	1987	205
				9	209	200	1775	250	2105	205
				10	200	200	1775	250	2223	205
676	690	292.6	298.7	8	225	200	1775	250	1987	205
				9	215	200	1775	250	2105	205
				10	205	200	1775	250	2223	205
690	704	298.7	304.8	8	230	200	1775	250	1987	205
				9	220	200	1775	250	2105	205
				10	210	200	1775	250	2223	205
704	716	304.8	310.0	8	235	200	1775	250	1987	205
				9	225	200	1775	250	2105	205
				10	215	200	1775	250	2223	205
				11	206	200	1775	250	2341	205
716	730	310.0	316.0	8	255	250	1775	250	1987	205
				9	230	200	1775	250	2105	205
				10	221	200	1775	250	2223	205
				11	212	200	1775	250	2341	205
730	738	316.0	319.5	8	264	250	1775	250	1987	205
				9	235	250	1775	250	2105	205
				10	225	200	1775	250	2223	205
				11	216	200	1775	250	2341	205
738	745	319.5	322.5	9	241	250	1775	250	2105	205
				10	230	200	1775	250	2223	205
				11	220	200	1775	250	2341	205
745	763	322.5	330.3	9	248	250	1775	250	2105	205
				10	238	250	1775	250	2223	205
				11	228	200	1775	250	2341	205
763	782	330.3	338.5	9	258	250	1775	250	2105	205
				10	247	250	1775	250	2223	205
				11	236	250	1775	250	2341	205
782	800	338.5	346.3	9	266	250	1775	250	2105	205
				10	255	250	1775	250	2223	205
				11	244	250	1775	250	2341	205

*Pressure based on 1.0 specific gravity

FAIRBANKS NIJHUIS® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

750 GPM, 12M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
800	812	346.3	351.5	9	287	250	1775	250	2105	205
				10	260	250	1775	250	2223	205
				11	248	250	1775	250	2341	205
812	828	351.5	358.4	9	296	300	1780	250	2105	205
				10	269	250	1775	250	2223	205
				11	257	250	1775	250	2341	205
828	842	358.4	364.5	10	277	250	1775	250	2223	205
				11	264	250	1775	250	2341	205
842	860	364.5	372.3	10	287	250	1775	250	2223	205
				11	273	250	1775	250	2341	205
860	874	372.3	378.4	10	294	300	1780	250	2223	205
				11	279	250	1775	250	2341	205
874	886	378.4	383.5	10	300	300	1780	250	2223	205
				11	284	250	1775	250	2341	205
886	894	383.5	387.0	10	305	300	1780	250	2223	205
				11	287	250	1775	250	2341	205

*Pressure based on 1.0 specific gravity

SELECTION TABLES
60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
UL LISTED / FM APPROVED
STAINLESS STEEL IMPELLERS

1000 GPM, 12M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
222	231	96.0	100.0	3	86.2	75	1775	125	1397	190
231	238	100.0	103.0	3	88	100	1780	125	1397	190
238	245	103.0	106.1	3	91	100	1780	125	1397	190
245	251	106.1	108.7	3	92	100	1780	125	1397	190
251	257	108.7	111.3	3	96	100	1780	125	1397	190
257	263	111.3	114.0	3	100	100	1780	125	1397	190
296	303	128.0	131.2	4	112	100	1780	125	1515	190
303	317	131.2	137.2	4	115	100	1780	250	1515	190
317	325	137.2	140.7	4	120	125	1780	250	1515	190
325	334	140.7	144.6	4	122	125	1780	250	1515	190
334	342	144.6	148.1	4	128	125	1780	250	1515	190
342	352	148.1	152.4	4	134	125	1780	250	1515	190
368	378	159.3	163.6	5	139	125	1780	250	1633	205
378	395	163.6	171.0	5	143.7	125	1780	250	1633	205
395	400	171.0	173.2	5	146	150	1780	250	1633	205
400	406	173.2	175.8	5	149	150	1780	250	1633	205
406	412	175.8	178.4	5	152	150	1780	250	1633	205
412	420	178.4	181.8	5	150	150	1780	250	1633	205
420	429	181.8	185.7	5	160	150	1780	250	1633	205
429	440	185.7	190.5	5	168	150	1780	250	1633	205
448	461	193.9	199.6	6	167	150	1780	250	1751	205
461	476	199.6	206.1	6	172.5	150	1780	250	1751	205
476	483	206.1	209.1	6	177	200	1775	250	1751	205
483	490	209.1	212.1	6	181	200	1775	250	1751	205
490	500	212.1	216.5	6	180	200	1775	250	1751	205
500	511	216.5	221.2	6	193	200	1775	250	1751	205
511	520	221.2	225.1	6	199	200	1775	250	1751	205
				7	192	200	1775	250	1869	205
520	530	225.1	229.4	7	196	200	1775	250	1869	205
530	540	229.4	233.8	7	200	200	1775	250	1869	205
540	550	233.8	238.1	7	203	200	1775	250	1869	205
550	560	238.1	242.4	7	207	200	1775	250	1869	205
560	570	242.4	246.8	7	212	200	1775	250	1869	205
570	580	246.8	251.1	7	209	200	1775	250	1869	205
580	590	251.1	255.4	7	219	200	1775	250	1869	205
590	598	255.4	258.9	7	224	200	1775	250	1869	205
598	605	258.9	261.9	7	230	200	1775	250	1869	205
				8	222	200	1775	250	1987	205
605	616	261.9	266.7	8	226	200	1775	250	1987	205
616	627	266.7	271.4	8	230	200	1775	250	1987	205
627	636	271.4	275.3	8	234	250	1775	250	1987	205
636	644	275.3	278.8	8	239	250	1775	250	1987	205
644	655	278.8	283.5	8	244	250	1775	250	1987	205
655	665	283.5	287.9	8	240	250	1775	250	1987	205

*Pressure based on 1.0 specific gravity

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

1000 GPM, 12M-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
665	680	287.9	294.4	8	258	250	1775	250	1987	205
				9	248	250	1775	250	2105	205
680	690	294.4	298.7	8	263	250	1775	250	1987	205
				9	253	250	1775	250	2105	205
690	700	298.7	303.0	9	257	250	1775	250	2105	205
700	710	303.0	307.4	9	261	250	1775	250	2105	205
710	720	307.4	311.7	9	266	250	1775	250	2105	205
720	730	311.7	316.0	9	271	250	1775	250	2105	205
730	747	316.0	323.4	9	269	250	1775	250	2105	205
747	765	323.4	331.2	9	287.5	250	1775	250	2105	205
				10	278	250	1775	250	2223	205
765	775	331.2	335.5	9	300	300	1775	250	2105	205
				10	287.5	250	1775	250	2223	205
775	786	335.5	340.3	10	291	300	1775	250	2223	205
786	797	340.3	345.0	10	295	300	1775	250	2223	205
797	806	345.0	348.9	10	301	300	1775	250	2223	205
806	815	348.9	352.8	10	305	300	1775	250	2223	205
815	825	352.8	357.1	10	301	300	1775	250	2223	205
825	834	357.1	361.0	10	305	300	1775	250	2223	205

*Pressure based on 1.0 specific gravity

SELECTION TABLES
60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
UL LISTED / FM APPROVED
STAINLESS STEEL IMPELLERS

1250 GPM, 13H-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
244.9	255	106.0	110.4	4	125	125	1780	125	1805	270
255	265	110.4	114.7	4	132	125	1780	125	1805	270
265	275	114.7	119.0	4	138	125	1780	125	1805	270
275	283	119.0	122.5	4	143	125	1780	125	1805	270
283	293	122.5	126.8	4	148	150	1780	125	1805	270
				5	143	125	1780	125	1960	270
293	302	126.8	130.7	4	152	150	1780	125	1805	270
				5	147	150	1780	125	1960	270
				6	143	125	1780	250	2110	270
302	314	130.7	135.9	4	158	150	1780	250	1805	270
				5	154	150	1780	250	1960	270
				6	150	150	1780	250	2110	270
314	325	135.9	140.7	5	161	150	1780	250	1960	270
				6	157	150	1780	250	2110	270
325	336	140.7	145.5	5	168	150	1780	250	1960	270
				6	164	150	1780	250	2110	270
336	345	145.5	149.4	5	172	150	1780	250	1960	270
				6	168	150	1780	250	2110	270
345	356	149.4	154.1	5	177	200	1775	250	1960	270
				6	172	150	1780	250	2110	270
356	364	154.1	157.6	5	181	200	1775	250	1960	270
				6	176	200	1775	250	2110	270
				7	172	150	1780	250	2270	270
364	375	157.6	162.3	5	187	200	1775	250	1960	270
				6	183	200	1775	250	2110	270
				7	179	200	1775	250	2270	270
375	390	162.3	168.8	5	195	200	1775	250	1960	270
				6	192	200	1775	250	2110	270
				7	188	200	1775	250	2270	270
390	401	168.8	173.6	6	199	200	1775	250	2110	270
				7	193	200	1775	250	2270	270
401	412	173.6	178.4	6	204	200	1775	250	2110	270
				7	198	200	1775	250	2270	270
412	424	178.4	183.5	6	208	200	1775	250	2110	270
424	436	183.5	188.7	6	216	200	1775	250	2110	270
436	448	188.7	193.9	6	223	200	1775	250	2110	270
448	460	193.9	199.1	6	230	200	1775	250	2110	270
460	475	199.1	205.6	6	236	250	1775	250	2110	270
				8	230	200	1775	250	2430	270
475	485	205.6	210.0	7	240	250	1775	250	2270	270
				8	235	250	1775	250	2430	270
				9	230	200	1775	250	2590	270
485	498	210.0	215.6	7	245	250	1775	250	2270	270
				9	239	250	1775	250	2590	270
498	512	215.6	221.6	7	251	250	1775	250	2270	270
				9	246	250	1775	250	2590	270
512	526	221.6	227.7	7	257	250	1775	250	2270	270
				9	253	250	1775	250	2590	270
526	538	227.7	232.9	7	264	250	1775	250	2270	270
				9	259	250	1775	250	2590	270

*Pressure based on 1.0 specific gravity

FAIRBANKS NIJHUIS® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

1250 GPM, 13H-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
538	548	232.9	237.2	7	271	250	1775	250	2270	270
				9	266	250	1775	250	2590	270
548	559	237.2	242.0	8	278	250	1775	250	2430	270
				9	273	250	1775	250	2590	270
559	570	242.0	246.8	8	283	250	1775	250	2430	270
				9	279	250	1775	250	2590	270
				10	275	250	1775	250	2750	270
570	582	246.8	251.9	8	287	250	1775	250	2430	270
				10	282	250	1775	250	2750	270
582	587	251.9	254.0	8	291	300	1780	250	2430	270
				10	284	250	1775	250	2750	270

*Pressure based on 1.0 specific gravity

SELECTION TABLES
 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
 UL LISTED / FM APPROVED
 STAINLESS STEEL IMPELLERS
1500 GPM, 13H-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
226	238	98.0	103.0	4	123	125	1780	125	1805	270
238	250	103.0	108.2	4	130	125	1780	125	1805	270
250	262	108.2	113.4	4	136	125	1780	125	1805	270
262	275	113.4	119.0	4	143	125	1780	125	1805	270
275	288	119.0	124.7	4	150	150	1780	125	1805	270
288	300	124.7	129.9	4	158	150	1780	125	1805	270
300	312	129.9	135.1	5	161	150	1780	250	1960	270
312	324	135.1	140.3	5	167	150	1780	250	1960	270
324	335	140.3	145.0	5	172	150	1780	250	1960	270
335	348	145.0	150.6	5	180	200	1775	250	1960	270
348	360	150.6	155.8	5	187	200	1775	250	1960	270
360	372	155.8	161.0	5	193	200	1775	250	1960	270
372	384	161.0	166.2	6	199	200	1775	250	2110	270
384	396	166.2	171.4	6	205	200	1775	250	2110	270
396	408	171.4	176.6	6	212	200	1775	250	2110	270
408	420	176.6	181.8	6	218	200	1775	250	2110	270
420	431	181.8	186.6	6	224	200	1775	250	2110	270
431	442	186.6	191.3	6	230	200	1775	250	2110	270
442	454	191.3	196.5	7	235	250	1775	250	2270	270
454	466	196.5	201.7	7	241	250	1775	250	2270	270
466	476	201.7	206.1	7	247	250	1775	250	2270	270
476	486	206.1	210.4	7	253	250	1775	250	2270	270
486	496	210.4	214.7	7	259	250	1775	250	2270	270
496	506	214.7	219.0	7	265	250	1775	250	2270	270
506	517	219.0	223.8	7	271	250	1775	250	2270	270
517	528	223.8	228.6	8	273	250	1775	250	2430	270
528	540	228.6	233.8	8	280	250	1775	250	2430	270
540	552	233.8	239.0	8	287	250	1775	250	2430	270
552	563	239.0	243.7	8	295	300	1780	250	2430	270

*Pressure based on 1.0 specific gravity

FAIRBANKS NIJHUIS® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

BRONZE IMPELLERS

2000 GPM, 15H-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
224	231	97.0	100.0	3	172	150	1780	125	2420	355
231	240	100.0	103.9	3	182	200	1775	125	2420	355
240	250	103.9	108.2	3	191	200	1775	125	2420	355
250	260	108.2	112.6	3	200	200	1775	125	2420	355
260	270	112.6	116.9	3	209	200	1775	125	2420	355
270	280	116.9	121.2	3	219	200	1775	125	2420	355
				4	207	200	1775	125	2620	355
280	291	121.2	126.0	3	230	200	1775	125	2420	355
				4	217	200	1775	125	2620	355
291	304	126.0	131.6	3	244	250	1775	125	2420	355
				4	230	200	1775	250	2620	355
304	312	131.6	135.1	4	236	250	1775	250	2620	355
312	320	135.1	138.5	4	243	250	1775	250	2620	355
320	330	138.5	142.9	4	253	250	1775	250	2620	355
330	340	142.9	147.2	4	262	250	1775	250	2620	355
340	350	147.2	151.5	4	270	250	1775	250	2620	355
350	360	151.5	155.8	4	279	250	1775	250	2620	355
				5	266	250	1775	250	2820	355
360	368	155.8	159.3	4	287	250	1775	250	2620	355
				5	273	250	1775	250	2820	355
368	382	159.3	165.4	4	300	300	1780	250	2620	355
				5	287	250	1775	250	2820	355
382	390	165.4	168.8	4	308	300	1780	250	2620	355
				5	294	300	1780	250	2820	355
390	402	168.8	174.0	5	323	300	1780	250	2820	355
				5	306	300	1780	250	2820	355
402	410	174.0	177.5	6	313	300	1780	250	3020	355
410	420	177.5	181.8	5	322	300	1780	250	2820	355
420	430	181.8	186.1	5	330	300	1780	250	2820	355
				6	318	300	1780	250	3020	355
430	440	186.1	190.5	5	338	300	1780	250	2820	355
				6	327	300	1780	250	3020	355
440	448	190.5	193.9	5	345	300	1780	250	2820	355
				6	334	300	1780	250	3020	355
448	457	193.9	198.0	5	356	350	1780	250	2820	355
				6	345	300	1780	250	3020	355

*Pressure based on 1.0 specific gravity

SELECTION TABLES
 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
 UL LISTED / FM APPROVED
 BRONZE IMPELLERS

2500 GPM, 15H-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
238	250	103.0	108.2	3	218	200	1775	125	2420	355
250	257	108.2	111.3	3	224	200	1775	125	2420	355
257	264	111.3	114.3	3	230	200	1775	125	2420	355
264	272	114.3	117.7	3	240	250	1775	125	2420	355
272	280	117.7	121.2	3	250	250	1775	125	2420	355
280	288	121.2	124.7	3	260	250	1775	125	2420	355
288	296	124.7	128.1	3	270	250	1775	125	2420	355
296	305	128.1	132.0	3	282	250	1775	125	2420	355
317	324	137.2	140.3	4	287.5	250	1775	250	2620	355
324	332	140.3	143.7	4	294	300	1780	250	2620	355
332	340	143.7	147.2	4	296	300	1780	250	2620	355
340	348	147.2	150.6	4	303	300	1780	250	2620	355
348	356	150.6	154.1	4	310	300	1780	250	2620	355
356	364	154.1	157.6	4	319	300	1780	250	2620	355
364	372	157.6	161.0	4	328	300	1780	250	2620	355
372	380	161.0	164.5	4	337	300	1780	250	2620	355
380	390	164.5	168.8	4	345	300	1780	250	2620	355
390	402	168.8	174.0	4	368	350	1780	250	2620	355
402	410	174.0	177.5	5	360	350	1780	250	2820	355
410	418	177.5	181.0	5	368	350	1780	250	2820	355
418	432	181.0	187.0	5	376	350	1780	250	2820	355

*Pressure based on 1.0 specific gravity

FAIRBANKS NIJHUIS® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

3000 GPM, 19A-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
231 [^]		100.0		2	287	250	1780	125	2430	330
231	240 [^]	100.0	103.9	2	300	300	1780	125	2430	330
240	246 [^]	103.9	106.5	2	309	300	1780	125	2430	330
246	252 [^]	106.5	109.1	2	317	300	1780	125	2430	330
252	258 [^]	109.1	111.7	2	326	300	1780	125	2430	330
258	264	111.7	114.3	2	335	300	1780	125	2430	330
264	271	114.3	117.3	2	345	300	1780	125	2430	330
271	278	117.3	120.3	2	358	350	1780	125	2430	330
278	286	120.3	123.8	2	372	350	1780	125	2430	330
286	294	123.8	127.3	2	386	350	1780	125	2430	330
294	303	127.3	131.2	2	402	350	1780	250	2430	330
				3	363	350	1780	250	2795	345
303	312	131.2	135.1	3	375	350	1780	250	2795	345
312	320	135.1	138.5	3	387	350	1780	250	2795	345
320	326	138.5	141.1	3	395	350	1780	250	2795	345
326	331	141.1	143.3	3	402	350	1780	250	2795	345
331	336	143.3	145.5	3	409	400	1780	250	2795	345
336	340	145.5	147.2	3	415	400	1780	250	2795	345
340	345	147.2	149.4	3	422	400	1780	250	2795	345
345	350	149.4	151.5	3	430	400	1780	250	2795	345
350	355	151.5	153.7	3	438	400	1780	250	2795	345
355	360	153.7	155.8	3	446	400	1780	250	2795	345
360	365	155.8	158.0	3	453	400	1780	250	2795	345
365	370	158.0	160.2	3	460	450	1780	250	2795	345
370	375	160.2	162.3	3	468	450	1780	250	2795	345
375	380	162.3	164.5	3	476	450	1780	250	2795	345
380	385	164.5	166.7	3	484	450	1780	250	2795	345
385	390	166.7	168.8	3	492	450	1780	250	2795	345
390	395	168.8	171.0	3	500	450	1780	250	2795	345
395	400	171.0	173.2	3	507	450	1780	250	2795	345
400	406	173.2	175.8	3	517	450	1780	250	2795	345
406	410	175.8	177.5	3	523	500	1780	250	2795	345
410	415	177.5	179.7	3	531	500	1780	250	2795	345
415	420	179.7	181.8	3	539	500	1780	250	2795	345
420	425 [^]	181.8	184.0	3	547	500	1780	250	2795	345
425	430 [^]	184.0	186.1	3	555	500	1780	250	2795	345
430	436.5 [^]	186.1	189.0	3	564	500	1780	250	2795	345

*Pressure based on 1.0 specific gravity

*FM-Approved only

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

3500 GPM, 19A-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
219.4	221^	95.0	95.7	2	287	250	1780	125	2430	330
221	228^	95.7	98.7	2	299	300	1780	125	2430	330
228	235^	98.7	101.7	2	311	300	1780	125	2430	330
235	240^	101.7	103.9	2	320	300	1780	125	2430	330
240	245^	103.9	106.1	2	328	300	1780	125	2430	330
245	250	106.1	108.2	2	337	300	1780	125	2430	330
250	255	108.2	110.4	2	345	300	1780	125	2430	330
255	263	110.4	113.9	2	358	350	1780	125	2430	330
263	270	113.9	116.9	2	371	350	1780	125	2430	330
270	275	116.9	119.0	2	380	350	1780	125	2430	330
275	280	119.0	121.2	2	388	350	1780	125	2430	330
280	288	121.2	124.7	2	402	350	1780	125	2430	330
288	293	124.7	126.8	2	410	400	1780	250	2430	330
293	298	126.8	129.0	2	419	400	1780	250	2430	330
298	302.6	129.0	131.0	2	427	400	1780	250	2430	330
339.6	345	147.0	149.4	3	451	400	1780	250	2795	345
345	350	149.4	151.5	3	460	400	1780	250	2795	345
350	357	151.5	154.5	3	470	450	1780	250	2795	345
357	363	154.5	157.1	3	480	450	1780	250	2795	345
363	370	157.1	160.2	3	490	450	1780	250	2795	345
370	377	160.2	163.2	3	502	450	1780	250	2795	345
377	381	163.2	164.9	3	508	500	1780	250	2795	345
381	385	164.9	166.7	3	514	450	1780	250	2795	345
385	390	166.7	168.8	3	522	450	1780	250	2795	345
390	395	168.8	171.0	3	529	500	1780	250	2795	345
395	399.6	171.0	173.0	3	536	500	1780	250	2795	345
400	405^	173.0	175.3	3	545	500	1780	250	2795	345
405	410^	175.3	177.5	3	553	500	1780	250	2795	345
410	415.8^	177.5	180.0	3	562	500	1780	250	2795	345

*Pressure based on 1.0 specific gravity

^FM-Approved only

FAIRBANKS NIJHUIS® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

4000 GPM, 19B-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
275	280	119.0	121.2	2	438	400	1780	125	2430	330
280	285	121.2	123.4	2	449	400	1780	125	2430	330
285	290	123.4	125.5	2	460	400	1780	125	2430	330
290	295	125.5	127.7	2	471	450	1780	250	2430	330
295	300	127.7	129.9	2	482	450	1780	250	2430	330
300	306	129.9	132.5	2	495	450	1780	250	2430	330
306	312	132.5	135.0	2	508	450	1780	250	2430	330
358	364	155.0	157.6	3	562	500	1780	250	2795	345
364	372	157.6	161.0	3	575	500	1780	250	2795	345
372	377	161.0	163.2	3	583	600	1780	250	2795	345
377	381	163.2	164.9	3	590	600	1780	250	2795	345
381	385	164.9	166.7	3	596	600	1780	250	2795	345
385	390	166.7	168.8	3	604	600	1780	250	2795	345
390	395	168.8	171.0	3	612	600	1780	250	2795	345
395	400	171.0	173.2	3	621	600	1780	250	2795	345
400	405	173.2	175.3	3	629	600	1780	250	2795	345
405	410	175.3	177.5	3	637	600	1780	250	2795	345
410	415.8	177.5	180.0	3	647	600	1780	250	2795	345
415.8	420^	180.0	181.8	3	657	600	1780	250	2795	345
420	425^	181.8	184.0	3	667	600	1780	250	2795	345
425	430^	184.0	186.1	3	677	600	1780	250	2795	345
430	436.6^	186.1	189.0	3	690	600	1780	250	2795	345

*Pressure based on 1.0 specific gravity

^FM-Approved only

SELECTION TABLES

Date **May 2018**

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

4500 GPM, 19B-7000F

TOTAL HEAD (FT. H2O)		PRESSURE (PSI)*		NUMBER OF STAGES	MAX. BHP REQUIRED	REQUIRED MOTOR HP RATING	FULL LOAD SPEED (RPM)	FLANGE RATING (PSI)	APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.)	APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.)
OVER	TO (INCLUSIVE)	OVER	TO (INCLUSIVE)							
261	265	113.0	114.7	2	424	400	1780	125	2430	330
265	270	114.7	116.9	2	436	400	1780	125	2430	330
270	275	116.9	119.0	2	448	400	1780	125	2430	330
275	280	119.0	121.2	2	460	400	1780	125	2430	330
280	285	121.2	123.4	2	471	450	1780	250	2430	330
285	288.7	123.4	125.0	2	480	450	1780	250	2430	330
381.2	385	165.0	166.7	3	618	600	1780	250	2795	345
385	390	166.7	168.8	3	628	600	1780	250	2795	345
390	395	168.8	171.0	3	638	600	1780	250	2795	345
395	399.6	171.0	173.0	3	648	600	1780	250	2795	345
399.6	405^	173.0	175.3	3	559	600	1780	250	2795	345
405	411^	175.3	177.9	3	671	600	1780	250	2795	345
411	418^	177.9	181.0	3	685	600	1780	250	2795	345

*Pressure based on 1.0 specific gravity

^FM-Approved only