

# Selection Tables

## Vertical Split Case Fire Pump

### Electric Motor Driven

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
<b>2 5 0  G P M</b>	40	92	15	3560	15	3-483-10	215HP	521
	45	104	15	3560	17	3-483-10	215HP	521
	50	116	20	3560	19	3-483-10	254HP	673
	52	120	15	3560	13	2.5-483-10B	215HP	456
	55	127	15	3560	15	2.5-483-10B	215HP	456
			20	3560	20	3-483-10	254HP	673
	60	139	15	3560	16	2.5-483-10B	215HP	456
			20	3560	22	3-483-10	254HP	673
	65	150	20	3560	18	2.5-483-10B	254HP	608
			25	3560	25	3-483-10	256HP	675
	70	162	20	3560	19	2.5-483-10B	254HP	608
			25	3560	27	3-483-10	256HP	675
	75	173	20	3560	21	2.5-483-10B	254HP	608
			30	3560	30	3-483-10	284HPH	795
	80	185	20	3560	22	2.5-483-10B	254HP	608
			30	3560	33	3-483-10	284HPH	795
	85	196	25	3560	25	2.5-483-10B	256HP	610
			40	3560	36	3-483-10	286HPH	795
	90	208	25	3560	27	2.5-483-10B	256HP	610
			40	3560	40	3-483-10	286HPH	795
	95	219	25	3560	28	2.5-483-10B	256HP	610
			40	3560	44	3-483-10	286HPH	795
	100	231	30	3560	30	2.5-483-10B	284HPH	730
			50	3560	49	3-483-10	324HP	945
	105	243	30	3560	34	2.5-483-10B	284HPH	730
	110	254	40	3560	35	2.5-483-10B	286HPH	730
115	266	40	3560	37	2.5-483-10B	286HPH	730	
120	277	40	3560	42	2.5-483-10B	286HPH	730	
125	289	40	3560	43	2.5-483-10B	286HPH	730	
130	300	40	3560	45	2.5-483-10B	286HPH	730	
135	312	50	3560	50	2.5-483-10B	324HP	730	
140	323	50	3560	52	2.5-483-10B	324HP	880	
145	335	50	3560	55	2.5-483-10B	324HP	880	
150	347	50	3560	57	2.5-483-10B	324HP	880	
155	358	60	3560	61	2.5-483-10B	326HP	891	
160	370	60	3560	63	2.5-483-10B	326HP	891	
165	381	60	3560	66	2.5-483-10B	326HP	891	
167	386	75	3560	68	2.5-483-10B	326HP	891	

# Selection Tables

## Vertical Split Case Fire Pump

### Electric Motor Driven

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
<b>500 GPM</b>	40	92	20	1770	21	4-483-11A	256HP	745
	45	104	20	1770	23	4-483-11A	256HP	745
	50	116	25	1770	28	4-483-11A	284HPH	863
			25	3560	24	3-483-10	256HP	675
	55	127	30	1770	33	4-483-11A	286HPH	865
			25	3560	25	3-483-10	256HP	675
	60	139	40	1770	38	4-483-15	324HP	1070
			25	3560	27	3-483-10	256HP	675
	65	150	40	1770	42	4-483-15	324HP	1070
			30	3560	30	3-483-10	284HPH	795
	70	162	40	1770	46	4-483-15	324HP	1070
			30	3560	33	3-483-10	284HPH	795
	75	173	50	1770	50	4-483-15	326HP	1081
			40	3560	36	3-483-10	286HPH	795
	80	185	50	1770	55	4-483-15	326HP	1081
			40	3560	39	3-483-10	286HPH	795
	85	196	40	3560	42	3-483-10	286HPH	795
	90	208	40	3560	46	3-483-10	286HPH	795
	95	219	50	3560	49	3-483-10	324HP	945
	100	231	50	3560	52	3-483-10	324HP	945
105	243	50	3560	54	3-483-10	324HP	945	
110	254	50	3560	57	3-483-10	324HP	945	
115	266	60	3560	61	3-483-10	326HP	956	
120	277	60	3560	65	3-483-10	326HP	956	
125	289	60	3560	69	3-483-10	326HP	956	
130	300	75	3560	73	3-483-10	364HP	966	
135	312	75	3560	77	3-483-10	364HP	966	
140	323	75	3560	82	3-483-10	364HP	966	
145	335	75	3560	86	3-483-10	364HP	966	
150	347	100	3560	90	3-483-10	365HP	1020	

# Selection Tables

## Vertical Split Case Fire Pump

### Electric Motor Driven

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
<b>7 5 0  G P M</b>	40	92	25	1770	26	4-483-11A	284HPH	863
	45	104	25	1770	28	4-483-11A	284HPH	863
	50	116	30	1770	33	4-483-11A	286HPH	865
			30	1770	34	5-483-15	286HPH	1165
	55	127	40	1770	39	5-483-15	324HP	1315
	60	139	40	1770	45	5-483-15	324HP	1315
	65	150	50	1770	50	5-483-15	326HP	1326
			40	3560	42	4-483-11C	286HPH	865
	70	162	50	1770	55	5-483-15	326HP	1326
			50	3560	48	4-483-11C	324HP	1015
	71	164	50	1770	50	4-483-15	326HP	1081
	75	173	50	1770	54	4-483-15	326HP	1081
			50	3560	52	4-483-11C	324HP	1015
	80	185	60	1770	59	4-483-15	364HP	1100
			50	3560	53	4-483-11C	324HP	1015
	81	187	50	3560	51	4-483-11D	324HP	1015
	85	196	60	1770	65	4-483-15	364HP	1100
			50	3560	55	4-483-11D	324HP	1015
	90	208	75	1770	70	4-483-15	365HP	1160
			60	3560	59	4-483-11D	326HP	1026
	95	219	75	1770	76	4-483-15	365HP	1160
			60	3560	63	4-483-11D	326HP	1026
	100	231	60	3560	66	4-483-11D	326HP	1026
	105	243	75	3560	71	4-483-11D	364HP	1045
	110	254	75	3560	75	4-483-11D	364HP	1045
	115	266	75	3560	79	4-483-11D	364HP	1045
	120	277	75	3560	85	4-483-11D	364HP	1045
	125	289	75	3560	91	4-483-11D	364HP	1045
	130	300	100	3560	94	4-483-11D	365HP	1095
	135	312	100	3560	100	4-483-11D	365HP	1095
140	323	100	3560	105	4-483-11D	365HP	1095	
145	335	100	3560	109	4-483-11D	365HP	1095	
150	347	100	3560	114	4-483-11D	365HP	1095	
155	358	125	3560	116	4-483-11D	404HP	1260	
160	370	125	3560	119	4-483-11D	404HP	1260	
165	381	125	3560	123	4-483-11D	404HP	1260	
170	393	125	3560	128	4-483-11D	404HP	1260	
175	404	125	3560	133	4-483-11D	404HP	1260	
180	416	125	3560	138	4-483-11D	404HP	1260	
185	427	125	3560	141	4-483-11D	404HP	1260	
190	439	150	3560	149	4-483-11D	405HP	1475	
192	444	150	3560	171	4-483-11C	405HP	1475	

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Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
<b>1 0 0 0 G P M</b>	40	92	30	1770	34	6-483-11	286HPH	1080
	45	104	40	1770	40	6-483-11	324HP	1230
	50	116	40	1770	44	5-483-15	324HP	1315
			40	1770	46	6-483-11	324HP	1230
	55	127	50	1770	51	5-483-15	326HP	1326
	60	139	50	1770	56	5-483-15	326HP	1326
	65	150	60	1770	63	5-483-15	364HP	1345
	70	162	60	1770	67	5-483-15	364HP	1345
	75	173	75	1770	72	5-483-15	365HP	1405
	80	185	75	1770	81	5-483-15	365HP	1405
	85	196	75	1770	83	5-483-15	365HP	1405
	90	208	75	1770	86	5-483-17	365HP	1525
			100	1770	94	5-483-15	404HP	1560
			75	3560	81	5-483-11C	364HP	1190
	95	219	100	1770	94	5-483-17	404HP	1680
			75	3560	85	5-483-11C	364HP	1190
	100	231	100	1770	100	5-483-17	404HP	1680
			100	3560	87	5-483-11C	365HP	1240
	105	243	100	1770	109	5-483-17	404HP	1680
			100	3560	93	5-483-11C	365HP	1240
	110	254	125	1770	118	5-483-17	405HP	1895
			100	3560	100	5-483-11C	365HP	1240
	115	266	125	1770	127	5-483-17	405HP	1895
			100	3560	105	5-483-11C	365HP	1240
	120	277	125	1770	136	5-483-17	405HP	1895
			100	3560	110	5-483-11C	365HP	1240
	125	289	150	1770	146	5-483-17	444HP	1995
			100	3560	114	5-483-11C	365HP	1240
	130	300	125	3560	119	5-483-11C	404HP	1405
	135	312	125	3560	123	5-483-11C	404HP	1405
	140	323	125	3560	128	5-483-11C	404HP	1405
	145	335	125	3560	133	5-483-11C	404HP	1405
150	347	150	3560	144	5-483-11C	405HP	1620	
155	358	150	3560	148	5-483-11C	405HP	1620	
160	370	150	3560	158	5-483-11B	405HP	1620	
		150	3560	158	5-483-11C	405HP	1620	
165	381	150	3560	165	5-483-11B	405HP	1620	
170	393	150	3560	172	5-483-11B	405HP	1620	
175	404	200	3560	182	5-483-11B	444HP	1720	
180	416	200	3560	195	5-483-11B	444HP	1720	
185	427	200	3560	205	5-483-11B	444HP	1720	
190	439	200	3560	209	5-483-11B	444HP	1720	
195	450	200	3560	213	5-483-11B	444HP	1720	
200	462	200	3560	218	5-483-11B	444HP	1720	

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### Electric Motor Driven

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
<b>1 2 5 0  G P M</b>	45	104	50	1770	54	8-483-12	326HP	1505
	50	116	60	1770	63	8-483-12	364HP	1535
	53	122	60	1770	69	8-483-12	364HP	1535
	55	127	50	1770	58	6-483-15C	326HP	1326
	60	139	60	1770	63	6-483-15C	364HP	1345
	65	150	60	1770	69	6-483-15C	364HP	1345
	70	162	75	1770	78	6-483-15C	365HP	1405
	75	173	75	1770	85	6-483-15C	365HP	1405
	80	185	100	1770	92	6-483-15C	404HP	1560
	85	196	100	1770	99	6-483-15C	404HP	1560
			100	1770	112	6-483-20	404HP	1920
	90	208	100	1770	108	6-483-15C	404HP	1560
			125	1770	119	6-483-20	405HP	2135
	95	219	100	1770	115	6-483-15C	404HP	1560
			125	1770	126	6-483-20	405HP	2135
	100	231	125	1770	126	6-483-18B	405HP	2060
			125	1770	134	6-483-20	405HP	2135
	105	243	125	1770	134	6-483-18B	405HP	2060
			125	1770	141	6-483-20	405HP	2135
	110	254	125	1770	141	6-483-18B	405HP	2060
			150	1770	149	6-483-20	444HP	2235
	115	266	150	1770	148	6-483-18B	444HP	2160
			150	1770	157	6-483-20	444HP	2235
	120	277	150	1770	156	6-483-18B	444HP	2160
			150	1770	165	6-483-20	444HP	2235
	125	289	150	1770	164	6-483-18B	444HP	2160
			150	1770	172	6-483-20	444HP	2235
	130	300	150	1770	172	6-483-18B	444HP	2160
200			1770	180	6-483-20	445HP	2425	
135	312	200	1770	184	6-483-18B	445HP	2350	
		200	1770	187	6-483-20	445HP	2425	
140	323	200	1770	196	6-483-18B	445HP	2350	
		200	1770	195	6-483-20	445HP	2425	
145	335	200	1770	219	6-483-20	445HP	2425	
150	347	200	1770	230	6-483-20	445HP	2425	
155	358	250	1770	243	6-483-20	RTF	2425	
160	370	250	1770	254	6-483-20	RTF	2425	
165	381	250	1770	264	6-483-20	RTF	2425	
168	388	250	1770	268	6-483-20	RTF	2425	

# Selection Tables

## Vertical Split Case Fire Pump

### Electric Motor Driven

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
<b>1 5 0 0  G P M</b>	40	92	50	1770	50	8-483-12	326HP	1505
	45	104	60	1770	60	8-483-12	364HP	1535
	50	116	60	1770	64	6-483-15	364HP	1345
			60	1770	69	8-483-12	364HP	1535
	55	127	60	1770	68	6-483-15	364HP	1345
	60	139	75	1770	75	6-483-15	365HP	1405
	65	150	75	1770	85	6-483-15	365HP	1405
	71	164	75	1770	85	6-483-15C	365HP	1405
	75	173	100	1770	100	6-483-15	404HP	1560
			100	1770	91	6-483-15C	404HP	1560
			100	1770	110	6-483-15	404HP	1560
	80	185	100	1770	100	6-483-15C	404HP	1560
			100	1770	112	6-483-20	404HP	1560
			125	1770	119	6-483-15	405HP	2135
	85	196	100	1770	108	6-483-15C	404HP	1560
			125	1770	119	6-483-20	405HP	2135
			125	1770	128	6-483-15	405HP	2135
	90	208	100	1770	115	6-483-15C	404HP	1560
			125	1770	126	6-483-20	405HP	2135
			125	1770	124	6-483-18B	405HP	2060
	95	219	125	1770	134	6-483-20	405HP	2135
			125	1770	141	6-483-20	405HP	2135
	100	231	125	1770	134	6-483-18B	405HP	2060
			125	1770	141	6-483-20	405HP	2135
	105	243	125	1770	141	6-483-18B	405HP	2060
			150	1770	149	6-483-20	444HP	2235
	110	254	150	1770	148	6-483-18B	444HP	2160
			150	1770	157	6-483-20	444HP	2235
	115	266	150	1770	156	6-483-18B	444HP	2160
			150	1770	165	6-483-20	444HP	2235
120	277	150	1770	164	6-483-18B	444HP	2160	
		150	1770	172	6-483-20	444HP	2235	
125	289	150	1770	172	6-483-18B	444HP	2160	
		200	1770	180	6-483-20	445HP	2425	
130	300	200	1770	184	6-483-18B	445HP	2350	
		200	1770	187	6-483-20	445HP	2425	
135	312	200	1770	195	6-483-20	445HP	2425	
140	323	200	1770	216	6-483-20	445HP	2425	
145	335	200	1770	228	6-483-20	445HP	2425	
150	347	250	1770	241	6-483-20	RTF	RTF	
155	358	250	1770	250	6-483-20	RTF	RTF	
160	370	250	1770	260	6-483-20	RTF	RTF	
165	381	250	1770	268	6-483-20	RTF	RTF	

# Selection Tables

## Vertical Split Case Fire Pump

### Electric Motor Driven

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Date **MARCH 1, 2011**  
Supersedes Feb 1, 2011

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
<b>2000 GPM</b>	53	122	100	1770	100	8-483-17B	404HP	1910
	55	127	100	1770	108	8-483-17B	404HP	1910
	60	139	125	1770	119	8-483-17B	405HP	2125
	65	150	125	1770	129	8-483-17B	405HP	2125
	70	162	125	1770	139	8-483-17B	405HP	2125
	75	173	150	1770	150	8-483-17B	444HP	2225
	80	185	125	1770	131	6-483-15B	405HP	1775
			150	1770	160	8-483-17B	444HP	2225
	85	196	125	1770	143	6-483-15B	405HP	1775
			150	1770	170	8-483-17B	444HP	2225
	90	208	150	1770	156	6-483-15B	444HP	1875
			200	1770	179	8-483-17B	445HP	2415
	95	219	150	1770	161	6-483-15B	444HP	1875
			200	1770	188	8-483-17B	445HP	2415
	100	231	150	1770	172	6-483-15B	444HP	1875
			200	1770	185	6-483-15C	445HP	2350
			200	1770	197	8-483-17B	445HP	2415
	105	243	200	1770	193	6-483-18C	445HP	2350
			200	1770	200	8-483-17B	445HP	2415
	110	254	200	1770	202	6-483-18C	445HP	2350
			200	1770	213	8-483-17B	445HP	2415
	115	266	200	1770	210	6-483-18C	445HP	2350
			200	1770	220	8-483-17B	445HP	2415
	120	277	200	1770	218	6-483-18C	445HP	2350
200			1770	230	8-483-17B	445HP	2415	
125	289	200	1770	226	6-483-18C	445HP	2350	
		200	1770	218	6-483-20	445HP	2425	
		250	1770	250	8-483-17B	RTF	RTF	
130	300	250	1770	235	6-483-18C	RTF	RTF	
		200	1770	223	6-483-20	445HP	2425	
		250	1770	270	8-483-17B	RTF	RTF	
135	312	250	1770	243	6-483-18C	RTF	RTF	
		250	1770	235	6-483-20	RTF	RTF	
140	323	250	1770	247	6-483-18C	RTF	RTF	
		250	1770	240	6-483-20	RTF	RTF	
145	335	250	1770	245	6-483-20	RTF	RTF	
150	347	250	1770	260	6-483-20	RTF	RTF	

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## Vertical Split Case Fire Pump

### Electric Motor Driven

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
<b>2 5 0 0 G P M</b>	75	173	150	1770	165	8-483-17B	444HP	2225
	80	185	150	1770	172	8-483-17B	444HP	2225
	85	196	200	1770	180	8-483-17B	445HP	2415
	90	208	200	1770	189	8-483-17B	445HP	2415
	95	219	200	1770	202	8-483-17B	445HP	2415
	100	231	200	1770	214	8-483-17B	445HP	2415
	105	243	200	1770	225	8-483-17B	445HP	2415
	110	254	250	1770	239	8-483-17B	RTF	RTF
	115	266	250	1770	250	8-483-17B	RTF	RTF
	120	277	250	1770	265	8-483-17B	RTF	RTF
	125	289	250	1770	275	8-483-17B	RTF	RTF
	130	300	300	1770	295	8-483-17B	RTF	RTF