

Vertical Inline Fire Pump
60 Hz Electric Motor Driven

Date **March 28, 2014**

Electric Driven					
Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
50 GPM	75	173	3500	2"-1591CF	Yes
	80	185	3500	2"-1591CF	Yes
	85	196	3500	2"-1591CF	Yes
	90	208	3500	2"-1591CF	Yes
	95	219	3500	2"-1591CF	Yes
	100	231	3500	2"-1591CF	Yes
	105	243	3500	2"-1591CF	Yes
	110	254	3500	2"-1591CF	Yes
	115	266	3500	2"-1591CF	No
	120	277	3500	2"-1591CF	No
	125	289	3500	2"-1591CF	No
	130	300	3500	2"-1591CF	No
	135	312	3500	2"-1591CF	No
	140	323	3500	2"-1591CF	No
	145	335	3500	2"-1591CF	No
	150	347	3500	2"-1591CF	No
	155	358	3500	2"-1591CF	No

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

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Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
100 GPM	43	99	3500	3"-1591AF	Yes
	50	116	3500	3"-1591AF	Yes
	55	127	3500	3"-1591AF	Yes
	60	139	3500	3"-1591AF	Yes
	65	150	3500	3"-1591AF	Yes
	70	162	3500	2"-1591CF	Yes
	75	173	3500	2"-1591CF	Yes
	80	185	3500	2"-1591CF	Yes
	85	196	3500	2"-1591CF	Yes
	90	208	3500	2"-1591CF	Yes
	95	219	3500	2"-1591CF	Yes
	100	231	3500	2"-1591CF	Yes
	105	243	3500	2"-1591CF	No
	110	254	3500	2"-1591CF	No
	115	266	3500	2"-1591CF	No
	120	277	3500	2"-1591CF	No
	125	289	3500	2"-1591CF	No
	130	300	3500	2"-1591CF	No
	135	312	3500	2"-1591CF	No
	140	323	3500	2"-1591CF	No
	145	335	3500	2"-1591CF	No
	150	347	3500	2"-1591CF	No

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Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
150 GPM	41	95	3500	3"-1591AF	Yes
	43	99	3500	3"-1591CF	Yes
	45	104	3500	3"-1591AF	Yes
			3500	3"-1591CF	Yes
	50	116	3500	3"-1591AF	Yes
			3500	3"-1591CF	Yes
	55	127	3500	3"-1591AF	Yes
			3500	3"-1591CF	Yes
	60	139	3500	3"-1591AF	Yes
			3500	3"-1592AF	Yes
			3500	3"-1591CF	Yes
	65	150	3500	3"-1592AF	Yes
			3500	3"-1591CF	Yes
	70	162	3500	3"-1592AF	Yes
			3500	3"-1591CF	No
	75	173	3500	3"-1592AF	No
			3500	3"-1591CF	No
	80	185	3500	3"-1592AF	No
	83	192	3500	3"-1593BF	No
	85	196	3500	3"-1592AF	No
			3500	3"-1593BF	No
	90	208	3500	3"-1592AF	No
			3500	3"-1593BF	No
	95	219	3500	3"-1592AF	No
			3500	3"-1593BF	No
	100	231	3500	3"-1592AF	No
			3500	3"-1593BF	No
	105	243	3500	3"-1592AF	No
			3500	3"-1593BF	No
	110	254	3500	3"-1592AF	No
			3500	3"-1593BF	No
	115	266	3500	3"-1592AF	No
			3500	3"-1593BF	No
	120	277	3500	3"-1592AF	No
			3500	3"-1593BF	No
	125	289	3500	3"-1592AF	No
			3500	3"-1593BF	No
	130	300	3500	3"-1592AF	No
			3500	3"-1593BF	No
	135	312	3500	3"-1592AF	No
			3500	3"-1593BF	No
	140	323	3500	3"-1592AF	No
			3500	3"-1593BF	No
	141	326	3500	3"-1593BF	No
	145	335	3500	3"-1592AF	No
	150	347	3500	3"-1592AF	No
	155	358	3500	3"-1592AF	No
	160	370	3500	3"-1592AF	No

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Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
200 GPM	40	92	3500	3"-1591AF	Yes
			3500	3"-1591CF	Yes
	45	104	3500	3"-1591AF	Yes
			3500	3"-1591CF	Yes
	50	116	3500	3"-1591AF	Yes
			3500	3"-1591CF	Yes
	55	127	3500	3"-1591AF	Yes
			3500	3"-1591CF	Yes
	56	129	3500	3"-1592AF	Yes
	60	139	3500	3"-1592AF	Yes
			3500	3"-1591CF	Yes
	65	150	3500	3"-1592AF	No
			3500	3"-1591CF	No
	70	162	3500	3"-1592AF	No
			3500	3"-1591CF	No
	74	171	3500	3"-1591CF	No
	75	173	3500	3"-1592AF	No
	80	185	3500	3"-1592AF	No
			3500	3"-1593BF	No
	85	196	3500	3"-1592AF	No
			3500	3"-1593BF	No
	90	208	3500	3"-1592AF	No
			3500	3"-1593BF	No
	95	219	3500	3"-1592AF	No
			3500	3"-1593BF	No
	100	231	3500	3"-1592AF	No
			3500	3"-1593BF	No
	105	243	3500	3"-1592AF	No
			3500	3"-1593BF	No
	110	254	3500	3"-1592AF	No
			3500	3"-1593BF	No
	115	266	3500	3"-1592AF	No
			3500	3"-1593BF	No
	120	277	3500	3"-1592AF	No
			3500	3"-1593BF	No
	125	289	3500	3"-1592AF	No
			3500	3"-1593BF	No
	130	300	3500	3"-1592AF	No
			3500	3"-1593BF	No
	135	312	3500	3"-1592AF	No
			3500	3"-1593BF	No
	139	321	3500	3"-1593BF	No
	140	323	3500	3"-1592AF	No
	145	335	3500	3"-1592AF	No
	150	347	3500	3"-1592AF	No
	155	358	3500	3"-1592AF	No
	159	367	3500	3"-1592AF	No

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Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
250 GPM	40	92	3500	3"-1591BF	Yes
	45	104	3500	3"-1591BF	Yes
	46	106	3500	3"-1591CF	Yes
	50	116	3500	3"-1591BF	Yes
			3500	3"-1591CF	Yes
	55	127	3500	3"-1591BF	No
			3500	3"-1591CF	No
	60	139	3500	3"-1591BF	No
			3500	3"-1591CF	No
	65	150	3500	3"-1591BF	No
			3500	3"-1591CF	No
	70	162	3500	3"-1593F	No
			3500	3"-1591CF	No
	72	166	3500	3"-1591CF	No
	74	171	3500	3"-1593BF	No
	75	173	3500	3"-1593F	No
			3500	3"-1593BF	No
	80	185	3500	3"-1593F	No
			3500	3"-1593BF	No
	85	196	3500	3"-1593F	No
			3500	3"-1593BF	No
	90	208	3500	3"-1593F	No
			3500	3"-1593BF	No
	95	219	3500	3"-1593F	No
			3500	3"-1593BF	No
	100	231	3500	3"-1593F	No
			3500	3"-1593BF	No
	105	243	3500	3"-1593F	No
			3500	3"-1593BF	No
	110	254	3500	3"-1593F	No
			3500	3"-1593BF	No
	115	266	3500	3"-1593F	No
			3500	3"-1593BF	No
	120	277	3500	3"-1593F	No
			3500	3"-1593BF	No
	125	289	3500	3"-1593F	No
			3500	3"-1593BF	No
	130	300	3500	3"-1593F	No
			3500	3"-1593BF	No
	135	312	3500	3"-1593F	No
			3500	3"-1593BF	No
	137	316	3500	3"-1593BF	No
	138	319	3500	3"-1593F	No

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Electric Driven					
Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
300 GPM	41	95	3500	3"-1591CF	No
	42	97	3500	4"-1591BF	No
	45	104	3500	4"-1591BF	No
			3500	3"-1591CF	No
	50	116	3500	4"-1591BF	No
			3500	3"-1591CF	No
	55	127	3500	4"-1591BF	No
			3500	3"-1591CF	No
	60	139	3500	4"-1591BF	No
			3500	3"-1591CF	No
	65	150	3500	4"-1591BF	No
			3500	3"-1591CF	No
	70	162	3500	4"-1591BF	No
			3500	3"-1591CF	No
			3500	3"-1593BF	No
	72	166	3500	3"-1593BF	No
	73	169	3500	4"-1591BF	No
	74	171	3500	4"-1593BF	No
	75	173	3500	3"-1593BF	No
	80	185	3500	4"-1593BF	No
			3500	3"-1593BF	No
	85	196	3500	4"-1593BF	No
			3500	3"-1593BF	No
	90	208	3500	4"-1593BF	No
			3500	3"-1593BF	No
	95	219	3500	4"-1592F	No
			3500	3"-1593BF	No
	100	231	3500	4"-1592F	No
			3500	3"-1593BF	No
	105	243	3500	4"-1592F	No
			3500	3"-1593BF	No
	110	254	3500	4"-1592F	No
			3500	3"-1593BF	No
	115	266	3500	4"-1592F	No
			3500	3"-1593BF	No
	120	277	3500	4"-1592F	No
			3500	3"-1593BF	No
	125	289	3500	4"-1592F	No
			3500	3"-1593BF	No
	130	300	3500	4"-1592F	No
			3500	3"-1593BF	No
	134	310	3500	3"-1593BF	No
	135	312	3500	4"-1592F	No
	139	321	3500	4"-1592F	No

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Electric Driven					
Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
400 GPM	40	92	3500	4"-1591CF	No
	45	104	3500	4"-1591CF	No
	50	116	3500	4"-1591BF	No
			3500	4"-1591CF	No
	55	127	3500	4"-1591BF	No
			3500	4"-1591CF	No
	56	129	3500	4"-1591CF	No
	60	139	3500	4"-1591BF	No
	65	150	3500	4"-1591BF	No
	70	162	3500	4"-1593BF	No
	75	173	3500	4"-1593BF	No
	80	185	3500	4"-1593BF	No
	85	196	3500	4"-1592F	No
	90	208	3500	4"-1592F	No
	95	219	3500	4"-1592F	No
	100	231	3500	4"-1592F	No
	105	243	3500	4"-1592F	No
	110	254	3500	4"-1592F	No
	115	266	3500	4"-1592F	No
	120	277	3500	4"-1592F	No
	125	289	3500	4"-1592F	No
	130	300	3500	4"-1592F	No
	135	312	3500	4"-1592F	No
	136	314	3500	4"-1592F	No

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Electric Driven					
Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
450 GPM	40	92	3500	4"-1591CF	No
	45	104	3500	4"-1591CF	No
	49	113	3500	4"-1591BF	No
	50	116	3500	4"-1591CF	No
	55	127	3500	4"-1591BF	No
			3500	4"-1591CF	No
	60	139	3500	4"-1591BF	No
	65	150	3500	4"-1591BF	No
	72	166	3500	4"-1591BF	No
	82	189	3500	4"-1592F	No
	85	196	3500	4"-1592F	No
	90	208	3500	4"-1592F	No
	95	219	3500	4"-1592F	No
	96	222	3500	4"-1593BF	No
	100	231	3500	4"-1592F	No
			3500	4"-1593BF	No
	105	243	3500	4"-1592F	No
			3500	4"-1593BF	No
	110	254	3500	4"-1592F	No
			3500	4"-1593BF	No
	115	266	3500	4"-1592F	No
			3500	4"-1593BF	No
	120	277	3500	4"-1592F	No
			3500	4"-1593BF	No
	125	289	3500	4"-1592F	No
			3500	4"-1593BF	No
	130	300	3500	4"-1592F	No
	131	303	3550	4"-1593BF	No

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Electric Driven					
Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
500 GPM	40	92	3500	4"-1591CF	No
	45	104	3500	4"-1591CF	No
	50	116	3500	4"-1591CF	No
	54	125	3500	4"-1591CF	No
	55	127	3500	4"-1591BF	No
	60	139	3500	4"-1591BF	No
	65	150	3500	4"-1591BF	No
	71	164	3500	4"-1591BF	No
	72	166	3550	4"-1593CF	No
	75	173	3550	4"-1593CF	No
	80	185	3550	4"-1593CF	No
	85	196	3550	4"-1593CF	No
	90	208	3550	4"-1593CF	No
	92	213	3550	4"-1593CF	No
	93	215	3500	4"-1593BF	No
	95	219	3500	4"-1593BF	No
	100	231	3500	4"-1593BF	No
	105	243	3500	4"-1593BF	No
	110	254	3500	4"-1593BF	No
	115	266	3500	4"-1593BF	No
	120	277	3500	4"-1593BF	No
	125	289	3500	4"-1593BF	No
	130	300	3500	4"-1593BF	No

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Electric Driven					
Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
750 GPM	54	125	1770	4"-1593F	No
	60	139	1770	4"-1593F	No
	65	150	1770	4"-1593F	No
	70	162	1770	4"-1593F	No
	75	173	1770	4"-1593F	No
	80	185	1770	4"-1593F	No
	84	194	1770	4"-1593F	No
	86	199	3550	4"-1594BF	No
	90	208	3550	4"-1594BF	No
	95	219	3550	4"-1594BF	No
	100	231	3550	4"-1594BF	No
	105	243	3550	4"-1594BF	No
	110	254	3550	4"-1594BF	No
	115	266	3550	4"-1594BF	No
	120	277	3550	4"-1594BF	No
	125	289	3550	4"-1594BF	No
	130	300	3550	4"-1594BF	No
	135	312	3550	4"-1594BF	No
	140	323	3550	4"-1594BF	No
	143	330	3550	4"-1594BF	No

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60 Hz Electric Motor Driven

Electric Driven					
Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
1000 GPM	56	129	1775	8"-1593F	No
	60	139	1775	8"-1593F	No
	65	150	1775	8"-1593F	No
	70	162	1775	8"-1593F	No
	75	173	1775	8"-1593F	No
	80	185	1775	8"-1593F	No
	84	194	1770	8"-1595F	No
	85	196	1775	8"-1593F	No
			1770	8"-1595F	No
	90	208	1775	8"-1593F	No
			1770	8"-1595F	No
	95	219	1775	8"-1593F	No
			1770	8"-1595F	No
	100	231	1775	8"-1593F	No
			1770	8"-1595F	No
	102	236	1775	8"-1593F	No
	105	243	1770	8"-1595F	No
	110	254	1770	8"-1595F	No
	115	266	1770	8"-1595F	No
	120	277	1770	8"-1595F	No
	125	289	1770	8"-1595F	No
	127	293	1770	8"-1595F	No

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Flow	Pressure		Speed (rpm)	Pump Size and Model	Single Phase Applicable
	(psi)	(TDH)			
1250 GPM	52	120	1775	8"-1593F	No
	55	127	1775	8"-1593F	No
	60	139	1775	8"-1593F	No
	65	150	1775	8"-1593F	No
	70	162	1775	8"-1593F	No
	74	171	1770	8"-1595AF	No
	75	173	1775	8"-1593F	No
			1770	8"-1595AF	No
	80	185	1775	8"-1593F	No
			1770	8"-1595F	No
			1770	8"-1595AF	No
	85	196	1775	8"-1593F	No
			1770	8"-1595F	No
			1770	8"-1595AF	No
	90	208	1775	8"-1593F	No
			1770	8"-1595F	No
			1770	8"-1595AF	No
	95	219	1775	8"-1593F	No
			1770	8"-1595F	No
			1770	8"-1595AF	No
	100	231	1775	8"-1593F	No
			1770	8"-1595F	No
			1770	8"-1595AF	No
	105	243	1770	8"-1595F	No
			1770	8"-1595AF	No
	110	254	1770	8"-1595F	No
			1770	8"-1595AF	No
	115	266	1770	8"-1595F	No
			1770	8"-1595AF	No
	120	277	1770	8"-1595F	No
			1770	8"-1595AF	No
	122	282	1770	8"-1595F	No
	125	289	1770	8"-1595AF	No
	128	296	1770	8"-1595AF	No

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	(psi)	(TDH)			
1500 GPM	48	111	1775	8"-1593F	No
	50	116	1775	8"-1593F	No
	55	127	1775	8"-1593F	No
	60	139	1775	8"-1593F	No
	65	150	1775	8"-1593F	No
	70	162	1775	8"-1593F	No
	72	166	1770	8"-1595AF	No
	75	173	1775	8"-1593F	No
			1770	8"-1595AF	No
	80	185	1775	8"-1593F	No
			1770	8"-1595AF	No
	85	196	1775	8"-1593F	No
			1770	8"-1595AF	No
	90	208	1775	8"-1593F	No
			1770	8"-1595AF	No
	95	219	1775	8"-1593F	No
			1770	8"-1595AF	No
	99	229	1775	8"-1593F	No
	100	231	1770	8"-1595AF	No
	105	243	1770	8"-1595AF	No
	110	254	1770	8"-1595AF	No
	115	266	1770	8"-1595AF	No
	120	277	1770	8"-1595AF	No
	125	289	1770	8"-1595AF	No

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