

End Suction Fire Pump
50 Hz Electric Motor Driven

Date **October 22, 2015**Supersedes Section 911.5 Page 501P
Dated March 28, 2014

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
50 GPM	98	2950	2" 1623F
	100	2950	2" 1623F
	105	2950	2" 1623F
	110	2950	2" 1623F
	115	2950	2" 1623F
	120	2950	2" 1623F
	125	2950	2" 1623F
	130	2950	2" 1623F
	135	2950	2" 1623F
	140	2950	2" 1623F
	145	2950	2" 1623F
	150	2950	2" 1623F

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

FAIRBANKS NIJHUIS® SELECTION TABLES**End Suction Fire Pump
50 Hz Electric Motor Driven**

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
100 GPM	43	2950	2-1/2" 1621F
	45	2950	2-1/2" 1621F
	50	2950	2-1/2" 1621F
	55	2950	2-1/2" 1621F
	59	2950	2-1/2" 1621F
	98	2950	2" 1623F
	100	2950	2" 1623F
	105	2950	2" 1623F
	110	2950	2" 1623F
	115	2950	2" 1623F
	120	2950	2" 1623F
	125	2950	2" 1623F
	130	2950	2" 1623F
	135	2950	2" 1623F
	140	2950	2" 1623F
	145	2950	2" 1623F
	150	2950	2" 1623F

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Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
150 GPM	42	2950	2-1/2" 1621F
	45	2950	2-1/2" 1621F
	50	2950	2-1/2" 1621F
	55	2950	2-1/2" 1621F
	59	2950	2-1/2" 1621F
	97	2950	2" 1623F
	100	2950	2" 1623F
	105	2950	2" 1623F
	110	2950	2" 1623F
	115	2950	2" 1623F
	120	2950	2" 1623F
	125	2950	2" 1623F
	130	2950	2" 1623F
	135	2950	2" 1623F
	140	2950	2" 1623F
	145	2950	2" 1623F
	150	2950	2" 1623F

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FAIRBANKS NIJHUIS® SELECTION TABLES**End Suction Fire Pump
50 Hz Electric Motor Driven**

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
200 GPM	40	2950	2-1/2" 1621F
	44	2950	4" 1621F
	45	2950	2-1/2" 1621F
		2950	4" 1621F
	50	2950	2-1/2" 1621F
		2950	4" 1621F
	55	2950	2-1/2" 1621F
		2950	4" 1621F
	58	2950	2-1/2" 1621F
	60	2950	4" 1621F
	62	2950	4" 1621F
	95	2950	2" 1623F
	100	2950	2" 1623F
	105	2950	2" 1623F
	110	2950	2" 1623F
	115	2950	2" 1623F
	120	2950	2" 1623F
		2950	3" 1624F
	125	2950	2" 1623F
		2950	3" 1624F
	130	2950	2" 1623F
		2950	3" 1624F
	135	2950	2" 1623F
		2950	3" 1624F
	140	2950	2" 1623F
		2950	3" 1624F
	145	2950	2" 1623F
		2950	3" 1624F
	149	2950	2" 1623F
	150	2950	3" 1624F
	155	2950	3" 1624F
	160	2950	3" 1624F
	165	2950	3" 1624F
	170	2950	3" 1624F
	175	2950	3" 1624F
	180	2950	3" 1624F
	185	2950	3" 1624F
	190	2950	3" 1624F
	195	2950	3" 1624F
	200	2950	3" 1624F
	205	2950	3" 1624F
	210	2950	3" 1624F
	215	2950	3" 1624F
	218	2950	3" 1624F

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Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
250 GPM	44	2950	4" 1621F
	45	2950	4" 1621F
	50	2950	4" 1621F
	55	2950	4" 1621F
	60	2950	4" 1621F
		2950	4" 1622F
	62	2950	4" 1621F
	65	2950	4" 1622F
	70	2950	4" 1622F
	75	2950	4" 1622F
	76	2950	3" 1623F
	80	2950	3" 1623F
		2950	4" 1622F
	85	2950	3" 1623F
		2950	4" 1622F
	90	2950	3" 1623F
		2950	4" 1622F
	91	2950	2" 1623F
	95	2950	2" 1623F
		2950	3" 1623F
		2950	4" 1622F
	100	2950	2" 1623F
		2950	3" 1623F
		2950	4" 1622F
	105	2950	2" 1623F
		2950	3" 1623F
		2950	4" 1622F
	110	2950	2" 1623F
		2950	3" 1623F
		2950	4" 1622F
	115	2950	2" 1623F
		2950	3" 1623F
	119	2950	3" 1624F
	120	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
250 GPM	125	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	130	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	135	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	140	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	145	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	147	2950	2" 1623F
	148	2950	3" 1623F
	150	2950	3" 1624F
	155	2950	3" 1624F
	160	2950	3" 1624F
	165	2950	3" 1624F
	170	2950	3" 1624F
	175	2950	3" 1624F
	180	2950	3" 1624F
	185	2950	3" 1624F
	190	2950	3" 1624F
	195	2950	3" 1624F
	200	2950	3" 1624F
	205	2950	3" 1624F
	210	2950	3" 1624F
	215	2950	3" 1624F
	218	2950	3" 1624F

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Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
300 GPM	44	2950	4" 1621F
	45	2950	4" 1621F
	50	2950	4" 1621F
	55	2950	4" 1621F
	60	2950	4" 1621F
		2950	4" 1622F
	61	2950	4" 1621F
	65	2950	4" 1622F
	70	2950	4" 1622F
	75	2950	3" 1623F
		2950	4" 1622F
	80	2950	3" 1623F
		2950	4" 1622F
	85	2950	3" 1623F
		2950	4" 1622F
	87	2950	2" 1623F
	90	2950	2" 1623F
		2950	3" 1623F
		2950	4" 1622F
	95	2950	2" 1623F
		2950	3" 1623F
		2950	4" 1622F
	100	2950	2" 1623F
		2950	3" 1623F
		2950	4" 1622F
	105	2950	2" 1623F
		2950	3" 1623F
		2950	4" 1622F
	110	2950	2" 1623F
		2950	3" 1623F
		2950	4" 1622F
	115	2950	2" 1623F
		2950	3" 1623F
	119	2950	3" 1624F
	120	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
300 GPM	125	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	130	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	135	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	140	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	145	2950	2" 1623F
		2950	3" 1623F
		2950	3" 1624F
	147	2950	3" 1623F
	150	2950	3" 1624F
	155	2950	3" 1624F
	160	2950	3" 1624F
	165	2950	3" 1624F
	170	2950	3" 1624F
	175	2950	3" 1624F
	180	2950	3" 1624F
	185	2950	3" 1624F
	190	2950	3" 1624F
	195	2950	3" 1624F
	200	2950	3" 1624F
	205	2950	3" 1624F
	210	2950	3" 1624F
	215	2950	3" 1624F
	218	2950	3" 1624F

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End Suction Fire Pump

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Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
400 GPM	42	2950	4" 1621F
	45	2950	4" 1621F
	50	2950	4" 1621F
	52	2950	5" 1622F
	55	2950	4" 1621F
		2950	5" 1622F
	59	2950	4" 1622F
	60	2950	4" 1621F
		2950	4" 1622F
		2950	5" 1622F
	65	2950	4" 1622F
		2950	5" 1622F
	69	2950	6" 1621F
	70	2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	72	2950	3" 1623F
	75	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	80	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	85	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	90	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	95	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	100	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
400 GPM	105	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	109	2950	4" 1622F
		2950	6" 1621F
	110	2950	3" 1623F
	115	2950	3" 1623F
	118	2950	3" 1624F
	120	2950	3" 1623F
		2950	3" 1624F
	125	2950	3" 1623F
		2950	3" 1624F
	130	2950	3" 1623F
		2950	3" 1624F
		2950	3" 1624F
	135	2950	3" 1623F
		2950	3" 1624F
	140	2950	3" 1623F
		2950	3" 1624F
	145	2950	3" 1623F
		2950	3" 1624F
	146	2950	3" 1623F
	150	2950	3" 1624F
	155	2950	3" 1624F
	160	2950	3" 1624F
	165	2950	3" 1624F
	170	2950	3" 1624F
	175	2950	3" 1624F
	180	2950	3" 1624F
	185	2950	3" 1624F
	190	2950	3" 1624F
	195	2950	3" 1624F
	200	2950	3" 1624F
	205	2950	3" 1624F
	210	2950	3" 1624F
	215	2950	3" 1624F
	216	2950	3" 1624F

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50 Hz Electric Motor Driven

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Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
450 GPM	42	2950	4" 1621F
	45	2950	4" 1621F
	50	2950	4" 1621F
	52	2950	5" 1622F
	55	2950	4" 1621F
		2950	5" 1622F
	58	2950	4" 1622F
	60	2950	4" 1621F
		2950	4" 1622F
		2950	5" 1622F
	65	2950	4" 1622F
		2950	5" 1622F
	68	2950	6" 1621F
	70	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	75	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	80	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	85	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	90	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	95	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	100	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
450 GPM	105	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	109	2950	4" 1622F
	110	2950	3" 1623F
	115	2950	3" 1623F
	117	2950	3" 1624F
	120	2950	3" 1623F
		2950	3" 1624F
	125	2950	3" 1623F
		2950	3" 1624F
	130	2950	3" 1623F
		2950	3" 1624F
	135	2950	3" 1623F
		2950	3" 1624F
	140	2950	3" 1623F
		2950	3" 1624F
	145	2950	3" 1623F
		2950	3" 1624F
	150	2950	3" 1624F
	155	2950	3" 1624F
	160	2950	3" 1624F
	165	2950	3" 1624F
	170	2950	3" 1624F
	175	2950	3" 1624F
	180	2950	3" 1624F
	185	2950	3" 1624F
	190	2950	3" 1624F
	195	2950	3" 1624F
	200	2950	3" 1624F
	205	2950	3" 1624F
	210	2950	3" 1624F
	215	2950	3" 1624F

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Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
500 GPM	41	2950	4" 1621F
	45	2950	4" 1621F
	50	2950	4" 1621F
	52	2950	5" 1622F
	55	2950	4" 1621F
		2950	5" 1622F
	57	2950	4" 1622F
	60	2950	4" 1621F
		2950	4" 1622F
		2950	5" 1622F
	65	2950	4" 1622F
		2950	5" 1622F
	68	2950	3" 1623F
		2950	6" 1621F
	70	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	75	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	80	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	85	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	90	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	95	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	100	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
500 GPM	105	2950	3" 1623F
		2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	108	2950	4" 1622F
	110	2950	3" 1623F
	115	2950	3" 1623F
		2950	3" 1624F
	120	2950	3" 1623F
		2950	3" 1624F
	125	2950	3" 1623F
		2950	3" 1624F
	130	2950	3" 1623F
		2950	3" 1624F
		2950	3" 1624F
	135	2950	3" 1623F
		2950	3" 1624F
	140	2950	3" 1623F
		2950	3" 1624F
	144	2950	3" 1623F
	145	2950	3" 1624F
	150	2950	3" 1624F
	155	2950	3" 1624F
	160	2950	3" 1624F
	165	2950	3" 1624F
	170	2950	3" 1624F
	175	2950	3" 1624F
	180	2950	3" 1624F
	185	2950	3" 1624F
	190	2950	3" 1624F
	195	2950	3" 1624F
	200	2950	3" 1624F
	205	2950	3" 1624F
	210	2950	3" 1624F
	215	2950	3" 1624F

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End Suction Fire Pump
50 Hz Electric Motor Driven

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
750 GPM	51	2950	5" 1622F
	52	2950	4" 1622F
	55	2950	4" 1622F
		2950	5" 1622F
	60	2950	4" 1622F
		2950	5" 1622F
	65	2950	4" 1622F
		2950	5" 1622F
	66	2950	6" 1621F
	70	2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	75	2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	80	2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	85	2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	90	2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	95	2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	100	2950	4" 1622F
		2950	5" 1622F
		2950	6" 1621F
	104	2950	4" 1622F
		2950	5" 1622F
	105	2950	6" 1621F
	107	2950	6" 1621F

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Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
1000 GPM	64	2950	6" 1621F
	65	2950	6" 1621F
	70	2950	6" 1621F
	75	2950	6" 1621F
	80	2950	6" 1621F
	85	2950	6" 1621F
	90	2950	6" 1621F
	95	2950	6" 1621F
	100	2950	6" 1621F
	105	2950	6" 1621F

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FAIRBANKS NIJHUIS® SELECTION TABLES**End Suction Fire Pump
50 Hz Electric Motor Driven**

Electric Driven			
Flow	Pressure (psi)	Speed (rpm)	Pump Size and Model
1250 GPM	61	2950	6" 1621F
	65	2950	6" 1621F
	70	2950	6" 1621F
	75	2950	6" 1621F
	80	2950	6" 1621F
	85	2950	6" 1621F
	90	2950	6" 1621F
	95	2950	6" 1621F
	100	2950	6" 1621F
	104	2950	6" 1621F

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