SELECTION TABLES
Vertical Inline Fire Pump
50 Hz Electric Motor Drive

Flow	Pressure (PSI)	Required Motor HP Rating			Maximum Shutoff**	Pump Size & Model
		UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)		
50 GPM	42	5*	2950	5	44	3-383-9A
	45	5*	2950	5	49	3-383-9A
	50	7.5*	2950	6	53	3-383-9A
	55	7.5*	2950	7	58	3-383-9A
	60	7.5*	2950	8	62	3-383-9A
	61	10*	2950	10	67	3-383-9B
	65	7.5*	2950	8	68	3-383-9A
	65	10*	2950	10	71	3-383-9B
	70	10*	2950	9	73	3-383-9A
	70	10*	2950	11	76	3-383-9B
	75	10*	2950	10	78	3-383-9A
	75	15	2950	12	82	3-383-9B
	80	10*	2950	10	83	3-383-9A
	80	15	2950	13	87	3-383-9B
	85	10*	2950	11	88	3-383-9A
	85	15	2950	14	92	3-383-9B
	90	15	2950	12	93	3-383-9A
	90	15	2950	14	97	3-383-9B
	95	15	2950	12	97	3-383-9A
	95	15	2950	15	103	3-383-9B
	100	15	2950	13	102	3-383-9A
	100	15	2950	16	108	3-383-9B
	105	15	2950	14	106	3-383-9A
	110	15	2950	16	111	3-383-9A
	111	15	2950	16	115	3-383-9A
100 GPM	43	7.5*	2950	7	45	3-383-9A
	45	7.5*	2950	7	49	3-383-9A
	50	7.5*	2950	8	54	3-383-9A
	55	10*	2950	9	58	3-383-9A
	58	10*	2950	11	65	3-383-9B
	60	10*	2950	10	62	3-383-9A
		10*	2950	11	67	3-383-9B
	65	10*	2950	10	67	3-383-9A
		15	2950	12	73	3-383-9B
	70	10*	2950	11	72	3-383-9A
		15	2950	13	78	3-383-9B
	75	15	2950	12	77	3-383-9A
		15	2950	14	83	3-383-9B
	80	15	2950	13	82	3-383-9A
		15	2950	15	88	3-383-9B
	85	15	2950	14	87	3-383-9A
		15	2950	16	93	3-383-9B
	90	15	2950	14	91	3-383-9A
		15	2950	17	99	3-383-9B
	95	15	2950	15	96	3-383-9A
		20	2950	18	104	3-383-9B
	98	20	2950	18	107	3-383-9B
	100	15	2950	16	102	3-383-9A
	105	20	2950	18	107	3-383-9A
	110	20	2950	19	111	3-383-9A
	112	20	2950	20	115	3-383-9A

*LIMITED SERVICE CONTROLLER
**Maximum shutoff includes Hydraulic Institute's tolerance of 6%. Value is used to determine flange rating for the pump.

SELECTION TABLES
Vertical Inline Fire Pump
50 Hz Electric Motor Drive

Flow	Pressure (PSI)	Required Motor HP Rating			Maximum Shutoff**	Pump Size & Model
		UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)		
150 GPM	41	7.5*	2950	8	46	3-383-9A
	45	7.5*	2950	9	51	3-383-9A
	50	10*	2950	10	55	3-383-9A
	55	10*	2950	11	60	3-383-9A
	56	15	2950	12	65	3-383-9B
	60	15	2950	12	64	3-383-9A
		15	2950	13	69	3-383-9B
	65	15	2950	13	70	3-383-9A
		15	2950	14	74	3-383-9B
	70	15	2950	14	76	3-383-9A
		15	2950	15	80	3-383-9B
	75	15	2950	15	80	3-383-9A
		15	2950	16	85	3-383-9B
	80	15	2950	16	85	3-383-9A
		20	2950	17	90	3-383-9B
	85	15	2950	17	91	3-383-9A
		20	2950	19	95	3-383-9B
	90	20	2950	18	96	3-383-9A
		20	2950	20	100	3-383-9B
	95	20	2950	19	101	3-383-9A
		20	2950	21	105	3-383-9B
	96	20	2950	21	106	3-383-9B
	100	20	2950	20	105	3-383-9A
	105	20	2950	22	109	3-383-9A
	110	25	2950	24	113	3-383-9A
	112	25	2950	27	115	3-383-9A
200 GPM	51	10*	2950	11	62	3-383-9
	53	15	2950	13	64	3-383-9B
	55	10*	2950	12	64	3-383-9
		15	2950	14	66	3-383-9B
	60	15	2950	13	70	3-383-9
		15	2950	15	72	3-383-9B
	65	15	2950	15	75	3-383-9
		15	2950	16	77	3-383-9B
	70	15	2950	17	80	3-383-9
		20	2950	17	82	3-383-9B
	75	20	2950	19	84	3-383-9
		20	2950	19	87	3-383-9B
	80	20	2950	20	88	3-383-9
		20	2950	20	92	3-383-9B
	85	20	2950	21	93	3-383-9
		20	2950	21	97	3-383-9B
	90	20	2950	23	96	3-383-9
		20	2950	22	102	3-383-9B
	95	25	2950	25	100	3-383-9
		25	2950	24	107	3-383-9B
	97	25	2950	27	104	3-383-9

*LIMITED SERVICE CONTROLLER
**Maximum shutoff includes Hydraulic Institute's tolerance of 6%. Value is used to determine flange rating for the pump.

SELECTION TABLES
Vertical Inline Fire Pump
50 Hz Electric Motor Drive

Flow	Pressure (PSI)	Required Motor HP Rating			Maximum Shutoff**	Pump Size & Model
		UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)		
2500 GPM	49	15	2950	13	62	3-383-9B
	50	15	2950	14	64	3-383-9B
	55	15	2950	15	69	3-383-9B
	60	15	2950	17	74	3-383-9B
	65	20	2950	18	79	3-383-9B
	67	20	2950	21	76	4-383-9
	70	20	2950	22	79	4-383-9
		20	2950	20	84	3-383-9B
	75	25	2950	26	83	4-383-9
		20	2950	21	89	3-383-9B
	80	30	2950	29	88	4-383-9
		20	2950	22	94	3-383-9B
	85	30	2950	32	94	4-383-9
		25	2950	24	99	3-383-9B
	90	40	2950	36	99	4-383-9
		25	2950	25	104	3-383-9B
	92	25	2950	26	106	3-383-9B
	95	40	2950	38	105	4-383-9
	99	40	2950	41	110	4-383-9
3000	64	20	2950	22	71	4-383-9
	70	25	2950	25	78	4-383-9
	75	25	2950	28	83	4-383-9
	80	30	2950	32	87	4-383-9
	85	30	2950	34	92	4-383-9
	90	40	2950	39	96	4-383-9
	95	40	2950	41	102	4-383-9
	97	40	2950	43	105	4-383-9
4000 GPM	63	30	2950	31	73	4-383-10
	65	30	2950	34	76	4-383-10
	70	40	2950	36	79	4-383-10
	75	40	2950	37	83	4-383-10
	80	40	2950	44	87	4-383-10
	85	50	2950	48	91	4-383-10
	90	50	2950	53	96	4-383-10
	95	50	2950	57	100	4-383-10
	100	60	2950	65	106	4-383-10
	105	60	2950	69	110	4-383-10
	110	75	2950	74	115	4-383-10
	116	75	2950	78	122	4-383-10

*LIMITED SERVICE CONTROLLER
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Value is used to determine flange rating for the pump.

SELECTION TABLES
Vertical Inline Fire Pump
50 Hz Electric Motor Drive

Flow	Pressure (PSI)	Required Motor HP Rating			Maximum Shutoff**	Pump Size & Model
		UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)		
450 GPM	62	30	2950	33	74	4-383-10
	65	40	2950	35	76	4-383-10
	70	40	2950	39	79	4-383-10
	75	40	2950	42	84	4-383-10
	80	40	2950	45	87	4-383-10
	85	50	2950	51	91	4-383-10
	90	50	2950	55	96	4-383-10
	95	60	2950	59	102	4-383-10
	100	60	2950	65	107	4-383-10
	105	75	2950	70	111	4-383-10
	110	75	2950	77	116	4-383-10
	115	75	2950	83	122	4-383-10
500 GPM	59	30	2950	33	74	4-383-10
	65	40	2950	36	79	4-383-10
	70	40	2950	39	81	4-383-10
	75	40	2950	45	85	4-383-10
	80	50	2950	49	90	4-383-10
	85	50	2950	53	96	4-383-10
	90	50	2950	56	100	4-383-10
	95	60	2950	60	104	4-383-10
	100	60	2950	68	109	4-383-10
	105	75	2950	72	114	4-383-10
	110	75	2950	80	118	4-383-10
	113	75	2950	85	122	4-383-10
750	62	50	1480	56	76	8-383-18
	65	60	1480	59	78	8-383-18
	70	60	1480	65	84	8-383-18
	75	75	1480	70	89	8-383-18
	80	75	1480	75	95	8-383-18
	85	75	1480	80	101	8-383-18
	88	75	1480	83	104	8-383-18

*LIMITED SERVICE CONTROLLER
**Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

SELECTION TABLES
Vertical Inline Fire Pump
50 Hz Electric Motor Drive

Flow		Required Motor HP Rating			Maximum Shutoff**	Pump Size & Model
	Pressure (PSI)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)		
1000 GPM	58	60	1480	61	75	8-383-18
	59	60	1480	64	73	8-383-18A
	60	60	1480	64	77	8-383-18
		60	1480	65	74	8-383-18A
	65	75	1480	71	82	8-383-18
		75	1480	73	80	8-383-18A
	70	75	1480	77	87	8-383-18
		75	1480	82	85	8-383-18A
	75	75	1480	83	93	8-383-18
		100	1480	90	91	8-383-18A
	80	100	1480	88	99	8-383-18
		100	1480	95	96	8-383-18A
	85	100	1480	94	105	8-383-18
		100	1480	99	102	8-383-18A
	88	100	1480	101	105	8-383-18A
1250	55	60	1480	67	71	8-383-18A
	60	75	1480	76	78	8-383-18A
	65	75	1480	85	83	8-383-18A
	70	100	1480	94	89	8-383-18A
	75	100	1480	102	94	8-383-18A
	80	100	1480	106	100	8-383-18A
	85	100	1480	111	105	8-383-18A

*LIMITED SERVICE CONTROLLER
**Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.