
FIRE PUMP SELECTION CHARTS

Vertical In-Line 60 Hertz

FIRE PUMP SELECTION CHART

VERTICAL IN-LINE – 60 Hz

50 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	93	2x1 1/2 LA-F			✓	7.5	3565	184JP
46	107				✓			
47	108		✓	✓	✓			
50	116		✓	✓	✓			
55	127		✓	✓	✓			
60	139		✓	✓	✓			
65	150		✓	✓	✓			
70	162		✓	✓	✓			
75	173		✓	✓	✓	10		213JP
80	185		✓	✓	✓			
85	196		✓	✓	✓			
90	208		✓	✓	✓			
95	219		✓	✓	✓	15		215JP
100	231		✓	✓	✓			
105	243		✓	✓	✓			
110	254		✓	✓	✓			
115	266		✓	✓	✓			
120	277		✓	✓	✓			
125	289		✓	✓	✓	20		254JP
130	300		✓	✓	✓			
135	312		✓	✓	✓			
140	324		✓	✓		25		256JP
145	335		✓	✓				
148	342		✓	✓				

75 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	2x1 1/2 LA-F			✓	7.5	3565	184JP
45	104		✓	✓	✓			
50	116		✓	✓	✓			
55	127		✓	✓	✓			
60	139		✓	✓	✓			
65	150		✓	✓	✓	10		213JP
70	162		✓	✓	✓			
75	173		✓	✓	✓			
80	185		✓	✓	✓			
85	196		✓	✓	✓			
90	208		✓	✓	✓	15		215JP
95	219		✓	✓	✓			
100	231		✓	✓	✓			
105	243		✓	✓	✓			
110	254		✓	✓	✓			
115	266		✓	✓	✓	20		254JP
120	277		✓	✓	✓			
125	289		✓	✓	✓			
130	300		✓	✓	✓			
135	312		✓	✓		25		256JP
140	324		✓	✓				
145	335		✓	✓				
147	340			✓		30		284JP

FIRE PUMP SELECTION CHART

VERTICAL IN-LINE – 60 Hz

100 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	2x1 1/2 LA-F	√	√	√	7.5	3565	184JP
45	104		√	√	√			
50	116		√	√	√			
55	127		√	√	√	10		213JP
60	139		√	√	√			
65	150		√	√	√			
70	162		√	√	√			
75	173		√	√	√			
80	185		√	√	√	15		215JP
85	196		√	√	√			
90	208		√	√	√			
95	219		√	√	√			
100	231		√	√	√			
105	243		√	√	√	20		254JP
110	254		√	√	√			
115	266		√	√	√			
120	277		√	√	√			
125	289		√	√		25		256JP
130	300		√	√				
135	312		√	√				
140	324			√		30		284JP

150 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	3x2 LA-F	√	√		7.5	3550	184JP
45	104		√	√		10		213JP
50	116		√	√				
55	127		√	√		15		215JP
60	139		√	√				
65	150		√	√				
70	162		√	√				
75	173		√	√				
80	185		√	√		20		254JP
85	196		√	√				
90	208		√	√				
95	219		√	√				
100	231		√	√		25		256JP
105	243		√	√				
110	254		√	√				
115	266		√	√				
120	277		√	√		30		284JP
125	289		√	√				
127	294			√				

FIRE PUMP SELECTION CHART

VERTICAL IN-LINE – 60 Hz

200 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	4X3 LA-F	✓		✓	15	3570	215JP
45	104		✓	✓	✓			
50	116		✓	✓	✓			
55	127		✓	✓	✓			
60	139		✓	✓	✓	20		254JP
65	150		✓	✓	✓			
70	162		✓	✓	✓			
75	173		✓	✓	✓			
80	185		✓	✓	✓	25		256JP
85	196		✓	✓	✓			
90	208		✓	✓	✓			
95	219		✓	✓	✓	30		284JP
100	231		✓	✓	✓			
105	243		✓	✓	✓			
110	254		✓	✓	✓	40		286JP
115	266		✓	✓	✓			
120	277	✓	✓	✓				
125	289	✓	✓					

250 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	4X3 LA-F	√	√	√	15	3570	215JP
45	104		√	√	√			
50	116		√	√	√			
55	127		√	√	√	20		254JP
60	139		√	√	√			
65	150		√	√	√			
70	162		√	√	√			
75	173		√	√	√	25		256JP
80	185		√	√	√			
85	196		√	√	√			
90	208		√	√	√	30		284JP
95	219		√	√	√			
100	231		√	√	√			
105	243		√	√	√	40		286JP
110	254		√	√	√			
115	266		√	√	√			
120	277		√	√	√			
123	285		√	√				

FIRE PUMP SELECTION CHART

VERTICAL IN-LINE – 60 Hz

300 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	4X3 LA-F			✓	15	3570	215JP
45	104		✓	✓	✓			
50	116		✓	✓	✓	20		254JP
55	127		✓	✓	✓			
60	139		✓	✓	✓			
65	150		✓	✓	✓	25		256JP
70	162		✓	✓	✓			
75	173		✓	✓	✓			
80	185		✓	✓	✓	30		284JP
85	196		✓	✓	✓			
90	208		✓	✓	✓			
95	219		✓	✓	✓	40		286JP
100	231		✓	✓	✓			
105	243		✓	✓	✓			
110	254		✓	✓	✓			
115	266		✓	✓	✓			
120	277		✓	✓	✓	50		324JP

400 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	6X4 LA-F			✓	20	3550	254JP
45	104		✓	✓	✓			
50	116		✓	✓	✓	25		256JP
55	127		✓	✓	✓			
60	139		✓	✓	✓			
65	150		✓	✓	✓	30		284JP
70	162		✓	✓	✓			
75	173		✓	✓	✓	40		286JP
80	185		✓	✓	✓			
85	196		✓	✓	✓			
90	208		✓	✓	✓			
95	219		✓	✓	✓			
100	231		✓	✓	✓	50		324JP
105	243		✓	✓	✓			
110	254		✓	✓	✓			
115	266		✓	✓	✓			
120	277		✓	✓	✓	60		326JP
125	289		✓	✓	✓			
130	300		✓	✓	✓			
133	307		✓	✓	✓			

FIRE PUMP SELECTION CHART

VERTICAL IN-LINE – 60 Hz

450 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	6X4 LA-F			√	20	3550	254JP
43	99		√	√	√	25		256JP
45	104		√	√	√			
50	116		√	√	√			
55	127		√	√	√			
60	139		√	√	√	30		284JP
65	150		√	√	√	40		286JP
70	162		√	√	√			
75	173		√	√	√			
80	185		√	√	√			
85	196		√	√	√			
90	208		√	√	√			
95	219		√	√	√	50		324JP
100	231		√	√	√			
105	243		√	√	√			
110	254		√	√	√			
115	266	√	√	√	60	326JP		
120	277	√	√	√				
125	289	√	√	√				
130	300	√	√	√	75	364JP		
132	304	√	√	√				

500 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	6X4 LA-F	✓	✓	✓	25	3550	256JP
45	104		✓	✓	✓			
50	116		✓	✓	✓			
55	127		✓	✓	✓	30		284JP
60	139		✓	✓	✓			
65	150		✓	✓	✓			
70	162		✓	✓	✓	40		286JP
75	173		✓	✓	✓			
80	185		✓	✓	✓			
85	196		✓	✓	✓			
90	208		✓	✓	✓	50		324JP
95	219		✓	✓	✓			
100	231		✓	✓	✓			
105	243		✓	✓	✓			
110	254		✓	✓	✓	60		326JP
115	266		✓	✓	✓			
120	277		✓	✓	✓			
125	289		✓	✓	✓	75		364JP
130	300	✓	✓	✓				
131	302		✓	✓				

FIRE PUMP SELECTION CHART

VERTICAL IN-LINE – 60 Hz

750 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	6 x 5 LY-F	✓	✓	✓	30	1780	284JP
45	104		✓	✓	✓			
50	116		✓	✓	✓	40		286JP
55	127		✓	✓	✓			
60	139		✓	✓	✓			
65	150	6 x 4 LB-F	✓	✓	✓	50	3560	324JP
70	162		✓	✓	✓			
80	185		✓	✓	✓	60		326JP
85	196		✓	✓	✓			
90	208		✓	✓	✓			
95	219		✓	✓	✓			
100	231		✓	✓	✓	75		364JP
105	243		✓	✓	✓			
110	254		✓	✓	✓			
115	266		✓	✓	✓			

1000 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
40	92	8x8x13	✓	✓	✓	40	1775	324TC
45	104		✓	✓	✓			
50	116		✓	✓	✓	50		326TC
55	127		✓	✓	✓			
60	139		✓	✓	✓	60		364TC
65	150	8x8x15FM	✓	✓	✓		1780	
73	169		✓	✓	✓	75		365TC
75	173		✓	✓	✓			
80	185	8x8x16FM	✓	✓	✓	75		365TC
85	196		✓	✓	✓			
90	208	8x8x15FM	✓	✓	✓	100		404TC
95	219		✓	✓	✓			
100	231		✓	✓	✓			
106	245		✓	✓	✓	125		405TC

FIRE PUMP SELECTION CHART

VERTICAL IN-LINE – 60 Hz

1250 GPM

HEAD		PUMP SIZE	LISTING			MOTOR		
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME
70	162	8x8x15FM	√	√		75	1780	365TC
71	164		√	√	√			
75	173		√	√	√	100		404TC
80	185		√	√	√			
85	196		√	√	√			
90	208		√	√	√			
95	219	8x8x16FM	√	√	√	100		404TC
100	231	8x8x15FM	√	√	√	125		405TC
104	240		√	√	√			

1500 GPM

HEAD		PUMP SIZE	LISTING			MOTOR				
PSI	FT		ULC	UL	FM	HP	RPM	ODP FRAME		
67	155	8x8x15FM	√	√	√	100	1780	404TC		
70	162		√	√	√					
75	173		√	√	√					
80	185		√	√	√					
85	196	8x8x16FM	√	√	√	100		1780	404TC	
90	208		√	√	√					
95	219	8x8x15FM	√	√	√	125			1780	405TC
100	231		√	√	√					
102	236				√					

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