

January, 06

Supersedes all previous issues

35 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
1.5x1.5x7F 1580 Series 3550 RPM"	195	5	3.7	40	x	
			3.9	45	x	
			4.1	50	x	
			4.4	55	x	
			5.1	60	x	
	5.7	65	x			
	195	7.5	6.4	70	x	

50 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
1.5x1.5x7F 1580 Series 3550 RPM"	195	5	4.9	40	x	
			5.2	45	x	
			5.6	50	x	
	195	7.5	5.8	55	x	
			6.1	60	x	
			6.4	65	x	
6.6	70	x				
2.5x2.5x9.5F 1580 Series 3550 RPM"	365	25	24.4	90	x	
			25.2	95	x	
			26.3	100	x	
	400	30	28.8	105	x	
			30.2	110	x	
			32.2	115	x	
	490	40	34.5	120	x	
			37	125	x	
			39	130	x	
	570	50	41	135	x	
			42.9	140	x	
			44.7	145	x	
	46.5	150	x			
	47.7	155	x			
	49.7	160	x			



75 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
1.5x1.5x7F 1580 Series 3550 RPM"	195	7.5	6.5	50	x	
			7.1	55	x	
			7.5	60	x	
			7.7	65	x	

100 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM	
2.5x2.5x7F 1580 Series 3550 RPM"	225	7.5	6.5	40	x		
			7.1	45	x		
			7.8	50	x		
			8.6	55	x		
	260	10	9.8	60	x		
			10.9	65	x		
	290	15	12.1	70	x		
			13.6	75	x		
			14.7	80	x		
			15.8	85	x		
	2.5x2.5x9.5F 1580 Series 3550 RPM"	365	25	24.6	90	x	
				25.7	95	x	
26.9				100	x		
28.5				105	x		
400		30	31.2	110	x		
			33.3	115	x		
490		40	35.4	120	x		
			37.6	125	x		
			39.7	130	x		
			41.8	135	x		
570		50	43.7	140	x		
			45.6	145	x		
			47.5	150	x		
			48.7	155	x		
				50.7	160	x	

January, 06

Supersedes all previous issues

150 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
2.5x2.5x7F 1580 Series 3550 RPM"	225	7.5	6.9	40	x	
			8	45	x	
	260	10	8.8	50	x	
			9.7	55	x	
			10.8	60	x	
	290	15	12	65	x	
			13	70	x	
			14.6	75	x	
			15.9	80	x	
			17.2	85	x	
2.5x2.5x9.5F 1580 Series 3550 RPM"	365	25	25.2	90	x	
			26.1	95	x	
	400	30	28.7	100	x	
			29.8	105	x	
			31.9	110	x	
			33.2	115	x	
			34.5	120	x	
	490	40	38.3	125	x	
			40.4	130	x	
			41.8	135	x	
			43.7	140	x	
			45.6	145	x	
	570	50	47.5	150	x	
			49.4	155	x	
			50.7	160	x	
52.1			165	x		



200 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
3x3x7F 1580 Series 3550 RPM"	310	10	8.7	40	x	
			10.1	45	x	
			11.5	50	x	
	340	15	13.8	55	x	
			15.4	60	x	
			17.1	65	x	
	340	20	18.7	70	x	
			20.6	75	x	
			22.6	80	x	
	395	25	24.4	85	x	
2.5x2.5x9.5F 1580 Series 3550 RPM"	365	25	24.6	90	x	
			26.5	95	x	
	400	30	28.8	100	x	
			29.6	105	x	
			31.2	110	x	
			32.5	115	x	
			34.5	120	x	
	490	40	36.5	125	x	
			38.4	130	x	
			40.3	135	x	
			42.6	140	x	
			44.8	145	x	
	570	50	46.9	150	x	
			47.2	155	x	
			50.5	160	x	

January, 06

Supersedes all previous issues

250 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
3x3x7F 1580 Series 3550 RPM"	310	10	8.7	40	x	
	340	15	12	45	x	
			13	50	x	
			13.2	55	x	
			15.3	60	x	
	340	20	18.4	65	x	
			19	70	x	
			19.9	75	x	
			21.9	80	x	
	395	25	23.5	85	x	
2.5x2.5x9.5F 1580 Series 3550 RPM"	365	25	28.9	90	x	
	400	30	29.8	95	x	
			31.2	100	x	
			33.3	105	x	
			34.7	110	x	
	490	40	36.9	115	x	
			38.3	120	x	
			40.4	125	x	
			42.4	130	x	
			44.3	135	x	
			45.6	140	x	
	570	50	47.8	145	x	
			48.5	150	x	
50			155	x		
51.4			160	x		



300 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
3x3x7F 1580 Series 3550 RPM"	340	15	12	40	x	
			12.5	45	x	
			13.4	50	x	
			15	55	x	
	340	20	18	60	x	
			18.3	65	x	
			20.1	70	x	
			22.1	75	x	
	395	25	23.8	80	x	
	3x3x9.5F 1580 Series 3550 RPM"	540	30	34.4	85	x
540				40	25.4	90
37.5		95	x			
39.3		100	x			
42.8		105	x			
44.2		110	x			
620		50	46.2	115	x	
			48.9	120	x	
			50.7	125	x	
			53.3	130	x	
680		60	58.1	135	x	
			59.8	140	x	
			62	145	x	
			65.1	150	x	
	68.2		155	x		
	69		160	x		



January, 06

Supersedes all previous issues

300 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM	
4x4x7F 1580 Series 3550 RPM"	490	15	16.2	40	x	x	
	510	20	18	45	x	x	
			20.2	50	x	x	
			22.7	55	x	x	
	545	25	25.4	60	x	x	
27.9			65	x	x		
395			25	27.9	70	x	x
				30.3	75	x	x
540	30	32.7	80	x	x		
		540	40	35	85	x	x
				37.5	90	x	x
				41.2	95	x	x
				44.1	100	x	x
620	50	46.5	105	x	x		
		48.9	110	x	x		
		51.3	115	x	x		
		53.9	120	x	x		
		56.8	125	x	x		
680	60	59.8	130	x	x		
		62.3	135	x	x		
		65.8	140	x	x		
		67.7	144	x	x		

300 GPM – 50 Hz

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
4x4x7F 1580 Series 2950 RPM*	340	15	14.5	40	x	x
			16.7	45	x	x
4x4x9.5F 1580 Series 2950 RPM*	360	20	19.2	50	x	x
			420	25	20.9	55
	23.3	60			x	x
	25.6	65			x	x
	450	30	27.9	70	x	x
			30.3	75	x	x
			30.7	80	x	x
			32.9	85	x	x
	540	40	35.2	90	x	x
			37.1	95	x	x

400 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM		
4x4x7F 1580 Series 3550 RPM"	510	20	17.4	40	x	x		
			19.7	45	x	x		
			21.9	50	x	x		
	545	25	24	55	x	x		
			26.2	60	x	x		
	545	30	28.7	65	x	x		
31.6			70	x	x			
4x4x9.5F 1580 Series 3550 RPM"	395	25	27.4	65	x	x		
	540	30	29.8	70	x	x		
			32.3	75	x	x		
			540	40	34.6	80	x	x
					37	85	x	x
	620	50	40.6	90	x	x		
			43.4	95	x	x		
			46	100	x	x		
			48.2	105	x	x		
	680	60	50.6	110	x	x		
			53.3	115	x	x		
			56.7	120	x	x		
			59.1	125	x	x		
	6x6x11F-L 1580 Series 3550 RPM"	790	50	62.2	130	x	x	
				64.6	135	x	x	
67.7				140	x	x		
48				78	x	x		
850		60	50	80	x	x		
			54	85	x	x		
			57	90	x	x		
			61	95	x	x		
			64	100	x	x		
972		75	66	105	x	x		
			69	110	x	x		
			72	115	x	x		
			75	120	x	x		
			78	125	x	x		
			81	130	x	x		
			84	135	x	x		
994		100	87	140	x	x		
			90	145	x	x		
			94	150	x	x		
			97	155	x	x		
			101	160	x	x		
	105		165	x	x			
	109		170	x	x			
1140	125	113	175	x	x			
		116	180	x	x			
		119	184	x	x			

January, 06

Supersedes all previous issues

400 GPM – 50 Hz

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM		
4x4x7F 1580 Series 2950 RPM*	340	15	15.6	40	x	x		
	360	20	18	45	x	x		
			20.7	50	x	x		
4x4x9.5F 1580 Series 2950 RPM*	360	20	22.4	55	x	x		
			24.9	60	x	x		
	450	30	27.4	65	x	x		
			29.8	70	x	x		
			32.3	75	x	x		
	540	40	32.4	80	x	x		
			34.7	85	x	x		
			37	90	x	x		
			38.7	95	x	x		
	6x6x9.5F-L 1580 Series 2960 RPM*	510	20	21	45	x	x	
545		25	24	50	x	x		
			27	55	x	x		
670		40	580	30	31	60	x	x
			670	35	65	x	x	
				39	70	x	x	
750		50	43	75	x	x		
			48	80	x	x		
			53	85	x	x		
810		60	58	90	x	x		
	63		95	x	x			
	64		96	x	x			
	620		30	29	54	x	x	
				29	55	x	x	
				33	60	x	x	
710	40	36	65	x	x			
		38	70	x	x			
		41	75	x	x			
		43	80	x	x			
		45	85	x	x			
		790	50	48	90	x	x	
51	95			x	x			
53	100			x	x			
56	105			x	x			
850	60	59	110	x	x			
		62	115	x	x			
		65	120	x	x			
		68	125	x	x			

450 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
4x4x7F 1580 Series 3550 RPM"	510	20	18.2	40	x	x
			20.3	45	x	x
	545	25	23.1	50	x	x
			24.9	55	x	x
4x4x9.5F 1580 Series 3550 RPM"	395	25	28.3	65	x	x
			540	30	30.7	70
	540	40			33.1	75
			35.5	80	x	x
			38	85	x	x
			42.1	90	x	x
	620	50	44.7	95	x	x
			47	100	x	x
			49.4	105	x	x
			53.8	110	x	x
	680	60	54.6	115	x	x
			57.5	120	x	x
			60.6	125	x	x
			63.7	130	x	x
			66.1	135	x	x
			67.7	137	x	x

450 GPM – 50 Hz

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
4x4x7F 1580 Series 2950 RPM*	340	15	16.1	40	x	x
			360	20	18.6	45
						21.4
4x4x9.5F 1580 Series 2950 RPM*	545	25	27.6	65	x	x
			450	30	29.6	70
	31.5	75			x	x
	33.8	80			x	x
	540	40	36.1	85	x	x
			38.1	90	x	x

January, 06

Supersedes all previous issues

500 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
4x4x7F 1580 Series 3550 RPM"	510	20	19.9	40	x	x
			21.3	45	x	x
	545	25	23.2	50	x	x
			25.5	55	x	x
			28.1	60	x	x
	545	30	31	65	x	x
34.2			70	x	x	
4x4x9.5F 1580 Series 3550 RPM"	540	30	34.3	75	x	x
	540	40	37.8	80	x	x
			40.9	85	x	x
			43.7	90	x	x
	620	50	46.3	95	x	x
			48.8	100	x	x
			51.3	105	x	x
			53.8	110	x	x
	680	60	56.5	115	x	x
			59.3	120	x	x
			62.2	125	x	x
			65.2	130	x	x
6x6x11F-L 1580 Series 3550 RPM"	994	100	67.7	134	x	x
			87	135	x	x
			90	140	x	x
			94	145	x	x
			97	150	x	x
			101	155	x	x
			105	160	x	x
	109	165	x	x		
1140	125	113	170	x	x	
		117	175	x	x	
			121	180	x	x

500 GPM – 50 Hz

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
4x4x7F 1580 Series 2950 RPM*	340	15	16.9	40	x	x
	360	20	19.1	45	x	x
			21.5	49	x	x
4x4x9.5F 1580 Series 2950 RPM*	540	40	35.8	81	x	x
			37.3	85	x	x
			38.7	88	x	x
6x6x9.5F-L 1580 Series 2960 RPM*	510	20	21	42	x	x
			22	45	x	x
	545	25	25	50	x	x
			580	30	29	55
	670	40			32	60
			36	65	x	x
			41	70	x	x
	750	50	45	75	x	x
			50	80	x	x
			55	85	x	x
	810	60	60	90	x	x
			64	94	x	x
6x6x11F-L 1580 Series 2960 RPM*	620	30	28	51	x	x
			31	55	x	x
			34	60	x	x
	710	40	37	65	x	x
			40	70	x	x
			42	75	x	x
			45	80	x	x
	790	50	47	85	x	x
			50	90	x	x
			53	95	x	x
			56	100	x	x
	850	60	59	105	x	x
62			110	x	x	
65			115	x	x	
69			120	x	x	
970	75	70	122	x	x	



January, 06

Supersedes all previous issues

750 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM	
6x6x11F-L 1580 Series 1780 RPM*	620	25	27	40	x		
	710	30	32	45	x		
	790	40	37	50	x		
			41	54	x		
6x6x9.5F-L 1580 Series 3550 RPM"	670	40	36	54	x	x	
			37	55	x	x	
			40	60	x	x	
			43	65	x	x	
	750	50	47	70	x	x	
			51	75	x	x	
			55	80	x	x	
	810	60	60	85	x	x	
			64	90	x	x	
			69	95	x	x	
	932	75	74	100	x	x	
			79	105	x	x	
			84	110	x	x	
	954	100	90	115	x	x	
			96	120	x	x	
			101	125	x	x	
			107	130	x	x	
			108	131	x	x	
	6x6x11F-L 1580 Series 3550 RPM"	790	50	48	66	x	x
				51	70	x	x
55				75	x	x	
850		60	58	80	x	x	
			62	85	x	x	
			65	90	x	x	
			68	95	x	x	
972		75	72	100	x	x	
			75	105	x	x	
			78	110	x	x	
			82	115	x	x	
994		100	85	120	x	x	
			89	125	x	x	
			93	130	x	x	
			97	135	x	x	
			102	140	x	x	
1140		125	106	145	x	x	
			110	150	x	x	
			115	155	x	x	
			119	160	x	x	
	123		165	x	x		
			125	167	x	x	

750 GPM – 50 Hz

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
8x8x9.5F 1580 Series 2960 RPM*	604	30	31	40	x	x
			34	45	x	x
	694	40	39	50	x	x
			45	55	x	x
6x6x9.5F-L 1580 Series 2960 RPM*	670	40	37	59	x	x
			38	60	x	x
			42	65	x	x
			46	70	x	x
	750	50	51	75	x	x
			55	80	x	x
	810	60	59	85	x	x
			64	90	x	x

1000 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
8x8x9.5F 1580 Series 3550 RPM"	774	50	48	50	x	x
			53	55	x	x
	834	60	60	60	x	x
			63	65	x	x
	956	75	69	70	x	x
			75	75	x	x
			82	80	x	x
	987	100	86	85	x	x
			91	90	x	x
			95	95	x	x
			100	100	x	x
			106	105	x	x
	1124	125	111	110	x	x
			117	115	x	x
			130	120	x	x

January, 06

Supersedes all previous issues

1000 GPM – 50 Hz

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
8x8x9.5F 1580 Series 2960 RPM*	604	30	34	40	x	x
			38	45	x	x
	694	40	44	50	x	x
			49	55	x	x
			53	60	x	x
	774	50	57	65	x	x
			62	70	x	x
	834	60	67	75	x	x
			74	79	x	x
	956	75	74	79	x	x

1250 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
8x8x13.5F 1580 Series 1775 RPM*	904	100	90	69	x	x
			92.1	70	x	x
			103	75	x	x
			112	80	x	x
			114	83	x	x
8x8x18F 1580 Series 1775 RPM*	1010	100	97.8	84	x	x
			98.8	85	x	x
			1.05	90	x	x
			113	95	x	x
	1010	125	122	100	x	x
			128	105	x	x
			138	110	x	x
	1253	150	149	115	x	x
			156	120	x	x
			163	125	x	x
			172	130	x	x
	172	150	172	131	x	x

1250 GPM – 50 Hz

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
8x8x13.5F 1580 Series 1450 RPM*	676	50	52.4	44	x	x
			55.2	45	x	x
	752	60	59.1	50	x	x
			61.2	53	x	x
8x8x18F 1580 Series 1775 RPM*	895	60	59.1	54	x	x
			60.4	55	x	x
			63.5	60	x	x
			68.5	65	x	x
	985	75	76.1	70	x	x
			82.4	75	x	x
	1062	100	92	80	x	x
			96.2	85	x	x
			96.2	86	x	x

1500 GPM

SIZE AND RPM	APPROX. WEIGHT WITHOUT CONTROL	O.D.P. MOTOR HP	MAX BHP	RATED PRESS. (PSI)	UL	FM
8x8x13.5F 1580 Series 1775 RPM*	904	100	95.2	66	x	x
			97.1	70	x	x
			106	75	x	x
			114	80	x	x
8x8x18F 1580 Series 1775 RPM*	1010	100	108	81	x	x
			110	85	x	x
			114	90	x	x
	1010	125	122	95	x	x
			132	100	x	x
			139	105	x	x
	1253	150	149	110	x	x
			158	115	x	x
			164	120	x	x
			172	124	x	x