

MS Series

Stainless Steel

ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STGS.	PH [†]	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		CONTROL BOX	
						CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*
10**	2 WIRE	1/2	8	1	115	B10P4MS05121	23	28	L10P4CMGS	13	9	P42B0005A1	19		
		1/2	8	1	230	B10P4MS05221	23	28	L10P4CMGS	13	9	P42B0005A2	19		
		3/4	11	1	230	B10P4MS07221	26	31	L10P4DMGS	15	10	P42B0007A2	23		
		1	13	1	230	B10P4MS10221	29	35	L10P4EMGS	17	11	P42B0010A2	25		
		1-1/2	17	1	230	B10P4MS15221	35	42	L10P4FMGS	20	12	P42B0015A2	29		
	3 WIRE	1/2	7	1	115	B10P4MS05131	22-3/4	27-1/2	L10P4CMGS	12-3/4	9	P43B0005A1	19	SMC-IR0511	4
		1/2	8	1	230	B10P4MS05231	23	28	L10P4CMGS	13	9	P43B0005A2	19	SMC-CR0521	4
		3/4	11	1	230	B10P4MS07231	26	31	L10P4DMGS	15	10	P43B0007A2	21	SMC-CR0721	4
		1	13	1	230	B10P4MS10231	29	35	L10P4EMGS	17	11	P43B0010A2	23	SMC-CR1021	4
		1-1/2	17	1	230	B10P4MS15231	34	42	L10P4FMGS	20	12	P43B0015A2	27	SMC-CR1521	7
		1-1/2	17	3	230				L10P4FMGS	19-3/4	12-1/2	P43B0015A3	23		
		1-1/2	17	3	460				L10P4FMGS	19-3/4	12-1/2	P43B0015A4	23		
		2	22	1	230				L10P4GMGS	22	13-3/4	P43B0020A2	31	SMC-CR2021	7
		2	22	3	230				L10P4GMGS	22	13-3/4	P43B0020A3	23		
		2	22	3	460				L10P4GMGS	22	13-3/4	P43B0020A4	23		
		3	30	1	230				L10P4HMGS	22	16-3/4	P43B0030A2	40	SMC-CR3021	8
		3	30	3	230				L10P4HMGS	28	16-3/4	P43B0030A3	32		
		3	30	3	460				L10P4HMGS	28	16-3/4	P43B0030A4	32		
		5	50	1	230				L10P4JMGS	43-1/2	25-1/2	P43B0050A2	70	SMC-CR5021	12
		5	50	3	230				L10P4JMGS	43-1/2	25-1/2	P43B0050A3	55		
5	50	3	460				L10P4JMGS	43-1/2	25-1/2	P43B0050A4	55				
15**	2 WIRE	1/2	6	1	115	B15P4MS05121	23	27	L15P4CMGS	13	9	P42B0005A1	19		
		1/2	6	1	230	B15P4MS05221	23	27	L15P4CMGS	13	9	P42B0005A2	19		
		3/4	8	1	230	B15P4MS07221	26	31	L15P4DMGS	15	10	P42B0007A2	23		
		1	10	1	230	B15P4MS10221	30	35	L15P4EMGS	17	11	P42B0010A2	25		
		1-1/2	12	1	230	B15P4MS15221	36	43	L15P4FMGS	21	13	P42B0015A2	29		
	3 WIRE	1/2	5	1	115	B15P4MS05131	22-1/4	27	L15P4CMGS	12-1/4	9	P43B0005A1	19	SMC-IR0511	4
		1/2	6	1	230	B15P4MS05231	23	27	L15P4CMGS	13	9	P43B0005A2	19	SMC-CR0521	4
		3/4	8	1	230	B15P4MS07231	26	31	L15P4DMGS	15	10	P43B0007A2	23	SMC-CR0721	4
		1	10	1	230	B15P4MS10231	30	35	L15P4EMGS	17	11	P43B0010A2	25	SMC-CR1021	4
		1-1/2	12	1	230	B15P4MS15231	34	41	L15P4FMGS	21	13	P43B0015A2	29	SMC-CR1521	7
		1-1/2	12	3	230				L15P4FMGS	20-1/4	13	P43B0015A3	23		
		1-1/2	12	3	460				L15P4FMGS	20-1/4	13	P43B0015A4	23		
		2	15	1	230				L15P4GMGS	23-1/2	15	P43B0020A2	31	SMC-CR2021	7
		2	15	3	230				L15P4GMGS	23-1/2	15	P43B0020A3	23		
		2	15	3	460				L15P4GMGS	23-1/2	15	P43B0020A4	23		
		3	22	1	230				L15P4HMGS	31-1/4	18	P43B0030A2	40	SMC-CR3021	7
		3	22	3	230				L15P4HMGS	31-1/4	18	P43B0030A3	32		
		3	22	3	460				L15P4HMGS	31-1/4	18	P43B0030A4	32		

†For all Pentek XE series three-phase motor options, see page 65.

*Length and Weight are approximate.

**For 10 GPM, 15 GPM and 20 GPM discharge is 1-1/4" NPT.

***For 30 GPM and 50 GPM discharge is 2" NPT.

NOTE: On 2 HP and larger - Pump, Motor, Control Box or Magnetic Starter must be ordered separately.

†Check Valve not included on 5 HP, 7-1/2 HP and 10 HP models. Check Valve not included on 50 GPM models.

TrimLine™ version maximum outside diameter is 3-3/4". Standard version maximum outside diameter on all models is 3-7/8".

JP Series

Composite

ORDERING INFORMATION

GPM	MOTOR TYPE	HP	STGS.	PH [†]	VOLT	ASSEMBLED PUMP			PUMP END			MOTOR		CONTROL BOX	
						CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	LENGTH INCHES*	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*	CATALOG NUMBER	WEIGHT POUNDS*
10**	2 WIRE	1/2	8	1	115	B10P4MS05121	23	28	L10P4CMGS	13	9	P42B0005A1	19		
		1/2	8	1	230	B10P4MS05221	23	28	L10P4CMGS	13	9	P42B0005A2	19		
		3/4	11	1	230	B10P4MS07221	26	31	L10P4DMGS	15	10	P42B0007A2	23		
		1	13	1	230	B10P4MS10221	29	35	L10P4EMGS	17	11	P42B0010A2	25		
		1-1/2	17	1	230	B10P4MS15221	35	42	L10P4FMGS	20	12	P42B0015A2	29		
	3 WIRE	1/2	7	1	115	B10P4MS05131	22-3/4	27-1/2	L10P4CMGS	12-3/4	9	P43B0005A1	19	SMC-IR0511	4
		1/2	8	1	230	B10P4MS05231	23	28	L10P4CMGS	13	9	P43B0005A2	19	SMC-CR0521	4
		3/4	11	1	230	B10P4MS07231	26	31	L10P4DMGS	15	10	P43B0007A2	21	SMC-CR0721	4
		1	13	1	230	B10P4MS10231	29	35	L10P4EMGS	17	11	P43B0010A2	23	SMC-CR1021	4
		1	13	3	230				L10P4EMGS	15-1/2	10-1/4	P43B0010A3	23		
		1	13	3	460				L10P4EMGS	15-1/2	10-1/4	P43B0010A4	23		
		1-1/2	17	1	230	B10P4MS15231	34	42	L10P4FMGS	20	12	P43B0015A2	27	SMC-CR1521	7
		1-1/2	17	3	230				L10P4FMGS	19-3/4	12-1/2	P43B0015A3	23		
		1-1/2	17	3	460				L10P4FMGS	19-3/4	12-1/2	P43B0015A4	23		
15**	2 WIRE	1/2	6	1	115	B15P4MS05121	23	27	L15P4CMGS	13	9	P42B0005A1	19		
		1/2	6	1	230	B15P4MS05221	23	27	L15P4CMGS	13	9	P42B0005A2	19		
		3/4	8	1	230	B15P4MS07221	26	31	L15P4DMGS	15	10	P42B0007A2	23		
		1	10	1	230	B15P4MS10221	30	35	L15P4EMGS	17	11	P42B0010A2	25		
		1-1/2	12	1	230	B15P4MS15221	36	43	L15P4FMGS	21	13	P42B0015A2	29		
	3 WIRE	1/2	5	1	115	B15P4MS05131	22-1/4	27	L15P4CMGS	12-1/4	9	P43B0005A1	19	SMC-IR0511	4
		1/2	6	1	230	B15P4MS05231	23	27	L15P4CMGS	13	9	P43B0005A2	19	SMC-CR0521	4
		3/4	8	1	230	B15P4MS07231	26	31	L15P4DMGS	15	10	P43B0007A2	21	SMC-CR0721	4
		1	10	1	230	B15P4MS10231	30	35	L15P4EMGS	17	11	P43B0010A2	23	SMC-CR1021	4
		1	9	3	230				L15P4EMGS	15-1/2	10-1/4	P43B0010A3	23		
		1	9	3	460				L15P4EMGS	15-1/2	10-1/4	P43B0010A4	23		
		1-1/2	12	1	230	B15P4MS15231	34	41	L15P4FMGS	21	13	P43B0015A2	27	SMC-CR1521	7
		1-1/2	12	3	230				L15P4FMGS	20-1/4	13	P43B0015A3	23		
		1-1/2	12	3	460				L15P4FMGS	20-1/4	13	P43B0015A4	23		
20**	2 WIRE	3/4	6	1	230	B20P4MS07221	23-3/4	30	L20P4DMGS	13	9	P42B0007A2	23		
		1	7	1	230	B20P4MS10221	27-1/4	34	L20P4EMGS	15	10	P42B0010A2	25		
		1-1/2	10	1	230	B20P4MS15221	32	39	L20P4FMGS	17	11	P42B0015A2	29		
	3 WIRE	3/4	6	1	230	B20P4MS07231	23-3/4	30	L20P4DMGS	13	9	P43B0007A2	23	SMC-CR0721	4
		1	7	1	230	B20P4MS10231	27-1/4	34	L20P4EMGS	15	10	P43B0010A2	25	SMC-CR1021	4
		1	7	3	230				L20P4EMGS	15-1/2	10-1/4	P43B0010A3	23		
		1	7	3	460				L20P4EMGS	15-1/2	10-1/4	P43B0010A4	23		
		1-1/2	10	1	230	B20P4MS15231	30-1/2	39	L20P4FMGS	17	11	P43B0015A2	29	SMC-CR1521	7
		1-1/2	9	3	230				L20P4FMGS	16-3/4	10-3/4	P43B0015A3	23		
		1-1/2	9	3	460				L20P4FMGS	16-3/4	10-3/4	P43B0015A4	23		
		2	12	1	230				L20P4GMGS	20-1/4	12-1/2	P43B0020A2	31	SMC-CR2021	7
		2	12	3	230				L20P4GMGS	20-1/4	12-1/2	P43B0020A3	23		
		2	12	3	460				L20P4GMGS	20-1/4	12-1/2	P43B0020A4	23		
		30**	2 WIRE	1	5	1	230	B30P4MS10221	26-1/2	35	L30P4EMGS	14	10	P42B0010A2	25
1-1/2	6			1	230	B30P4MS15221	30-1/2	39	L30P4FMGS	15-1/4	11	P42B0015A2	29		
3 WIRE	1		5	1	230	B30P4MS10231	26-1/2	35	L30P4EMGS	14	10	P43B0010A2	23	SMC-CR1021	4
	1		5	3	230				L30P4EMGS	15-1/2	10-1/4	P43B0010A3	23		
	1		5	3	460				L30P4EMGS	15-1/2	10-1/4	P43B0010A4	23		
	1-1/2		6	1	230	B30P4MS15231	29	39	L30P4FMGS	15-1/4	11	P43B0015A2	27	SMC-CR1521	7
	1-1/2		6	3	230				L30P4FMGS	15-1/4	11	P43B0015A3	23		
	1-1/2		6	3	460				L30P4FMGS	15-1/4	11	P43B0015A4	23		
	2		8	1	230				L30P4GMGS	18-1/4	12	P43B0020A2	31	SMC-CR2021	7
	2		8	3	230				L30P4GMGS	18-1/4	12	P43B0020A3	23		
	2		8	3	460				L30P4GMGS	18-1/4	12	P43B0020A4	23		

†For all Pentek XE series three-phase motor options, see page 65.

*Length and Weight are approximate.

**For 10 GPM, 15 GPM, 20 GPM and 30 GPM discharge is 1-1/4" NPT.

NOTE: On 2 HP and larger pumps – Motor, Control Box or Magnetic Starter must be ordered separately.

Pentek Intellikit™

Constant Pressure Controller

ORDERING INFORMATION

60Hz NEMA 3 Kits

Order Number	Flow Series	HP	Shut-Off Head	At Rated Flow	at Max Runout		Pump	Drive	Motor
			TDH (ft)	TDH (ft)	Flow (GPM)	TDH (ft)			
B5PIK10-60	5	1HP	650	475	7	300	L5P4EMGS	PID10	P43B0010A3-C
B5PIK15-60	5	1.5HP	885	640	7	400	L5P4FMGS	PID20	P43B0015A3-C
B7PIK10-60	7	1HP	540	380	10	140	L7P4EMGS	PID10	P43B0010A3-C
B7PIK15-60	7	1.5HP	740	475	10	190	L7P4FMGS	PID20	P43B0015A3-C
B7PIK20-60	7	2HP	920	610	10	210	L7P4GMGS	PID20	P43B0020A3-C
B10PIK10-60	10	1HP	495	300	15	110	L10P4EMGS	PID10	P43B0010A3-C
B10PIK15-60	10	1.5HP	629	410	15	150	L10P4FMGS	PID20	P43B0015A3-C
B10PIK20-60	10	2HP	795	498	15	200	L10P4GMGS	PID20	P43B0020A3-C
B10PIK30-60	10	3HP	1100	710	15	250	L10P4HMGS	PID30	P43B0030A3-C
B15PIK10-60	15	1HP	310	200	21	95	L15P4EMGS	PID10	P43B0010A3-C
B15PIK15-60	15	1.5HP	420	280	21	120	L15P4FMGS	PID20	P43B0015A3-C
B15PIK20-60	15	2.0HP	522	350	21	150	L15P4GMGS	PID20	P43B0020A3-C
B15PIK30-60	15	3.0HP	770	520	21	230	L15P4HMGS	PID30	P43B0030A3-C
B20PIK10-60	20	1HP	250	185	28	80	L20P4EMGS	PID10	P43B0010A3-C
B20PIK15-60	20	1.5HP	335	232	28	110	L20P4FMGS	PID20	P43B0015A3-C
B20PIK20-60	20	2.0HP	420	310	28	150	L20P4GMGS	PID20	P43B0020A3-C
B20PIK30-60	20	3.0HP	640	460	28	200	L20P4HMGS	PID30	P43B0030A3-C
B30PIK20-60	30	2.0HP	275	195	42	85	L30P4GMGS	PID20	P43B0020A3-C
B30PIK30-60	30	3.0HP	410	295	42	120	L30P4HMGS	PID30	P43B0030A3-C
B50PIK20-60	50	2.0HP	180	119	63	80	L50P4GMGS	PID20	P43B0020A3-C
B50PIK30-60	50	3.0HP	240	162	63	110	L50P4HMGS	PID30	P43B0030A3-C
B90PIK20-60	90	2.0HP	109	58	120	40	L90HF20	PID20	P43B0020A3-C
B90PIK30-60	90	3.0HP	150	80	120	55	L90HF30	PID30	P43B0030A3-C

80Hz NEMA 3 Kits

B7PIK15-80	7	1.5HP	740	475	10	190	L7P4DMGS	PID20	P43B0015A3-C
B7PIK20-80	7	2HP	920	610	10	210	L7P4EMGS	PID20	P43B0020A3-C
B7PIK30-80	7	3HP	1205	805	10	290	L7P4FMGS	PID30	P43B0030A3-C
B10PIK15-80	10	1.5HP	629	410	15	150	L10P4DMGS	PID20	P43B0015A3-C
B10PIK20-80	10	2HP	795	498	15	200	L10P4EMGS	PID20	P43B0020A3-C
B10PIK30-80	10	3HP	1100	710	15	250	L10P4FMGS	PID30	P43B0030A3-C
B15PIK15-80	15	1.5HP	420	280	21	120	L15P4DMGS	PID20	P43B0015A3-C
B15PIK20-80	15	2.0HP	522	350	21	150	L15P4EMGS	PID20	P43B0020A3-C
B15PIK30-80	15	3.0HP	770	520	21	230	L15P4FMGS	PID30	P43B0030A3-C
B20PIK15-80	20	1.5HP	335	232	28	110	L20P4DMGS	PID20	P43B0015A3-C
B20PIK20-80	20	2.0HP	420	310	28	150	L20P4EMGS	PID20	P43B0020A3-C
B20PIK30-80	20	3.0HP	640	460	28	200	L20P4FMGS	PID30	P43B0030A3-C
B30PIK20-80	30	2.0HP	275	195	42	85	L30P4EMGS	PID20	P43B0020A3-C
B30PIK30-80	30	3.0HP	410	295	42	120	L30P4FMGS	PID30	P43B0030A3-C
B50PIK30-80	50	3.0HP	240	162	63	110	L50P4FMGS	PID30	P43B0030A3-C
B90PIK30-80	90	3.0HP	150	80	120	55	L90HF20	PID30	P43B0030A3-C

Note:

80Hz Kits utilize an undersized liquid end running at higher speed to match pump performance of the curve equivalent to the driving motor. Maximum life expectancy of the liquid end is obtained using 60Hz solutions.