

Assembly Numbers

PL, PM and PH PREMIX® Blower Mixers are listed in Tables 1 through 3, as well as the optional filter assemblies and replacement elements to be used with them.

To order any blower mixer, specify:

1. Mixer size and assembly number
2. Electrical specification
3. Discharge position and ratio valve arrangement
4. Assembly number and quantity of accessory items:
 - Combustion air filter assembly
 - Connecting base and linkage assembly
 - Low fire start switch
 - Stand-by fuel arrangement

Table 1: Assembly numbers for PL Mixers, Filters

PREMIX® Blower Mixer			Approx. Ship Weight (pounds)	Filter Numbers			
Designation	HP-Frame	Assembly No.		Assembly (A)	Elements (R)		
PL-380	1/3 -48	19361	105	1073344	25292		
PL-490		19362					
PL-540		19363					
PL-630		19364	110				
PL-750		19365					
PL-850		19366					
PL-1000		19367	130				
PL-1350		19368					
PL-1440		19369	140				
PL-1700		3/4 -56	19370			190	1073346
PL-2650	1 -56	19371	235				
PL-3500		19372					
PL-4250	1-1/2 -56	19373	285				
PL-4600	2 -56	19616	315	1073347	25295		

Table 2: Assembly numbers for PM Mixers, Filters

PREMIX® Blower Mixer			Approx. Ship Weight (pounds)	Filter Numbers	
Designation	HP-Frame	Assembly No.		Assembly (A)	Elements (R)
PM-200	1/3 -48	19374	105	1073344	25292
PM-260		19375			
PM-350		19376			
PM-525		19378	110		
PM-690		19380	130		
PM-920	3/4 -56	19381	190	1073346	25294
PM-1080		19382			
PM-1200		19383			
PM-2000	1 -56	19384	235	1073347	25295
PM-3200	1-1/2 -56	19612	300		

Table 3: Assembly numbers for PH Mixers, Filters

PREMIX® Blower Mixer			Approx. Ship Weight (pounds)	Filter Numbers	
Designation	HP-Frame	Assembly No.		Assembly (A)	Elements (R)
PH-190	1/3 -48	19385	135	1073344	25292
PH-250		19386			
PH-330		19387			
PH-400		1115346			
PH-500		1115349			
PH-700	3/4 -56	19390	165	1073345	25293
PH-900		19391			
PH-1220		19392	195		
PH-1400	1 -56	19393	200	1073346	25294
PH-1650		19394			
PH-2350		1-1/2 -56			

Optional Low Fire Start Switches are shown in Table 4. Enter table from the left on the line corresponding to your mixer type, reading across to the column which includes your specific mixer size and appropriate switch assembly number.

Table 4: NEMA 1 Low Fire Start Switches

(for indoor, general purpose/non-hazardous duty locations)

Blower Mixer Type/Designation			Low Fire Start Switch Assembly Number
PL	PM	PH	
380-540	200-350	190-400	1070983
630-1350	525	500-900	1070984
---	690	---	1070985
1440-4250	920-2000	1220-2350	1070986
4600	3200	---	1070987

Assembly Numbers

Alternate Discharge Flanges (required only if the blower mixer outlet is to be piped smaller than standard discharge pipe size) are listed in Table 5 below.

Table 5: Alternate Discharge Flanges for reduced outlet manifold sizes

Standard Discharge Pipe Size	Alternate Reduced Discharge Pipe Size	Alternate Flange	
		PL & PM Mixers	PH Mixer
2"	1-1/2"	05387	---
	1-1/4"	10907	12216
	1"	---	---
3"	2-1/2"	18694	12218
	2"	04122	12217

Optional Connecting Base and Linkage (CB & L) Assemblies to mount and position customer's electric control motor or air operator are listed in Table 6 below.

NOTE: Control motor must provide at least 50 in-lbs of torque for use with a PREMIX® Blower Mixer.

This listing of CB & L assemblies shows only a sampling of the more popular control motors. We may be able to furnish a CB & L for other operators not cataloged (supply manufacturer's name and model number).

Table 6: Connecting Base & Linkage Assemblies

Type	Manufacturer	Model No.	Assembly No.
Electric	Barber-Colman	EA 51-58, also with prefix MC, MP, or MF	17377
	Honeywell	M6184D,A,F M6194D,B,E M9184D, M7284A,C,Q M9484D,E M9494D, M9184D,A,F M9484E,F,D M6294D,B M6284A,D,F M9194D,E	17372
	Herculine		1066900

Miniature PREMIX® Blower Mixers

Table 7 (below) provides assembly numbers for Miniature PREMIX® Blower Mixers plus motor horsepower. Each unit includes totally enclosed motor. All three mixers may be specified for either 115 or 230 volt single-phase power supply.

Table 7: Miniature PREMIX® Blower Mixers (stock assemblies - Position 1 single phase only)

Blower Mixer Designation (Position 1 only)	Motor HP	Assembly Number	Approximate Shipping Weight (pounds)
M-100	1/6	51201	25
M-250		51203	30
M-500		53505	35

To order a Miniature PREMIX® Blower Mixer with a single phase motor in positions other than Position 1, use the following assembly numbers. Specify position in the text line of the item.

M-100 #44353
M-250 #44354
M-500 #44355

To order a Miniature PREMIX® Blower Mixer with a three phase motor, use the following assembly numbers. Specify position in the text line of the item.

M-100 #50117973-001
M-250 #50117974-001
M-500 #50117975-001