



BURNHAM COMMERCIAL MPC SERIES BOILERS POWER FLAME JR GAS BURNERS

BOILER MODEL	INPUT MBH	FURNACE PRESS. INCHES W.C.	POWER FLAME MODEL	BLOWER MOTOR HP	BLOWER MOTOR VOLT/PH 60 Hz	STANDARD FLAME SAFEGUARD	GAS PRESS. REQUIRED MIN/MAX INCHES W.C.	GAS TRAIN SIZE IN INCHES	MODES OF OPERATION			
									ON OFF	LOW HIGH OFF	LOW HIGH LOW	MOD
MPC-4	500	0.20	JR15A-10	.25	115/1	RM7897A/UV	4.0/14"	1.00"	STD	N/A	N/A	N/A
MPC-5	773	0.30	JR30A-12	.33	115/1	RM7897A/UV	4.2/14"	1.00"	N/A	N/A	STD	Optional
MPC-6	995	0.20	JR30A-12	.33	115/1	RM7897A/UV	4.9/14"	1.00"	N/A	N/A	STD	Optional
MPC-7	1,216	0.30	JR30A-12	.33	115/1	RM7897A/UV	5.6/14"	1.25/1.00" (1)	N/A	N/A	STD	Optional
MPC-8	1,438	0.40	JR50A-15	.50	115/1	RM7897A/UV	5.9/14"	1.25/1.00" (1)	N/A	N/A	STD	Optional
MPC-9	1,660	0.50	JR50A-15	.50	115/1	RM7897A/UV	6.9/14"	1.25/1.00" (1)	N/A	N/A	STD	Optional
MPC-10	1,881	1.00	JR50A-15	.50	115/1	RM7897A/UV	5.8/14"	1.50/1.25" (1)	N/A	N/A	STD	Optional
MPC-11	2,103	0.75	JR50A-15	.50	115/1	RM7897A/UV	5.0/14"	1.50"	N/A	N/A	STD	Optional

N/A = NOT AVAILABLE

FOOTNOTE:

- (1) DUAL SIZE GAS TRAINS: LEAK TEST COCK AND MAIN GAS VALVE ARE INDICATED BY THE FIRST NUMBER; COMBINATION GAS VALVE, REGULATOR AND MAIN GAS COCK ARE INDICATED BY THE SECOND NUMBER.

NOTES:

- THE EQUIPMENT INCLUDED IN THE PRICES SHOWN FOR F.M. INCORPORATES ALL THE BASIC COMPONENTS GENERALLY ACCEPTED AS NECESSARY TO COMPLY WITH THE PUBLISHED STANDARDS. LOCAL INSPECTORS ARE EMPOWERED TO EXAMINE THE RISKS AND MODIFY THE STANDARDS WHICH COULD RESULT IN SUBSTANTIAL EQUIPMENT AND PRICE CHANGES. ALL SYSTEMS OFFERED ARE SUBJECT TO ACCEPTANCE BY THE LOCAL INSPECTOR.
- BURNERS INCLUDE CONTROL CIRCUIT FUSE, VENT FITTINGS FOR V4943B, AND FLANGE GASKETS.



BURNHAM COMMERCIAL MPC SERIES BOILERS POWER FLAME C SERIES GAS BURNERS

BOILER MODEL	INPUT MBH	FURNACE PRESS. INCHES W.C.	POWER FLAME MODEL	BLOWER MOTOR HP	BLOWER MOTOR VOLT/PH 60 Hz	STANDARD FLAME SAFEGUARD	GAS PRESS. REQUIRED MIN/MAX INCHES W.C.	GAS TRAIN SIZE IN INCHES	FLANGE SETTING INCHES	MODES OF OPERATION			
										ON OFF	LOW HIGH OFF	LOW HIGH LOW	MOD
MPC-5	773	.30	C1-G-10	.33	115/1	RM7897A/UV	4.4/14"	1.00"	4.50"	N/A	N/A	STD	Optional
MPC-6	995	.20	C1-G-12	.33	115/1	RM7897A/UV	4.8/14"	1.00"	4.50"	N/A	N/A	STD	Optional
MPC-7	1,216	.30	C1-G-12	.50	115/1	RM7897A/UV	5.5/14"	1.25/1.00" (1)	4.50"	N/A	N/A	STD	Optional
MPC-8	1,438	.40	C2-G-15	.50	115/1	RM7897A/UV	6.0/14"	1.25/1.00" (1)	4.50"	N/A	N/A	STD	Optional
MPC-9	1,660	.50	C2-G-15	.50	115/1	RM7897A/UV	6.8/14"	1.25/1.00" (1)	4.50"	N/A	N/A	STD	Optional
MPC-10	1,881	1.00	C2-G-20A	.75	230/1	RM7897A/UV	5.9/14"	1.25"	4.50"	N/A	N/A	STD	Optional
MPC-11	2,103	1.00	C2-G-20A	.75	230/1	RM7897A/UV	6.5/14"	1.25"	4.50"	N/A	N/A	STD	Optional
MPC-12	2,325	.90	C2-G-20A	.75	230/1	RM7897A/UV	6.5/14"	1.50/1.25" (2)	4.50"	N/A	N/A	STD	Optional
MPC-13	2,547	1.10	C2-G-20B	1.00	230/1	RM7897C/UV	6.5/14"	2.00/1.50" (2)	4.50"	N/A	N/A	STD	Optional
						RM7840L/UV				N/A	N/A	STD	Optional
MPC-14	2,769	1.40	C2-G-20B	1.00	230/1	RM7897C/UV	6.5/14"	2.00/1.50" (2)	4.50"	N/A	N/A	STD	Optional
						RM7840L/UV				N/A	N/A	STD	Optional
MPC-15	2,991	.70	C3-G-20	1.50	208/460/3	RM7897C/UV	5.6/14"	2.00/1.50" (2)	4.50"	N/A	N/A	STD	Optional
						RM7840L/UV				N/A	N/A	STD	Optional
MPC-16	3,213	1.20	C3-G-20	1.50	208/460/3	RM7897C/UV	6.9/14"	2.00/1.50" (2)	4.50"	N/A	N/A	STD	Optional
						RM7840L/UV				N/A	N/A	STD	Optional
MPC-17	3,435	1.50	C3-G-20	1.50	208/460/3	RM7897C/UV	6.6/14"	2.00"	4.50"	N/A	N/A	STD	Optional
						RM7840L/UV				N/A	N/A	STD	Optional
MPC-18	3,657	1.20	C3-G-20	1.50	208/460/3	RM7897C/UV	6.8/14"	2.00"	4.50"	N/A	N/A	STD	Optional
						RM7840L/UV				N/A	N/A	STD	Optional

N/A = NOT AVAILABLE
ODP = OPEN DAMPER PURGE

FOOTNOTES:

- (1) DUAL SIZE GAS TRAINS: LEAK TEST COCK AND MAIN GAS VALVE ARE INDICATED BY THE FIRST NUMBER; COMBINATION GAS VALVE AND REGULATOR ARE INDICATED BY THE SECOND NUMBER.
- (2) DUAL SIZE GAS TRAINS: LEAK TEST COCK, MAIN GAS VALVE, AND AUXILIARY GAS VALVE ARE INDICATED BY THE FIRST NUMBER; REGULATOR AND MAIN SHUTOFF COCK ARE INDICATED BY THE SECOND NUMBER.

NOTES:

- BURNERS INCLUDE CONTROL CIRCUIT FUSE, VENT FITTINGS FOR V4943B & RV-20 PILOT REGULATOR, AND FLANGE GASKETS.
- FLANGES ARE ROTATED 45 DEGREES FOR MODEL MPC15 THRU 18.
- MPC-11 & 12 PRICE INCLUDES A V48A DIAPHRAGM & RV REGULATOR ILO THE V4943B GAS VALVE/REGULATOR.



BURNHAM COMMERCIAL MPC SERIES BOILERS POWER FLAME C SERIES GAS/NO. 2 OIL BURNERS

BOILER MODEL	INPUT		FURNACE PRESS. INCHES W.C.	POWER FLAME MODEL	BLOWER MOTOR HP	BLOWER MOTOR VOLT/PH 60 Hz	STANDARD FLAME SAFEGUARD	GAS PRESS. REQUIRED MIN/MAX INCHES W.C.	GAS TRAIN SIZE IN INCHES	FLANGE SETTING INCHES	MODES OF OPERATION			
	MBH	GPH									ON OFF	LOW HIGH OFF	LOW HIGH LOW	MOD
MPC-5	773	5.5	.30	C1-GO-10	.33	115/1	RM7897C/UV	4.4/14"	1.00"	4.50"	N/A	N/A	STD	Optional
MPC-6	995	7.1	.20	C1-GO-12	.33	115/1	RM7897C/UV	4.8/14"	1.00"	4.50"	N/A	N/A	STD	Optional
MPC-7	1,216	8.7	.30	C1-GO-12	.50	115/1	RM7897C/UV	5.5/14"	1.25/1.00" (1)	4.50"	N/A	N/A	STD	Optional
MPC-8	1,438	10.2	.40	C2-GO-15	.75	230/1	RM7897C/UV	6.0/14"	1.25/1.00" (1)	4.50"	N/A	N/A	STD	Optional
MPC-9	1,660	11.8	.50	C2-GO-15	.75	230/1	RM7897C/UV	6.8/14"	1.25/1.00" (1)	4.50"	N/A	N/A	STD	Optional
MPC-10	1,881	13.4	1.00	C2-GO-20A	1.00	230/1	RM7897C/UV	5.9/14"	1.25"	4.50"	N/A	N/A	STD	Optional
MPC-11	2,103	15.0	1.00	C2-GO-20A	1.00	230/1	RM7897C/UV	6.5/14"	1.25"	4.50"	N/A	N/A	STD	Optional
MPC-12	2,325	16.6	.90	C2-GO-20A	1.00	230/1	RM7897C/UV	6.5/14"	1.50/1.25" (2)	4.50"	N/A	N/A	STD	Optional
MPC-13	2,547	18.2	1.10	C2-GO-20B	1.50	230/1	RM7897C/UV	6.5/14"	2.00/1.50" (2)	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV				N/A	N/A	STD	Optional
MPC-14	2,769	19.8	1.40	C2-GO-20B	1.50	230/1	RM7897C/UV	6.5/14"	2.00/1.50" (2)	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV				N/A	N/A	STD	Optional
MPC-15	2,991	21.5	.70	C3-GO-20	2.00	208/460/3	RM7897C/UV	5.6/14"	2.00/1.50" (2)	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV				N/A	N/A	STD	Optional
MPC-16	3,213	23.0	1.20	C3-GO-20	2.00	208/460/3	RM7897C/UV	6.9/14"	2.00/1.50" (2)	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV				N/A	N/A	STD	Optional
MPC-17	3,435	24.5	1.50	C3-GO-20	2.00	208/460/3	RM7897C/UV	6.6/14"	2.00"	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV				N/A	N/A	STD	Optional
MPC-18	3,657	26.0	1.20	C3-GO-20	2.00	208/460/3	RM7897C/UV	6.8/14"	2.00"	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV				N/A	N/A	STD	Optional

N/A = NOT AVAILABLE
ODP = OPEN DAMPER PURGE

FOOTNOTES:

- (1) DUAL SIZE GAS TRAINS: LEAK TEST COCK AND MAIN GAS VALVE ARE INDICATED BY THE FIRST NUMBER; COMBINATION GAS VALVE AND REGULATOR ARE BY THE SECOND NUMBER.
- (2) DUAL SIZE GAS TRAINS: LEAK TEST COCK, MAIN GAS VALVE, AND AUXILIARY GAS VALVE ARE INDICATED BY THE FIRST NUMBER; REGULATOR AND MAIN SHUTOFF COCK ARE INDICATED BY THE SECOND NUMBER.

NOTES:

- BURNERS INCLUDE CONTROL CIRCUIT FUSE, VENT FITTINGS FOR V4943B & RV-20 PILOT REGULATOR, AND FLANGE GASKETS.
- FLANGES ARE ROTATED 45 DEGREES FOR MODEL MPC15 THRU 18.
- MPC-11 & 12 PRICE INCLUDES A V48A DIAPHRAGM & RV REGULATOR ILO THE V4943B GAS VALVE/REGULATOR.



BURNHAM COMMERCIAL MPC SERIES BOILERS POWER FLAME "C" SERIES NO. 2 OIL BURNERS

BOILER MODEL	INPUT GPH	FURNACE PRESS. INCHES W.C.	POWER FLAME MODEL	BLOWER MOTOR HP	BLOWER MOTOR VOLT/PH 60 Hz	STANDARD FLAME SAFEGUARD	FLANGE SETTING INCHES	MODES OF OPERATION				
								ON OFF	LOW HIGH OFF	LOW HIGH LOW	MOD	
MPC-5	5.5	.30	C1-O	.33	115/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-6	7.1	.20	C1-O	.33	115/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-7	8.7	.30	C1-O	.50	115/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-8	10.2	.40	C2-OA	.75	230/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-9	11.8	.50	C2-OA	.75	230/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-10	13.4	1.00	C2-OA	1.00	230/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-11	15.0	1.00	C2-OA	1.00	230/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-12	16.6	.90	C2-OB	1.50	230/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-13	18.2	1.10	C2-OB	1.50	230/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-14	19.8	1.40	C2-OB	1.50	230/1	R7184P/CC	4.50"	N/A	N/A	STD	Optional	
MPC-15	21.5	.70	C3-O	60% ODP	2.00	208/460/3	RM7897C/UV	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV	4.50"	N/A	N/A	STD	Optional
MPC-16	23.0	1.20	C3-O	60% ODP	2.00	208/460/3	RM7897C/UV	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV	4.50"	N/A	N/A	STD	Optional
MPC-17	24.5	1.50	C3-O	60% ODP	2.00	208/460/3	RM7897C/UV	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV	4.50"	N/A	N/A	STD	Optional
MPC-18	26.0	1.20	C3-O	60% ODP	2.00	208/460/3	RM7897C/UV	4.50"	N/A	N/A	STD	Optional
							RM7840L/UV	4.50"	N/A	N/A	STD	Optional

N/A = NOT AVAILABLE
ODP = OPEN DAMPER PURGE

NOTES:

- BURNERS INCLUDE CONTROL CIRCUIT FUSE, VENT FITTINGS FOR V4943B & RV-20 PILOT REGULATOR, AND FLANGE GASKETS.
- FLANGES ARE ROTATED 45 DEGREES FOR MODEL MPC15 THRU 18.
- ALL BURNERS INCLUDE DIRECT SPARK IGNITION WITH 10,000 VOLT IGNITION TRANSFORMER.