

MFC 3000

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AIR EFFICIENCY (BTU-2000) (%)	WATER DATA						BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (ft)	UNIT OPERATING WEIGHT (LBS)	APPROVAL	UL LISTING NUMBER	MANUFACTURER	MODEL		
						OPERATING PRESSURE (PSIG)	BOILER CAPACITY (GAL)	RELIEF VALVE PRESSURE (PSIG)	BOILER PRESSURE RATING (PSIG)	DESIGN DELTA T (DEG F)	DESIGN FLOW (GPM)	BOILER MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOL/PHASE/AZ							FLA	BURNER MOTOR/OIL PUMP (HP)
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	2577/2761	92	---	407	30/50/80/75/80	80	---	---	20/350	2.4 PSIG @ 300 GPM	NAT.GAS/ #2 FUEL OIL	3000	14 - 28	208/3/80 460/3/80 575/3/80	11.4 5.8 6.2	3.0 / 1.0	172 x 54 x 84	10884	UL/FM/CSO-1	MH81241	AERCO	MFC 3000

NOTES:  
 1. VENTLESS GAS TRAIN  
 2. MAX NOX: 30 PPM, 3% O2 CORRECTED  
 3. COMBUSTION O2 LEVELS SHALL NOT EXCEED 6% THROUGHOUT ENTIRE FIRING RANGE  
 4. PROVIDE BOILER SEQUENCER WITH HW RESET, RUNTIME EQUALIZATION, AND MODBUS BAS COMMUNICATION  
 5. THE BOILER MUST HAVE A FACTORY INSTALLED DUAL RETURN SYSTEM TO INCREASE THE PLANT EFFICIENCY  
 6. BOILER MANUFACTURE TO PROVIDE 5-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY  
 7. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION  
 8. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS  
 9. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

MFC 6000

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AIR EFFICIENCY (BTU-2000) (%)	WATER DATA						BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (ft)	UNIT OPERATING WEIGHT (LBS)	APPROVAL	UL LISTING NUMBER	MANUFACTURER	MODEL		
						OPERATING PRESSURE (PSIG)	BOILER CAPACITY (GAL)	RELIEF VALVE PRESSURE (PSIG)	BOILER PRESSURE RATING (PSIG)	DESIGN DELTA T (DEG F)	DESIGN FLOW (GPM)	BOILER MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOL/PHASE/AZ							FLA	BURNER MOTOR/OIL PUMP (HP)
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	5154/5562	92	---	724	30/50/80/75/80	80	---	---	40/750	1.9 PSIG @ 800 GPM	NAT.GAS/ #2 FUEL OIL	6000	28 - 56	208/3/80 460/3/80 575/3/80	16.8 7.8 6.2	7.5 / 1.0	193 x 71 x 101	19403	UL/FM/CSO-1	MH81241	AERCO	MFC 6000

NOTES:  
 1. VENTLESS GAS TRAIN  
 2. MAX NOX: 40 PPM, 3% O2 CORRECTED  
 3. COMBUSTION O2 LEVELS SHALL NOT EXCEED 6% THROUGHOUT ENTIRE FIRING RANGE  
 4. PROVIDE BOILER SEQUENCER WITH HW RESET, RUNTIME EQUALIZATION, AND MODBUS BAS COMMUNICATION  
 5. THE BOILER MUST HAVE A FACTORY INSTALLED DUAL RETURN SYSTEM TO INCREASE THE PLANT EFFICIENCY  
 6. BOILER MANUFACTURE TO PROVIDE 5-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY  
 7. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION  
 8. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS  
 9. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

MFC 4000

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AIR EFFICIENCY (BTU-2000) (%)	WATER DATA						BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (ft)	UNIT OPERATING WEIGHT (LBS)	APPROVAL	UL LISTING NUMBER	MANUFACTURER	MODEL		
						OPERATING PRESSURE (PSIG)	BOILER CAPACITY (GAL)	RELIEF VALVE PRESSURE (PSIG)	BOILER PRESSURE RATING (PSIG)	DESIGN DELTA T (DEG F)	DESIGN FLOW (GPM)	BOILER MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOL/PHASE/AZ							FLA	BURNER MOTOR/OIL PUMP (HP)
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	3436/3708	92	---	464	30/50/80/75/80	80	---	---	27/520	1.5 PSIG @ 400 GPM	NAT.GAS/ #2 FUEL OIL	4000	14 - 28	208/3/80 460/3/80 575/3/80	16.8 7.8 6.2	7.5 / 1.0	174 x 59 x 88	14030	UL/FM/CSO-1	MH81241	AERCO	MFC 4000

NOTES:  
 1. VENTLESS GAS TRAIN  
 2. MAX NOX: 30 PPM, 3% O2 CORRECTED  
 3. COMBUSTION O2 LEVELS SHALL NOT EXCEED 6% THROUGHOUT ENTIRE FIRING RANGE  
 4. PROVIDE BOILER SEQUENCER WITH HW RESET, RUNTIME EQUALIZATION, AND MODBUS BAS COMMUNICATION  
 5. THE BOILER MUST HAVE A FACTORY INSTALLED DUAL RETURN SYSTEM TO INCREASE THE PLANT EFFICIENCY  
 6. BOILER MANUFACTURE TO PROVIDE 5-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY  
 7. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION  
 8. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS  
 9. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

MFC 8000

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AIR EFFICIENCY (BTU-2000) (%)	WATER DATA						BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (ft)	UNIT OPERATING WEIGHT (LBS)	APPROVAL	UL LISTING NUMBER	MANUFACTURER	MODEL		
						OPERATING PRESSURE (PSIG)	BOILER CAPACITY (GAL)	RELIEF VALVE PRESSURE (PSIG)	BOILER PRESSURE RATING (PSIG)	DESIGN DELTA T (DEG F)	DESIGN FLOW (GPM)	BOILER MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOL/PHASE/AZ							FLA	BURNER MOTOR/OIL PUMP (HP)
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	6972/7416	92	---	898	30/50/80/75/80	80	---	---	53/1000	1.1 PSIG @ 800 GPM	NAT.GAS/ #2 FUEL OIL	8000	28 - 56	208/3/80 460/3/80 575/3/80	25.8 11.7 10.2	7.5 / 2.0	220 x 71 x 102	24134	UL/FM/CSO-1	MH81241	AERCO	MFC 8000

NOTES:  
 1. VENTLESS GAS TRAIN  
 2. MAX NOX: 40 PPM, 3% O2 CORRECTED  
 3. COMBUSTION O2 LEVELS SHALL NOT EXCEED 6% THROUGHOUT ENTIRE FIRING RANGE  
 4. PROVIDE BOILER SEQUENCER WITH HW RESET, RUNTIME EQUALIZATION, AND MODBUS BAS COMMUNICATION  
 5. THE BOILER MUST HAVE A FACTORY INSTALLED DUAL RETURN SYSTEM TO INCREASE THE PLANT EFFICIENCY  
 6. BOILER MANUFACTURE TO PROVIDE 5-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY  
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 8. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS  
 9. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

MFC 5000

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AIR EFFICIENCY (BTU-2000) (%)	WATER DATA						BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (ft)	UNIT OPERATING WEIGHT (LBS)	APPROVAL	UL LISTING NUMBER	MANUFACTURER	MODEL		
						OPERATING PRESSURE (PSIG)	BOILER CAPACITY (GAL)	RELIEF VALVE PRESSURE (PSIG)	BOILER PRESSURE RATING (PSIG)	DESIGN DELTA T (DEG F)	DESIGN FLOW (GPM)	BOILER MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOL/PHASE/AZ							FLA	BURNER MOTOR/OIL PUMP (HP)
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	4295/4635	92	---	518	30/50/80/75/80	80	---	---	33/610	1.3 PSIG @ 500 GPM	NAT.GAS/ #2 FUEL OIL	5000	14 - 28	208/3/80 460/3/80 575/3/80	16.8 7.8 6.2	7.5 / 1.0	186 x 59 x 88	15383	UL/FM/CSO-1	MH81241	AERCO	MFC 5000

NOTES:  
 1. VENTLESS GAS TRAIN  
 2. MAX NOX: 30 PPM, 3% O2 CORRECTED  
 3. COMBUSTION O2 LEVELS SHALL NOT EXCEED 6% THROUGHOUT ENTIRE FIRING RANGE  
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MFC 10000

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AIR EFFICIENCY (BTU-2000) (%)	WATER DATA						BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (ft)	UNIT OPERATING WEIGHT (LBS)	APPROVAL	UL LISTING NUMBER	MANUFACTURER	MODEL		
						OPERATING PRESSURE (PSIG)	BOILER CAPACITY (GAL)	RELIEF VALVE PRESSURE (PSIG)	BOILER PRESSURE RATING (PSIG)	DESIGN DELTA T (DEG F)	DESIGN FLOW (GPM)	BOILER MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOL/PHASE/AZ							FLA	BURNER MOTOR/OIL PUMP (HP)
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	8590/9270	92	---	1043	30/50/80/75/80	80	---	---	67/1100	1.7 PSIG @ 1000 GPM	NAT.GAS/ #2 FUEL OIL	10000	28 - 56	208/3/80 460/3/80 575/3/80	25.8 11.7 10.2	7.5 / 2.0	240 x 71 x 102	27219	UL/FM/CSO-1	MH81241	AERCO	MFC 10000

NOTES:  
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 2. MAX NOX: 40 PPM, 3% O2 CORRECTED  
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