BMK750 STANDARD

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	653-720	95.5	---	12	30/50/75/100/150	160	---	---	12/175	3.0 PSIG @ 100 GPM	NATURAL GAS	750	4 - 14	120/1/60	13	1	25 x 28 x 78	802	UL/FM/CSD-1	MH15883	AERCO	BMK-750

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 15:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
7. PROVIDE BOILER SEQUENCING WITH HW RESET
8. BOILER STAGING POINT NOT TO EXCEED 40%
9. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER
10. BOILER MANUFACTURE TO PROVIDE 10-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY
11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

BMK1000 STANDARD

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	870-960	96.8	---	12	30/50/75/100/150	160	---	---	12/175	3.0 PSIG @ 100 GPM	NATURAL GAS	1000	4 - 14	120/1/60	13	1	25 x 28 x 78	817	UL/FM/CSD-1	MH15883	AERCO	BMK-1000

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 20:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
7. PROVIDE BOILER SEQUENCING WITH HW RESET
8. BOILER STAGING POINT NOT TO EXCEED 40%
9. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER
10. BOILER MANUFACTURE TO PROVIDE 10-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY
11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

BMK1500 STANDARD

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	1305-1425	94.8	---	25	30/50/75/100/150	160	---	---	25/250	3.0 PSIG @ 170 GPM	NATURAL GAS	1500	4 - 14	120/1/60	16	1.8	44 x 28 x 78	1654	UL/FM/CSD-1	MH15883	AERCO	BMK-1500

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 20:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
7. PROVIDE BOILER SEQUENCING WITH HW RESET
8. BOILER STAGING POINT NOT TO EXCEED 40%
9. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER
10. BOILER MANUFACTURE TO PROVIDE 10-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY
11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

BMK2000 STANDARD

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	1740-1900	94.8	---	25	30/50/75/100/150	160	---	---	25/350	3.0 PSIG @ 170 GPM	NATURAL GAS	2000	4 - 14	120/1/60	16	1.8	44 x 28 x 78	1760	UL/FM/CSD-1	MH15883	AERCO	BMK-2000

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 20:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
7. PROVIDE BOILER SEQUENCING WITH HW RESET
8. BOILER STAGING POINT NOT TO EXCEED 40%
9. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER
10. BOILER MANUFACTURE TO PROVIDE 10-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY
11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

BMK2500 STANDARD

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	2175-2360	93.5	---	25	30/50/75/100/150	160	---	---	25/350	3.0 PSIG @ 218 GPM	NATURAL GAS	2500	4 - 14	208/3/60 460/3/60	10 5	3.0 3.2	58 x 28 x 78	2332	UL/FM/CSD-1	MH15883	AERCO	BMK-2500

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 15:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
7. PROVIDE BOILER SEQUENCING WITH HW RESET
8. BOILER STAGING POINT NOT TO EXCEED 40%
9. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER
10. BOILER MANUFACTURE TO PROVIDE 10-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY
11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

BMK3000 STANDARD

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	2610-2880	93.5	---	25	30/50/75/100/150	160	---	---	25/350	3.0 PSIG @ 261 GPM	NATURAL GAS	3000	4 - 14	208/3/60 460/3/60	10 5	3.0 3.2	58 x 28 x 78	2580	UL/FM/CSD-1	MH15883	AERCO	BMK-3000

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 15:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
7. PROVIDE BOILER SEQUENCING WITH HW RESET
8. BOILER STAGING POINT NOT TO EXCEED 40%
9. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER
10. BOILER MANUFACTURE TO PROVIDE 10-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY
11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

BMK5000 STANDARD

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	4350-4800	94.5	---	75	30/50/75/100/150	80/150	---	---	75/600	4.0 PSIG @ 500 GPM	NATURAL GAS	5000	14"-2 PSI	208/3/60 460/3/60	19 9	5	90 x 35 x 80	3920	UL/FM/CSD-1	MH15883	AERCO	BMK-5000

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 12.5:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
7. PROVIDE BOILER SEQUENCING WITH HW RESET
8. BOILER STAGING POINT NOT TO EXCEED 40%
9. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER
10. BOILER MANUFACTURE TO PROVIDE 10-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY
11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

BMK5000 LOW GAS PRESSURE

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	4350-4800	94.5	---	75	30/50/75/100/150	80/150	---	---	75/600	4.0 PSIG @ 500 GPM	NATURAL GAS	5000	4" - 10"	208/3/60 460/3/60	19 9	5	90 x 35 x 80	3920	UL/FM/CSD-1	MH15883	AERCO	BMK-5000

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 12.5:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
7. PROVIDE BOILER SEQUENCING WITH HW RESET
8. BOILER STAGING POINT NOT TO EXCEED 40%
9. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER
10. BOILER MANUFACTURE TO PROVIDE 10-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY
11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

BMK6000 STANDARD

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	5220-5670	94.5	---	75	30/50/75/100/150	80/150	---	---	75/600	4.0 PSIG @ 500 GPM	NATURAL GAS	6000	14"-2 PSI	208/3/60 460/3/60	19 9	5	90 x 35 x 80	3920	UL/FM/CSD-1	MH15883	AERCO	BMK-6000

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 15:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
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11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS

BMK6000 LOW GAS PRESSURE

BOILER SCHEDULE

UNIT NUMBER	LOCATION	SERVICE	BOILER TYPE	OUTPUT (MBH)	AHRI EFFICIENCY (BTS-2000) (%)	WATER DATA								BURNER DATA			ELECTRICAL DATA			DIMENSIONS L x W x H (IN)	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)	MIN/MAX WATER FLOW (GPM)	PRESSURE DROP	FUEL	GAS INPUT (CFH)	MIN-MAX GAS INLET PRESSURE (IN W.C.)	VOLT/PHASE/HZ	FLA	BURNER MOTOR HP						
B-LB-X	MER	HEATING	CONDENSING FIRETUBE	5220-5670	94.5	---	75	30/50/75/100/150	80/150	---	---	75/600	4.0 PSIG @ 500 GPM	NATURAL GAS	6000	4" - 10"	208/3/60 460/3/60	19 9	5	90 x 35 x 80	3920	UL/FM/CSD-1	MH15883	AERCO	BMK-6000

NOTES:
1. VENTLESS GAS TRAIN
2. MINIMUM TURNDOWN: 15:1
3. MAX NOX: 20 PPM, 3% O2 CORRECTED
4. BOILER SHALL BE CAPABLE OF UTILIZING NON-METALLIC VENT MATERIAL
5. COMBUSTION O2 LEVELS SHALL NOT EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE
6. COMBUSTION SYSTEM SHALL BE CAPABLE OF O2 SENSOR IN ORDER TO ALERT IF THE UNIT IS EXPERIENCING NON-OPTIMUM COMBUSTION CONDITIONS
7. PROVIDE BOILER SEQUENCING WITH HW RESET
8. BOILER STAGING POINT NOT TO EXCEED 40%
9. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER
10. BOILER MANUFACTURE TO PROVIDE 10-YEAR NON-PRORATED HEAT EXCHANGER WARRANTY
11. BOILER MANUFACTURE TO PROVIDE 2-YEAR NON-PRORATED CONTROLLER WARRANTY
12. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION
13. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS
14. ALTERNATE MANUFACTURES MUST COMPLY WITH ALL BASIS OF DESIGN PERFORMANCE, SAFETY, DURABILITY WARRANTY AND SYSTEM DESIGN REQUIREMENTS