



**COPPER-FIN[®] BOILER (CB)
PRODUCT SUMMARY**

315,000-500,000 Btu/hr

COPPER-FIN® GAS BOILER (CB MODELS)

	CB-315	CB-360	CB-399	CB-500
WATER				
GALLON CAPACITY	0.98	1.01	1.11	1.19
WATER CONNECTIONS	2"	2"	2"	2"
DRAIN	3/4"	3/4"	3/4"	3/4"
MAX. WATER FLOW (GPM)	30	30	30	30
HEAD LOSS (FT. OF HD.)	6.5	6.7	6.9	7.0
MIN. WATER FLOW (GPM)	13.0	14.9	16.5	20.7
HEAD LOSS (FT. OF HD.)	1.3	1.5	2.0	3.5
MAX. WORKING PRESSURE (PSI)	160	160	160	160
RELIEF VALVE SIZE (MBH)	510	510	1352	1352
# OF RELIEF VALVES	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"
PRESSURE RATING (PSI)	30	30	50	50
HEATING SURFACE (SQ. FT.)	30.5	34.0	43.0	52.1
GAS				
INLET CONNECTION	3/4"	1"	1"	1"
MAX. INLET PRESSURE, NAT (WC)	10.5	10.5	10.5	10.5
MIN. INLET PRESSURE, NAT (WC)	4.5	4.5	4.5	4.5
MANIFOLD PRESSURE, NAT (WC)	3.5	3.5	3.5	3.5
MAX. INLET PRESSURE, LP (WC)	13	13	13	13
MIN. INLET PRESSURE, LP (WC)	11	11	11	11
MANIFOLD PRESSURE, LP (WC)	10	10	10	10
Btu/hr INPUT	315,000	360,000	399,999	500,000
Btu/hr OUTPUT	258,300	295,200	327,180	410,000
ELECTRICAL				
VOLTAGE/HEATER	120	120	120	120
CONTROL VOLTAGE	24	24	24	24
TOTAL AMPS	2	2	2	2
# OF ELECTRICAL CONNECTIONS	1	1	1	1
DIMENSIONS (INCHES)				
HEIGHT	29-1/2"	29-1/2"	29-1/2"	34-1/2"
WIDTH	32-1/2"	35-1/2"	44-1/2"	52-1/2"
DEPTH	21-1/2"	21-1/2"	22"	22"
SERVICE CLEARANCES (INCHES)				
FRONT	24"	24"	24"	24"
BACK	6"	6"	6"	6"
RIGHT SIDE	6"	6"	6"	6"
LEFT SIDE (PIPING)	24"	24"	24"	24"
TOP	29"	29"	29"	29"
VENTING				
SIZE (INCHES)	8"	9"	10"	10"
CATEGORY	I	I	I	I
MAXIMUM DRAFT (WC)	-0.05	-0.05	-0.05	-0.05
MINIMUM DRAFT (WC)	-0.02	-0.02	-0.02	-0.02
VENT MATERIAL	B-VENT	B-VENT	B-VENT	B-VENT



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