

	CB-0497	CB-0647	CB-0747	CB-0987	CB-1257	CB-1437	CB-1797	CB-2067
WATER								
GALLON CAPACITY	1.7	1.9	2.0	3.4	3.7	4.1	4.5	4.8
HEATING SURFACE (SQ. FT.)	59.0	76.8	88.1	96.0	120.2	144.0	176.0	200.0
WATER CONNECTIONS	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
DRAIN	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
MAX. WATER FLOW RATE (GPM)	55	55	55	90	90	90	90	90
HEAD LOSS (FT. OF HD.)	6.5	6.7	6.8	5.8	6.6	7.2	8.4	9.2
MIN. WATER FLOW RATE (GPM) *	21	21	25	27	34	39	49	56
HEAD LOSS (FT. OF HD.) *	0.7	1.6	2.3	0.8	1.1	1.7	2.4	4.5
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160	160	160	160
# OF RELIEF VALVES	1	1	1	1	1	2	2	2
RELIEF VALVE SIZE	1"	1"	1"	1"	1"	1"	1"	1"
MIN RELIEF VALVE CAP (MBH)	416	542	626	827	1,054	1,205	1,508	1,735
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50	50	50	50	50	50
GAS								
INLET CONNECTION	1-1/4"	1-1/4"	1-1/4"	2"	2"	2"	2"	2"
MAX. INLET PRESSURE, NAT	10.5" w.c.	10.5" w.c.	10.5" w.c.	10.5" w.c.	10.5" w.c.	10.5" w.c.	10.5" w.c.	10.5" w.c.
MIN. INLET PRESSURE, NAT	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.5" w.c.	4.5" w.c.	4.5" w.c.	4.5" w.c.	4.5" w.c.
MANIFOLD PRESSURE, NAT	1.8" w.c.	1.8" w.c.	1.8" w.c.	1.2" w.c.	1.2" w.c.	1.2" w.c.	1.2" w.c.	1.2" w.c.
MAX. INLET PRESSURE, LP	13.0" w.c.	13.0" w.c.	13.0" w.c.	13.0" w.c.	13.0" w.c.	13.0" w.c.	13.0" w.c.	13.0" w.c.
MIN. INLET PRESSURE, LP	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.
MANIFOLD PRESSURE, LP	4.6" w.c.	4.6" w.c.	4.6" w.c.	4.6" w.c.	4.6" w.c.	4.6" w.c.	4.6" w.c.	4.6" w.c.
BTU/HR INPUT	495,000	645,000	745,000	985,000	1,255,000	1,435,000	1,795,000	2,065,000
BTU/HR OUTPUT	416,000	542,000	626,000	827,000	1,054,000	1,205,000	1,508,000	1,735,000
ELECTRICAL								
VOLTAGE/HEATER	120	120	120	120	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24	24	24	24	24
TOTAL AMPS	8.0	8.0	8.0	8.0	8.0	8.4	8.4	8.4
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1	1	1	1
DIMENSIONS								
HEIGHT	33-14"	33-14"	33-14"	36"	36"	36"	36"	36"
WIDTH (INCLUDES PUMP)	45-1/2"	56-3/4"	64"	48-1/4"	58-1/2"	68-3/4"	82-1/4"	92-1/2"
DEPTH	22-1/4"	22-1/4"	22-1/4"	33-1/2"	33-1/2"	33-1/2"	33-1/2"	33-1/2"
SERVICE CLEARANCES								
FRONT	24"	24"	24"	30"	30"	30"	30"	30"
BACK	3"	3"	3"	3"	3"	3"	3"	3"
RIGHT SIDE	3"	3"	3"	3"	3"	3"	3"	3"
LEFT SIDE (PIPING)	24"	24"	24"	24"	24"	24"	24"	24"
TOP	3"	3"	3"	3"	3"	3"	3"	3"
VENTING								
SIZE	6"	8"	8"	10"	12"	12"	14"	14"
VENT CATEGORY	I	I	I	I	I	I	I	I
VENT MATERIAL	B-VENT	B-VENT	B-VENT	B-VENT	B-VENT	B-VENT	B-VENT	B-VENT
MAXIMUM DRAFT	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.
MINIMUM DRAFT	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.

* Minimum flow rate and head loss are based on a 40°F temperature rise for CB0495-0745 models and based on a 60°F temperature rise for CB0986-2066 models.