



# OUTDOOR KNIGHT® BOILER PRODUCT SUMMARY

(OK) 399,999 - 800,000 BTU/HR

	OK-400	OK-501	OK-601	OK-701	OK-801
<b>WATER</b>					
GALLON CAPACITY	3.4	4.2	4.2	5.0	5.7
HEATING SURFACE (SQ. FT.)	41.8	50.8	50.8	57.8	65.3
WATER CONNECTIONS	1-1/2"	1-1/2"	2"	2"	2"
DRAIN	3/4"	3/4"	3/4"	3/4"	3/4"
20°F ΔT WATER FLOW (GPM)	37	47	55	65	74
HEAD LOSS (FT. OF HD.)	21	23	31	30	33
35°F ΔT WATER FLOW (GPM)	21	26	32	37	42
HEAD LOSS (FT. OF HD.)	8	10	13	11	12
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160
# OF RELIEF VALVES	1	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"	3/4"
RELIEF VALVE RATING (MBH)	697	697	697	1,352	1,352
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50	50	50
<b>GAS</b>					
INLET CONNECTION	1"	1"	1"	1"	1"
MAX. INLET PRESSURE, NAT	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.	4.0" w.c.	4.0" 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.
MIN. INLET PRESSURE, LP	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.
BTU/HR INPUT	399,000	500,000	600,000	700,000	800,000
BTU/HR OUTPUT (HIGH FIRE)	373,065	467,500	561,000	654,500	748,000
BTU/HR OUTPUT (LOW FIRE)	74,613	93,500	112,200	130,900	149,600
<b>ELECTRICAL</b>					
VOLTAGE/HEATER	120	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24	24
TOTAL AMPS	1.5	1.7	2.7	2.7	2.7
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1
<b>DIMENSIONS</b>					
HEIGHT	42-1/2"	42-1/2"	42-1/2"	42-1/2"	42-1/2"
WIDTH	15-1/2"	15-1/2"	15-1/2"	15-1/2"	15-1/2"
DEPTH	25-1/4"	31-1/2"	35"	41-1/4"	43-1/4"
<b>SERVICE CLEARANCES</b>					
FRONT	24"	24"	24"	24"	24"
BACK	14"	14"	14"	14"	14"
RIGHT SIDE	0"	0"	0"	0"	0"
LEFT SIDE (PIPING)	24"	24"	24"	24"	24"
TOP	24"	24"	24"	24"	24"

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