

NOBLE[®] BOILER PRODUCT SUMMARY

(NKB) 80,000-199,000 BTU/HR

	NKB080	NKB110	NKB150	NKB199
BOILER				
GALLON CAPACITY	1.2	1.4	2.0	2.7
HEATING SURFACE (SQ. FT.)	6.95	7.33	11.4	15.02
WATER CONNECTIONS	1"	1"	1"	1"
MAX. WORKING PRESSURE (PSI)	50	50	50	50
# OF RELIEF VALVES	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"
RELIEF VALVE RATING (MBH)	535	535	535	535
RELIEF VALVE PRESSURE RATING (PSI)	30	30	30	30
GAS				
INLET CONNECTION	1/2"	1/2"	1/2"	1/2"
MAX. INLET PRESSURE, NAT	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, NAT	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.
MAX. INLET PRESSURE, LP	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, LP	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.
BTU/HR INPUT	80,000	110,000	150,000	199,000
BTU/HR OUTPUT (HIGH FIRE)	76,000	102,000	139,000	185,000
BTU/HR OUTPUT (LOW FIRE)	7,600	10,200	13,900	18,500
ELECTRICAL				
VOLTAGE/HEATER	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24
TOTAL AMPS	0.7	0.7	0.7	0.9
# OF ELECTRICAL CONNECTIONS	1	1	1	1
DIMENSIONS				
HEIGHT	24"	24"	24"	24"
WIDTH	17-1/4"	17-1/4"	17-1/4"	17-1/4"
DEPTH	17-1/4"	18"	18"	18"
SERVICE CLEARANCES				
FRONT	24"	24"	24"	24"
BOTTOM	24"	24"	24"	24"
RIGHT SIDE	12"	12"	12"	12"
LEFT SIDE	12"	12"	12"	12"
TOP	6"	6"	6"	6"
DIRECT VENTING				
SIZE	2"	3"	3"	3"
VENT CATEGORY	IV	IV	IV	IV
VENT MATERIAL	PVC/CPVC/SS/PP	PVC/CPVC/SS/PP	PVC/CPVC/SS/PP	PVC/CPVC/SS/PP

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