



# SHIELD™ WATER HEATER PRODUCT SUMMARY

S(N,L)(R,A) 125,000 - 500,000 BTU/HR

	SNR126-065	SNR151-100	SNR201-100	SNA151-100	SNA201-100	SNA286-125	SNA401-125	SNA501-125
<b>WATER</b>								
GALLON CAPACITY	65	90	90	90	90	120	120	120
ASME CERTIFICATION	Non-ASME	Non-ASME	Non-ASME	HLW	HLW	HLW	HLW	HLW
WATER CONNECTIONS	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"
DRAIN	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
MAX. WORKING PRESSURE (PSI)	150	150	150	150	150	150	150	150
MAX. WATER HARDNESS (GRAINS)	15	15	15	15	15	15	15	15
GPH @ 70°F RISE	195	234	312	234	312	445	624	780
GPH @ 100°F RISE	137	164	218	164	218	311	437	546
GPH @ 140°F RISE	98	117	156	117	156	222	312	390
# OF RELIEF VALVES (Factory Supplied)	1	1	1	2	2	2	2	2
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"	3/4" & 3/4"	3/4" & 1"	3/4" & 1"	3/4" & 1"
RELIEF VALVE RATING, HEX (MBH)	1,912	1912	1912	1912	1912	1,438	1,438	1,438
RELIEF VALVE RATING, TANK (MBH)	N/A	N/A	N/A	N/A	500	2,155	2,155	2,155
RELIEF VALVE PRESSURE RATING (PSI)	150	150	150	150	150	150	150	150
RELIEF VALVE TEMPERATURE RATING (°F)	210	210	210	210	210	210	210	210
<b>GAS</b>								
INLET CONNECTION	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	1"	1"
MAX. INLET PRESSURE, NAT	14"	14"	14"	14"	14"	14"	14"	14"
MIN. INLET PRESSURE, NAT	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.
MAX. INLET PRESSURE, LP	14"	14"	14"	14"	14"	14"	14"	14"
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.
BTU/HR INPUT	125,000	150,000	199,999	150,000	199,999	285,000	399,999	500,000
<b>ELECTRICAL</b>								
VOLTAGE	120	120	120	120	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24	24	24	24	24
TOTAL AMPS	3.0	3.0	3.2	3.0	3.2	4.5	6.5	6.7
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1	1	1	1
<b>DIMENSIONS</b>								
HEIGHT	60-1/4"	75-1/2"	75-1/2"	75-1/2"	75-1/2"	75-1/2"	75-1/2"	75-1/2"
DIAMETER	28"	28"	28"	28"	28"	34"	34"	34"
<b>SERVICE CLEARANCES</b>								
FRONT	24"	24"	24"	24"	24"	24"	24"	24"
LEFT SIDE	24"	24"	24"	24"	24"	24"	24"	24"
TOP	18"	18"	18"	18"	18"	18"	18"	18"
<b>VENT</b>								
SIZE	3"	3"	3"	3"	3"	4"	4"	4"
MAXIMUM LENGTH	100'	100'	100'	100'	100'	100'	100'	100'
VENT CATEGORY	IV	IV	IV	IV	IV	IV	IV	IV
VENT MATERIAL (all models)	PVC / CPVC / Polyporpylene / Stainless Steel							

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