

# Specifications Comparison

	Navien CR-180A	Navien CR-180	Rinnai 85i	Rinnai 53i	Rinnai R75LSi	Noritz N-0631- DV	Typcial 50 Gallon Tank Type NG Water Heater
Output BTU (NG)	147,000	147,000	151,200	151,200	151,200	144,000	28,880
Combustion Efficiency (NG)	98%	98%	84%	84%	84%	80%	76%
Input BTU (NG)	150,000	150,000	180,000	180,000	180,000	180,000	38,000
GPM @ 35°F Temperature Rise (70°F to 105°F for example) (theoretical value based on BTUs; may be subject to manufacturer's heat exchanger flow limits)	8.4	8.4	8.5	5.3	7.5	7.1	1.6
GPM @ 45°F Temperature Rise (60°F to 105°F for example) (theoretical value based on BTUs; may be subject to manufacturer's heat exchanger flow limits)	6.5	6.5	6.7	5.3	6.7	6.4	1.3
GPM @ 50°F Temperature Rise (70°F to 120°F for example)	5.9	5.9	6.0	6.0	6.0	5.8	1.2
GPM @ 55°F Temperature Rise (65°F to 120°F for example)	5.3	5.3	5.5	5.5	5.5	5.2	1.0
GPM @ 60°F Temperature Rise (60°F to 120°F for example)	4.9	4.9	5.0	5.0	5.0	4.8	1.0
GPM @ 65°F Temperature Rise (55°F to 120°F for example)	4.5	4.5	4.6	4.6	4.6	4.4	0.9
GPM @ 70°F Temperature Rise (50°F to 120°F for example)	4.2	4.2	4.3	4.3	4.3	4.1	0.8
GPM @ 75°F Temperature Rise (45°F to 120°F for example)	3.9	3.9	4.0	4.0	4.0	3.8	0.8
GPM @ 80°F Temperature Rise (40°F to 120°F for example)	3.7	3.7	3.8	3.8	3.8	3.6	0.7
# of Simultaneous Showers with 40°F Ground Water (2.5 GPM Heads)	1.8	1.8	1.9	1.9	1.9	1.8	2.0
# of Simultaneous Showers with 55°F Ground Water (2.5 GPM Heads)	2.4	2.4	2.5	2.5	2.5	2.3	2.5
# of Simultaneous Showers with 70°F Ground Water (2.5 GPM Heads)	3.5	3.5	3.6	3.6	3.6	3.4	3.0

All competitor information was gathered from their respective websites and/or advertising material. All efforts were made to ensure accuracy. Our apologies if any mistakes have been made.