

# Triangle Tube Indirect Water Heater Performance



The charts below provide the 1st hour flowrate, continuous flowrate and peak flowrate for the Smart Tank heated by Triangle Tube Prestige boilers

	Boiler	Smart 30			Smart 40			Smart 50			Smart 60		
		1st Hr Flow	Cont. Flow	Peak Flow	1st Hr Flow	Cont. Flow	Peak Flow	1st Hr Flow	Cont. Flow	Peak Flow	1st Hr Flow	Cont. Flow	Peak Flow
Prestige	PA 80	113	89	39	129	99	47	138	99	56	146	99	64
	PA 110	113	89	39	145	115	50	175	136	62	183	136	70
	PA 155	113	89	39	145	115	50	182	143	63	237	189	79
	PA 175	113	89	39	145	115	50	182	143	63	257	209	82
	PA 250	113	89	39	145	115	50	182	143	63	324	276	94
	PA 299	113	89	39	145	115	50	182	143	63	324	276	94
	PA 399	113	89	39	145	115	50	182	143	63	324	276	94
Instinct	INS110	113	89	39	145	115	50	175	136	62	183	136	70
	INS155	113	89	39	145	115	50	182	143	63	237	189	79
	INS199	113	89	39	145	115	50	182	143	63	293	245	88

	Boiler	Smart 80			Smart 100			Smart 120		
		1st Hr Flow	Cont. Flow	Peak Flow	1st Hr Flow	Cont. Flow	Peak Flow	1st Hr Flow	Cont. Flow	Peak Flow
Prestige	PA 80	158	99	76	179	99	97	200	99	118
	PA 110	195	136	82	217	136	103	237	136	124
	PA 155	249	189	91	270	189	112	290	189	133
	PA 175	269	209	94	290	209	116	310	209	136
	PA 250	355	296	109	376	296	130	397	296	150
	PA 299	366	307	111	426	345	138	463	362	162
	PA 399	366	307	111	426	345	138	531	430	173
Instinct	INS110	195	136	82	217	136	103	237	136	124
	INS155	249	189	91	270	189	112	290	189	133
	INS199	305	245	100	326	245	122	346	245	142

Units:

First Hour Flow - gal/hr

Continuous Flow - gal/hr

Peak Flow - gal/10 min

Conditions:

90°F Domestic Rise

30°F Boiler Rise

180°F Boiler Supply Temperature

Based on DOE Heating Capacity