

Triangle Tube Indirect Water Heater Performance



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

Performance is provided for the Ginius 65 heat exchangers piped in series or parallel.

Boiler	Ginius 35			Ginius 45			Ginius 55			Ginius 65 (Series)			Ginius 65 (Parallel)		
	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	1st Hr Flow	Cont. Flow	Peak Flow
Solo 80	126	99	44	134	99	52	142	99	60	150	99	68	150	99	68
Solo 110	150	123	48	158	123	56	166	123	64	187	136	74	187	136	74
Solo 155	150	123	48	158	123	56	166	123	64	240	189	83	240	189	83
Solo 175	150	123	48	158	123	56	166	123	64	260	209	86	260	209	86
Solo 250	150	123	48	158	123	56	166	123	64	278	226	89	294	242	92
Solo 299	150	123	48	158	123	56	166	123	64	278	226	89	294	242	92
Solo 399	150	123	48	158	123	56	166	123	64	278	226	89	294	242	92

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
Solo 80	106	84	36	127	99	45	135	99	53	143	99	61
Solo 110	106	84	36	137	108	47	172	135	59	181	136	67
Solo 155	106	84	36	137	108	47	172	135	59	234	189	76
Solo 175	106	84	36	137	108	47	172	135	59	254	209	80
Solo 250	106	84	36	137	108	47	172	135	59	305	260	88
Solo 299	106	84	36	137	108	47	172	135	59	305	260	88
Solo 399	106	84	36	137	108	47	172	135	59	305	260	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
Solo 80	155	99	72	175	99	92	194	99	112
Solo 110	192	136	79	212	136	99	231	136	118
Solo 155	245	189	88	265	189	108	285	189	127
Solo 175	265	209	91	285	209	111	305	209	130
Solo 250	345	289	104	372	296	125	391	296	145
Solo 299	345	289	104	401	325	130	466	371	157
Solo 399	345	289	104	401	325	130	500	405	163

Units:

First Hour Flow - gal/hr

Continuous Flow - gal/hr

Peak Flow - gal/10 min

Conditions:

90°F Domestic Rise

180°F Boiler Temperature

Based on DOE Heating Capacity