

STEAMERICAS OPTIMA STEAMER PRODUCT/POWER COMPARISON

Models	Optima DM(F)	Optima DM(S)	Optima EST1 (5kW)	Optima EST3 (12kW)	Optima EST3 (18kW)	Optima EST3 (27kW)	Optima EST1 (S-5kW)	Optima EST3 (S-12kW)	Optima EST3 (S-18kW)	Optima EST3 (S-27kW)
Rated Electric Power (watts)	250 (300 Max)		5,040 (5,200 Max)	12,040 (12,200 Max)	18,040 (18,200 Max)	27,040 (27,200 Max)	5,040 (5,200 Max)	12,040 (12,200 Max)	18,040 (18,200 Max)	27,040 (27,200 Max)
No. of Heaters			2 (2kW + 3kW)	2 (6kW each)	2 (9kW each)	3 (9kW each)	2 (2kW + 3kW)	2 (6kW each)	2 (9kW each)	3 (9kW each)
Amperage (Amp)	Varies per voltage**									
Voltage (V)	115, 230	115, 230	230	208, 230**	208, 230, 380, 440, 460**	380, 440,460**	230	208, 230**	208, 230, 380, 440, 460**	380, 440,460**
Phase	Single phase	Single phase	Single phase	3 Phase	3 Phase	3 Phase	Single phase	3 Phase	3 Phase	3 Phase
Direct Water Connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Water Tank	5.3 gal	10.6 gal	10.6 gal	10.6 gal	10.6 gal	10.6 gal	10	10	10	10
Boiler Vessel	3.83 gal	3.83 gal	3.83 gal	3.83 gal	3.83 gal	5.15 gal	3.83 gal	3.83 gal	3.83 gal	5.15 gal
Fuel Tank	5.3 gal	4.5 gal								
Pre-heating Time	2~3 minutes	2~3 minutes	19~21 minutes	8~9 minutes	6~7 minutes	6~7 minutes	19~21 minutes	8~9 minutes	6~7 minutes	6~7 minutes
Evaporation Rate (lbs/hr)	240 lbs/hr	240 lbs/hr	34lbs/hr	80 lbs/hr	118 lbs/hr	176 lbs/hr	34lbs/hr	80 lbs/hr	118 lbs/hr	176 lbs/hr
Working Pressure (psi)	101.5~116psi	101.5~116psi	101.5~116psi	101.5~116psi	101.5~116psi	101.5~116psi	101.5~116psi	101.5~116psi	101.5~116psi	101.5~116psi
Boiler Temp (°F)	352	352	346	346	346	346	346	346	346	346
Temperature at Tip (°F)	275	275	248	248	248	248	248	248	248	248
Steam Temperature [Sprayed] (°F)	< 212 °F	< 212 °F	< 212 °F	< 212 °F	< 212 °F	< 212 °F	< 212 °F	< 212 °F	< 212 °F	< 212 °F
Net Weight [Empty] (lbs)	184	211	162	166	171	180	178	180	183	194
Net Dimensions [inches]	43"x 28.3"x H35.4"	35"x 19.7"x H29.5"	43"x 28.3"x H35.4"				30.7" x 19.7" x H30"			
Dual Hose Option	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes
Available Hose Length(s)	33', 50', 65'	33', 50', 65'	33', 50', 65'	33', 50', 65'	33', 50', 65'	33', 50', 65'	33', 50', 65'	33', 50', 65'	33', 50', 65'	33', 50', 65'
Exterior Material	ABS Plastic	Stainless steel	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	Stainless steel			

Amperage (AMPs) = Output (Watts) ÷ Voltage (V) ÷ √(phase)

	120V, 1ph	230V, 1ph	208V, 3ph	230V, 3ph	380V, 3ph	440V, 3ph	460V, 3ph
DM(F), DM(S) (300 watts)	3	1.5					
EST1 (5040 watts)		23					
EST3 (12040 watts)			34	30	18		
EST3 (18040 watts)			50	45	27	24	23
EST3 (27040 watts)					41	36	34