

2019 Amperage Chart for Catalina Swimspas



Model	Amperage settings	Maximum Amperage	Kilowatts	MCB Size
Classic & CSS12 ECO Mardi Gras, Carnival, Medley, Sprint, Orinoco & Amazon	with amperage control	23A	5.3kW	25/32
	with Heater on with all equipment	36A	8.3kW	40
Classic XP & CSS12 Carnival, Medley, Sprint, Orinoco and Amazon	with amperage control	36A	8.3kW	40
	with Heater on with all equipment	49A	17.5kW	50/63
Classic XP Freestyle	with amperage control	40A	9.2kW	40
	with Heater on with all equipment	53A	12.2kW	63
Aquadynamic & CSS16 Carnival, Medley, Sprint, Orinoco & Amazon	with amperage control	48A	11kW	50
Aquadynamic Freestyle	with amperage control	48A	12.2kW	50
Dual Temperature Relay	with amperage control	27A+40A = 68A	6.2 + 9.2 = 15.4kW	80
	with Heater on with all spa end equipment only	40A+40A = 81A	9.2 + 9.2 = 18.4kW	80
Dual Temperature Marathon 5	with amperage control	17A+48A= 65A	3.9 + 11 = 14.9kW	80
	with Heater on with all spa end equipment only	30A+48A=78A	6.9 + 11 = 17.9kW	80
Dual Temperature Olympic	with amperage control	27A+48A= 75A	6.2 + 11 = 17.2kW	80
	with Heater on with all spa end equipment only	40A+48A= 88A	9.2 + 11 = 20.2kW	100
Atlantic Pool		22A + 13A = 35A	8.05kW	40
Atlantic Pool Classic	With amperage control	Min – 28A + 13A = 28A Max – 36A + 13A = 49A	6.44kW	32 + 16
	Without amperage control		11.3kW	40 + 16
Atlantic Pool Classic XP	With amperage control	36A + 13A = 36A	8.3kW	40 + 16
Atlantic Pool Aquadynamic	With amperage control	48A + 13A = 48A	11kW	50 + 16

Note: For bather comfort on Relay, Marathon and Olympic middle demand should be quoted- to enable spa heating.
 On dual control spas each side needs separate supply with separate local isolation.
 On Aquadynamic the blower is disengaged if all 4 pumps are on fast speed.
 Classic XP and Aquadynamic spas cannot be run on 3 phase. Please call the office if 3 phase is needed.
 The Atlantic needs 2 x supplies, the second supply is controlled by the main control pack and switches off to reduce amperages.