

TEMPERATURE CONTROL 14/19

V100 ELECTRICAL HEATER (ALL TITANIUM)

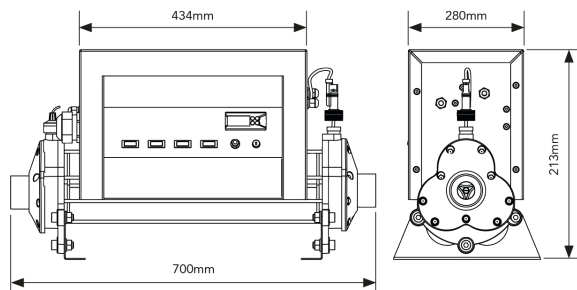
The V100 is our largest, most powerful, highly efficient pool heater. Engineered for heavy usage and top-end performance, the V100 range of models are capable of heating any size commercial pool, with ease. Designed and manufactured in Britain, this product ensures customer satisfaction, providing a reliable, long lasting solution for their pool heating needs.



✓ Technical features

- 10 models available, ranging from 18-kW to 120-kW
- Easy installation, fully equipped and pre-wired
- Robust, durable construction and compact design
- Ultra-reliable flow switch for safe operation
- Fitted with temperature thermostat and overheating sensor
- Analogue control with 1.2°C differential or digital control with 0.5°C differential
- Titanium flow tube and titanium heating element(s)
- Vortex, long life, stay clean heating element technology
- 100% efficiency throughout the product life
- Sea and salt chlorinated water compatible
- Can be floor or vertically wall mounted
- Silent operation

📏 Dimensions

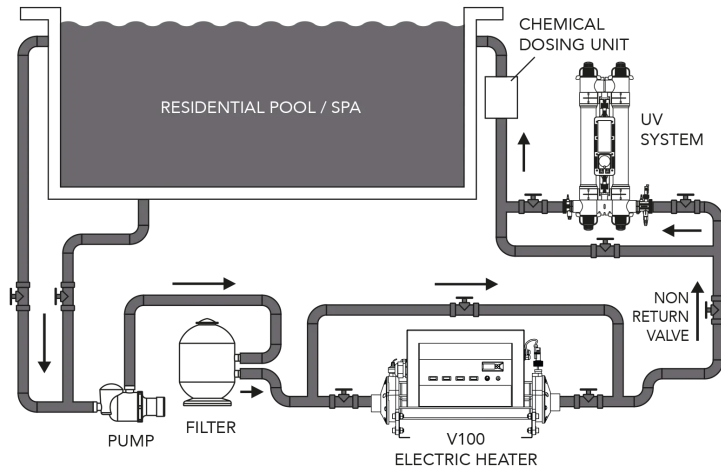


👁 Specifications

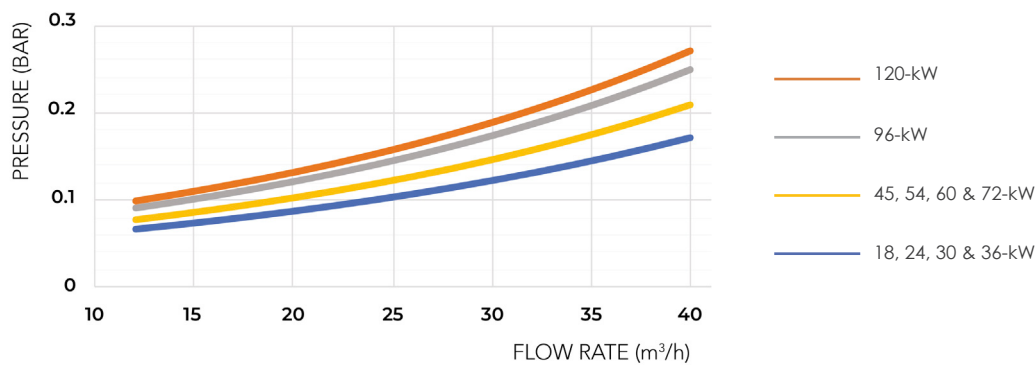
	SPECIFICATIONS
POWER SUPPLY	Three phase
FLOW RATE	Minimum: 12m ³ /h Maximum: 45m ³ /h Recommended: 30m ³ /h
HEATING ELEMENTS	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Analogue: 0 > 45°C 1.2°C differential Digital: 0 > 45°C 0.5°C differential
SAFETY THERMAL CUT OUT	60°C (manual reset)T
FLOW SWITCH	Rhodium tipped reed switch with titanium fulcrum pin
CONTACTOR	Cascade wired dual Siemens contactors for each element bank
SEALS	High temperature special formula EPDM ferrules. HNBR end fitting gaskets
WATER CONNECTIONS	63mm spigot with 2"/63mm stepped ABS unions
INGRESS PROTECTION MARKING	IP 44
FREQUENCY	50/60 Hz
WORKING PRESSURE	4 bar maximum
MOUNTING	Floor or wall mounting



System setup



Pressure drop



Models

PRODUCT CODE		POWER OUTPUT kW	CURRENT	LOAD Amp	DIMENSIONS L	PACKING	NET WEIGHT kg	GROSS WEIGHT kg	VOLUME m³
ANALOGUE	DIGITAL								
V100-18-A	V100-18	18	380-415V 3-Phase*	26	699	1	16.5	19	0.18
V100-24-A	V100-24	24		35	699	1	16.5	19	0.18
V100-30-A	V100-30	30		44	699	1	16.5	19	0.18
V100-36-A	V100-36	36		53	699	1	16.5	19	0.18
V100-45-A	V100-45	45		66	699	1	19.5	22	0.18
V100-54-A	V100-54	54		79	699	1	19.5	22	0.18
V100-60-A	V100-60	60		87	699	1	19.5	22	0.18
V100-72-A	V100-72	72		105	1042	1	19.5	22	0.18
V100-96-A	V100-96	96		139	1042	1	27.8	32.1	0.27
V100-120-A	V100-120	120		174	1042	1	27.8	32.1	0.27

*For voltages other than 400V please add: -380 or -415 at the end of the product code e.g. V100-45-380



Your global partner since 1974. Trusted for superior quality and exceptional innovations.



Head Office

AQUA S.p.A

42018 San Martino in Rio, Reggio Emilia
Italy - Via Crotti, 1
P : +39 0522 695805/85 - F : +39 0522 646160
aqua@aqua.it | www.aqua.it



Branches

AQUA WATER SYSTEMS LTD

Unit 135 Oak Drive Hartlebury Trading Estate,
Worcestershire, DY10 4JB
P : +44 (0)1299 251050, F : +44 (0)1299 253704
sales@askaqua.co.uk | www.askaqua.co.uk

AQUA FILTRACION S.A.

Pol. Ind. Castellbisbal Sud 08755
Castellbisbal, Barcelona
P : +34 (0)93 7711855, F : +34 (0)93 7711772
info@aqua.es | www.aqua.es

AQUA SU ARITIMI SAN. VE MUH. TIC. LTD. STI.

Ferhatpasa Mahallesi Maresal Fevzi Cakmak
Cad. No:45 Pk.34888 Atasehir / Istanbul - Turkey
P : +90 216 661 60 60, F : +90 216 661 68 50
info@aqua.com.tr | www.aqua.com.tr

AQUA S.p.A - POOL DIVISION

46043 Castiglione d. Stiviere, Mantova - Italy
P : +39 0376 671973 - F : +39 0376 940139
infopools@aqua.it | www.aqua.it

AQUA MIDDLE EAST FZC

1J-07/4 and 1J-07/3 - Hamriyah Free Zone
P.O.Box 42585 Sharjah - United Arab Emirates
P : +971 6 526 0563, F : +971 6 526 0564
contact@aqua-me.ae
www.aqua-me.ae

AQUA WATER SYSTEMS INDIA PVT LTD

4A/4B/4C-, Puttappa Industrial Estate
Mahadevapura Post, White Field Road,
Bangalore 560 048
P : 0091 80 4152 1313, F : 0091 80 4152 1414
contact@aquaindia.in | sales@aquaindia.in
www.aquaindia.in



AQUA GROUP RUS

Juridical Address:
107014, Egerskaya str, 1, Moscow, Russia
Residence Address:
127081, Chermianskaya str, 3, Moscow, Russia
P : +7 495 6458078, F : +7 495 969 2413
mail@aqua-italy.ru | www.aqua-italy-ru
www.aqua.it

AQUA GROUP LLC

Office : Regus - Sarayat EL Maadi, Egypt
Management & Warehouse : Plot no 2-2nd service
axe, 2nd Industrial Zone, October, Egypt
P : +20 2 3820 2259 | info@aqua.eg