

# TEMPERATURE CONTROL 14/06

## SFS JOEY (ALL TITANIUM)

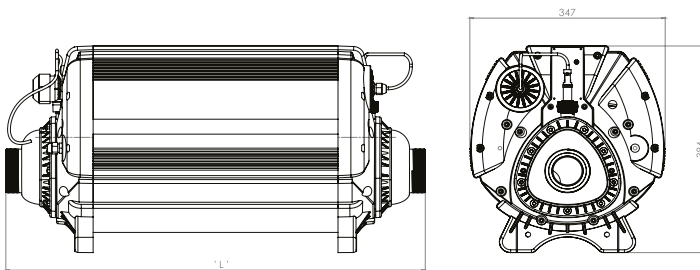
Reliable, accurate and efficient, SFS Joey fully titanium heater by Elecro is the ideal choice for a long lasting heater for any application where water contains high TDS, debris laden water and flow rate is reduced. Ideal for commercial pools.



### ✓ Technical features

- Various power options ranging from 18-kW to 120-kW
- Easy installation, fully equipped and pre-wired
- Robust, durable construction
- Ultra-reliable flow switch allows safe operation
- Fitted with temperature thermostat and overheating sensor
- Compact, durable design
- Analogue control with 1.2°C differential or digital control with 0.5°C differential
- Multi-lingual display
- Titanium flow tube and titanium heating element
- Can be floor or vertically wall mounted
- Vortex, long life, stay clean heating element technology
- 100% efficiency throughout the product life
- Silent operation

### 📏 Dimensions

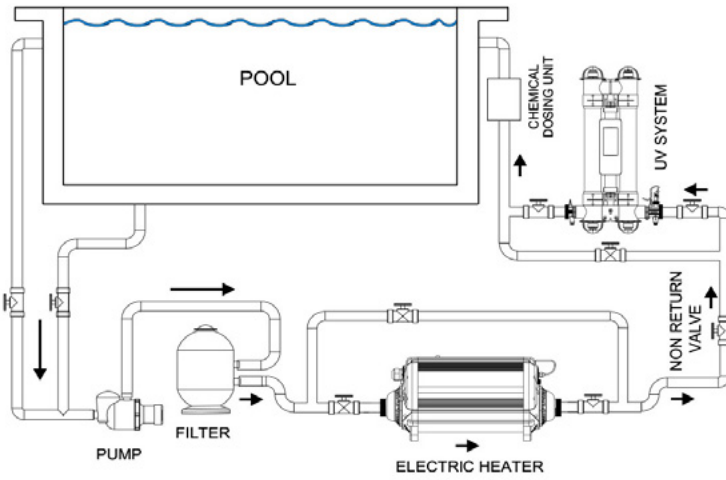


### 👁 Specifications

	SPECIFICATIONS
POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 7m³/h / Maximum flow: 15m³/h / Recommended flow: 8m³/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	65°C safety thermal cut out (auto reset) against enclosure over-temperature 60°C safety thermal cut out (manual reset)
FLOW SWITCH	Rhodium tipped reed switch with titanium fulcrum pin
CONTACTOR	Cascade wired dual Siemens 3RT2023 or 3RT2027 for each element bank
SEALS	High temperature special formula EPDM ferrules, TPE 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

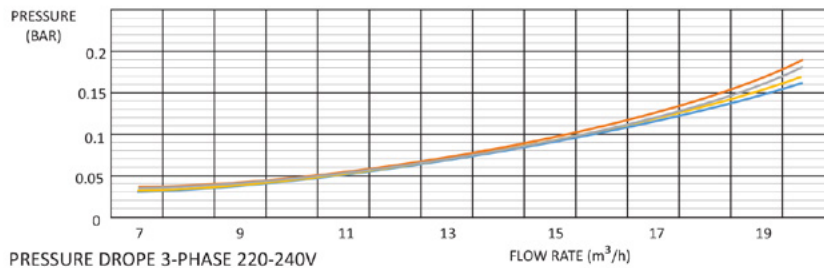
TEMPERATURE CONTROL

## System setup



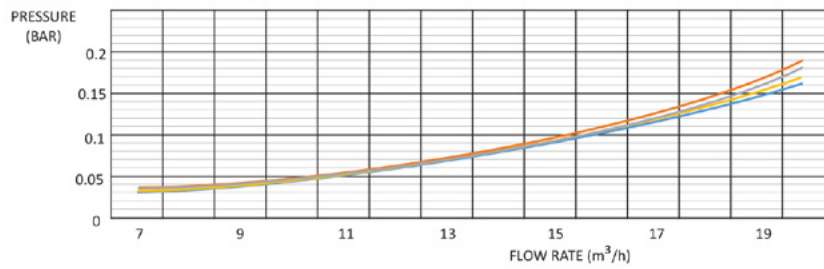
## Pressure drop

PRESSURE DROPE 3-PHASE 380-415V



- 18,24,30 & 36-KW
- 45,54,60 & 72 - KW
- 96-KW
- 120-KW

PRESSURE DROPE 3-PHASE 220-240V



- 18,24,30 & 36-KW
- 45 & 54-KW
- 90 & 72-KW
- 90-KW

## Models

PRODUCT CODE	POWER OUTPUT kW	CURRENT	LOAD Amp	DIMENSIONS L	PACKING	WEIGHT kg	VOLUME m <sup>3</sup>
SFS-18	18	400V 3 phase	26	699	1	26	0.20
SFS-24	24		35	699	1	26	0.20
SFS-30	30		44	699	1	26	0.20
SFS-36	36		53	699	1	26	0.20
SFS-45	45		66	699	1	28	0.20
SFS-54	54		79	699	1	28	0.20
SFS-60	60		87	699	1	28	0.20
SFS-72	72		105	699	1	28	0.20
SFS-96	96		139	1042	1	44	0.28
SFS-120	120		174	1042	1	44	0.28
SFSD-18	18		26	699	1	26	0.20
SFSD-24	24		35	699	1	26	0.20
SFSD-30	30		44	699	1	26	0.20
SFSD-36	36		53	699	1	26	0.20
SFSD-45	45		66	699	1	28	0.20
SFSD-54	54		79	699	1	28	0.20
SFSD-60	60	87	699	1	28	0.20	
SFSD-72	72	105	699	1	28	0.20	
SFSD-96	96	139	1042	1	44	0.28	
SFSD-120	120	174	1042	1	44	0.28	

Note : For other voltages in the 3phase heaters please add -415 or -380 after the code.



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

Jiuridical 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