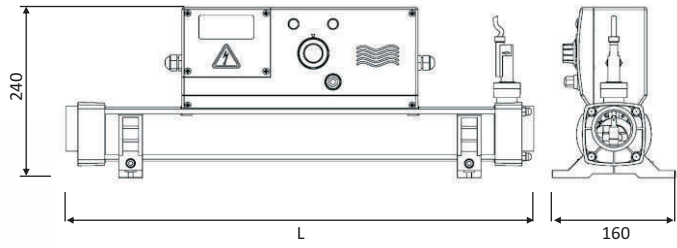
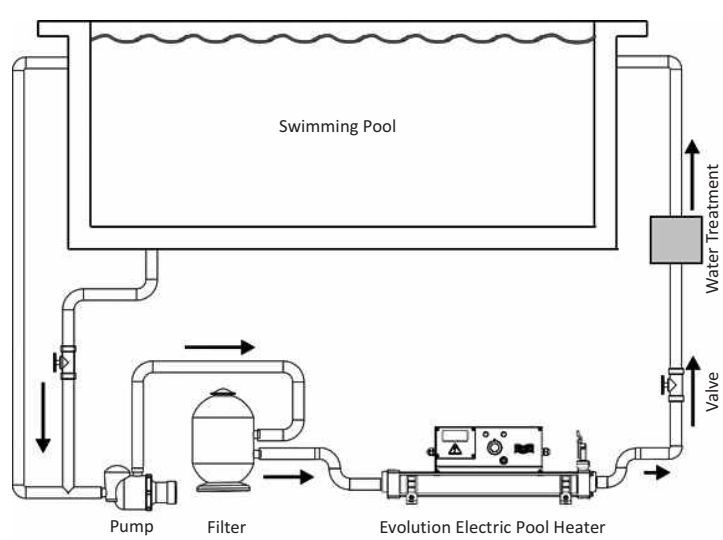




WATER SYSTEMS

## EVOLUTION ELECTRIC POOL HEATER

- Fully equipped and pre-wired including a super sensitive and reversible flow switch, allowing water input from either direction.
- Complete with a control thermostat, safety thermostat and integral contactor relay.
- Very easy to install, requiring only final connection to a mandatory separate RCD.
- Fitted with 1½" BSP female threaded adapters for easy connection to all pipework.
- Supplied with hose tail adapters for connection to flexible pipework, and heater sizes 12kW through to 18kW are also supplied with 1½" BSP unions for connection to rigid pipework.
- Suitable for use with chlorinated pools & are NOT suitable for salt water pools.
- Main Tank Stainless Steel BS316, available with pure Titanium upon request.
- Heating elements: Incoloy 825 or pure titanium on request.
- Control thermostat 0°C - 40°C with 1.5°C differential safety thermostat 50°C.
- Manual reset minimum flow requirement 1,000-litres per hour Maximum Flow Velocity 13,000-litres per hour



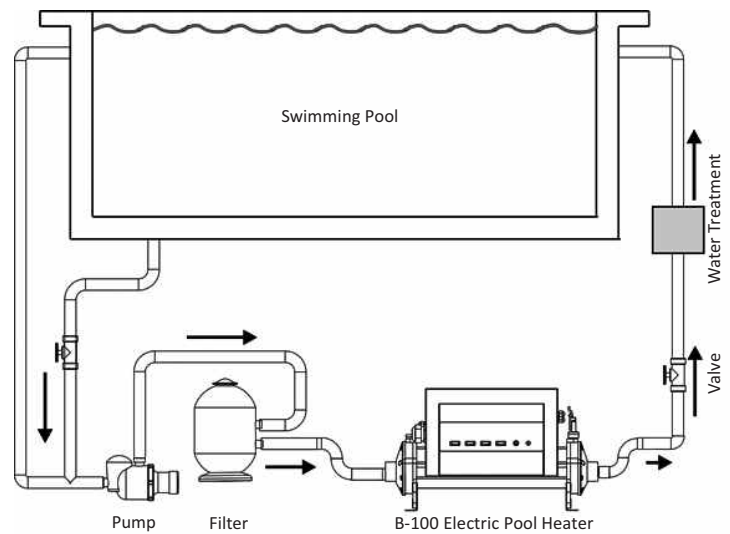
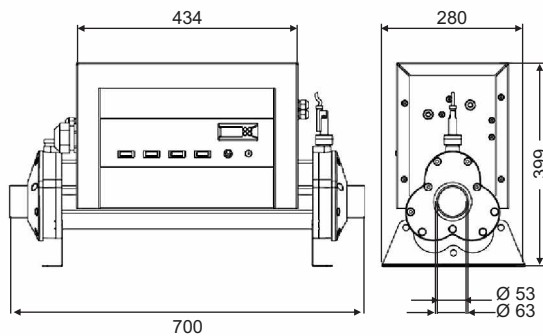
	CODE	POWER	L	PACKING	WEIGHT	VOLUME
		kw	mm		kg	m <sup>3</sup>
230V Single Phase	PHS-030-EV	3	462	1	3.5	0.04
	PHS-060-EV	6	462	1	4	0.04
	PHS-090-EV	9	462	1	4.5	0.04
	PHS-120-EV	12	462	1	5	0.04
	PHS-150-EV	15	592	1	5.5	0.04
	PHS-180-EV	18	592	1	6	0.04

	CODE	POWER	L	PACKING	WEIGHT	VOLUME
		kw	mm		kg	m <sup>3</sup>
400V Three Phase	PHT-060-EV	6	462	1	4	0.04
	PHT-090-EV	9	462	1	4.5	0.04
	PHT-120-EV	12	462	1	5	0.04
	PHT-150-EV	15	462	1	5.5	0.04
	PHT-180-EV	18	592	1	6	0.04
	PHT-240-EV	24	592	1	6.5	0.04



## B-100 DIGITALLY CONTROLLED ELECTRIC POOL HEATER

- Designed for ultimate safety and market leading reliability.
- With two conductors per element bank, cascade wired for ultimate safety.
- All element banks have timers for staged energizing: only a maximum of 24 kW will be energized at any one time.
- Perfect for use on larger pools. Available in outputs from 24-72 kW.
- Multiple heaters can be installed in parallel to achieve greater outputs.
- Supplied fully equipped and pre-wired to ensure easy installation.
- Heating elements: Incoloy 825 or pure titanium on request.
- Flow tube: stainless steel BS-316 or pure titanium on request for total protection against corrosion.
- Flow Switch: to protect equipment when flow stops.
- Multi point temperature detection: For accurate and safe control of the heating process.
- Anti cycle delay protection: Prevents the heater from 'cycle' switching to ensure component life is maximized.
- Indication lamps: Provide clear and easily understandable display of the heaters status.
- Mounting brackets: Ensure the heater can be easily wall or base mounted
- Unique case design: Gives easy technician access for connection, inspection and component replacement.



CODE	POWER	PACKING	WEIGHT	VOLUME
	kw			
PH-24-B100	24	1	23	0.1
PH-30-B100	30	1	24	0.1
PH-36-B100	36	1	25	0.1
PH-45-B100	45	1	26	0.1
PH-54-B100	54	1	27	0.1
PH-60-B100	60	1	28	0.1
PH-72-B100	72	1	29	0.1