

TEMPERATURE CONTROL 14/07 TITAN OPTIMA (ALL TITANIUM)

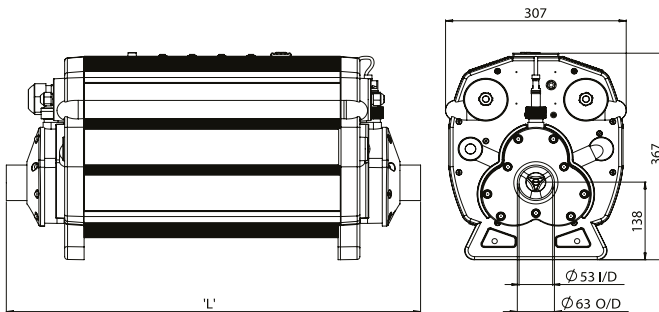
Reliable accurate and efficient, the Titan Optima fully titanium heater is top of the range and comes with a touchscreen display. It is the ideal choice for a long-lasting heater for commercial pools. The design makes it highly robust and durable.



✓ 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
- Supplied with temperature thermostat and overheating sensor
- Compact, durable design
- Touchscreen control with soft-start for power supply protection
- 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



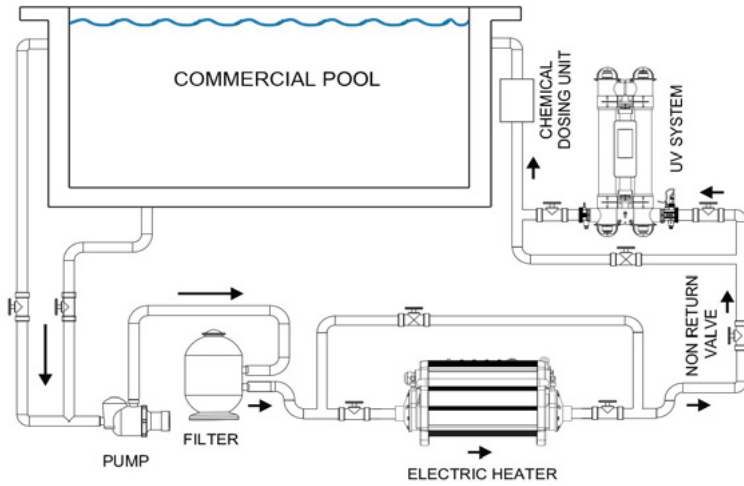
👁 Specifications

	SPECIFICATIONS
POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 12m³/h / Recommended flow: 30m³/h / Maximum flow: 45m³/h
HEATING ELEMENTS	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Touchscreen 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

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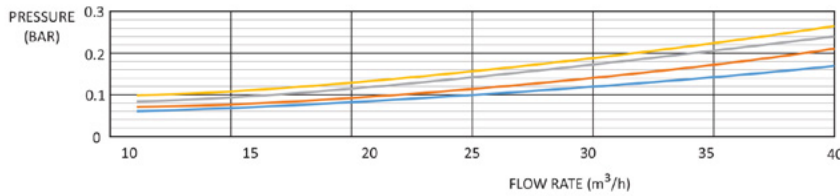


System setup



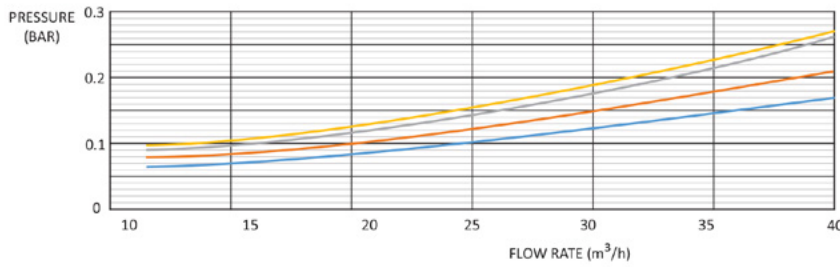
Pressure drop

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 m³
CP-TS-18	18	400V 3 phase	26	699	1	25.8	0.20
CP-TS-24	24		35	699	1	25.8	0.20
CP-TS-30	30		44	699	1	25.8	0.20
CP-TS-36	36		53	699	1	25.8	0.20
CP-TS-45	45		66	699	1	28.0	0.20
CP-TS-54	54		79	699	1	28.0	0.20
CP-TS-60	60		87	699	1	28.0	0.20
CP-TS-72	72		105	699	1	28.0	0.20
CP-TS-96	96		139	1042	1	43.8	0.28
CP-TS-120	120		174	1042	1	43.8	0.28



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