Continued from previous page

Type	Temp. range (°C)	Temp. stability (°C)	Heating capacity (kW)	W×D×H (mm)	Weight (kg)	Pk	Cat. No.
T100	RT* +5...100	±0,05	1,3	120×172×335	2,7	1	**461-0647**
TC120	RT* +5...120	±0,05	1,3	120×172×335	2,7	1	**461-0655**

Description	For		Pk	Cat. No.
Bridge plates				
Bridge plate	connecting "new" T-series Optima™ thermostat onto an "old" plastic P12 or P18 tank		1	**461-0774**
Bridge plate	connecting "new" T-series Optima™ thermostat onto an "old" plastic P5 tank		1	**461-0775**
Bridge plate	connecting "new" T-series Optima™ thermostat onto an "old" stainless steel S12/S18/S26 or S38 tank		1	**461-0776**
Bridge plate	connecting "new" T-series Optima™ thermostat onto an "old" stainless steel S5 tank		1	**461-0777**
Accessories				
Clamp. Alternative to bridge plate allows attachment to vertical sided tanks. Tank can have a maximum wall thickness of 35 mm (rectangular) or 30 mm (circular, up to 30 mm diameter) and a capacity of up to 50 litres. For T100, TC120, TX150 and TXF200 immersion thermostats			1	**461-1001**

*RT = Ambient

Immersion thermostats, advanced, Optima™ TX150 and TXF200
Grant

The Optima™ range of advanced thermostats can be combined with plastic baths, premium stainless steel baths or refrigeration units. The TX150 and TXF200 thermostats feature a full colour QVGA TFT screen displaying actual and set temperature and clear status icons. The QVGA TFT screen, in combination with the easy to use dial and function keys, allows rapid navigation through the intuitive menu system. Both units have RS232 and USB interfaces and can be programmed via remote PC or laptop using Grant's versatile Labwise™ software (optional). Additional features include countdown timer, adjustable over-temperature cut-out, visual, audible and programmable high and low temperature alarms. The TX150 has the capacity to store one program with 30 segments. The TXF200 can also be programmed via the user interface and can store up to 10 programs containing 100 segments. The programming interface includes set target temperature with a choice of time to target temperature or temperature ramp speed and an additional programmable relay for on/off control of ancillary equipment or refrigeration units.

- TX150 temperature range: Ambient +5 to 150 °C. Settable range −50 to +150 °C (operation below ambient requires accessory cooling)
- TXF200 temperature range: Ambient +5 to 200 °C. Settable range −50 to +200 °C (operation below ambient requires accessory cooling)
- Stability: ±0,01 °C at 70 °C
- External PT1000 temperature probe socket
- Offset adjustment for isothermal performance
- Five-point user calibration of internal and external probes (two fixed points and three user defined)

Maximum pump capacities:

TX150 18 l/min, 310 mbar
TXF200 22 l/min, 530 mbar variable speed

Ordering information: Optional clamp allows attachment of thermostat onto virtually any vertical sided bath or vessel, please order separately.

Type	Temp. range (°C)	Temp. stability (°C)	Heating capacity (kW)	W×D×H (mm)	Weight (kg)	Pk	Cat. No.
TX150	RT* +5...150	±0,01	1,9	120×172×345	2,5	1	**461-0663**
TXF200	RT* +5...200	±0,01	1,9	120×172×345	2,5	1	**461-0671**

Description	For		Pk	Cat. No.
Bridge plates				
Bridge plate	connecting "new" T-series Optima™ thermostat onto an "old" plastic P12 or P18 tank		1	**461-0774**
Bridge plate	connecting "new" T-series Optima™ thermostat onto an "old" plastic P5 tank		1	**461-0775**
Bridge plate	connecting "new" T-series Optima™ thermostat onto an "old" stainless steel S12/S18/S26 or S38 tank		1	**461-0776**
Bridge plate	connecting "new" T-series Optima™ thermostat onto an "old" stainless steel S5 tank		1	**461-0777**
Accessories				
Labwise® Control and Analysis software. Includes USB & RS232 cable	GR150, GP200, TX150 and TXF200		1	**461-0223**

*RT = Ambient