



BW/65318 plus BW/65480

High specification example

Model TXF200-ST26, range -15 to 200°C, stability $\pm 0.01^\circ\text{C}$

High specification model with high performance digital thermostat and stainless steel tank for sophisticated applications requiring complex programming and/or ultra precise temperature control.

- Optima™ high performance digital thermostat (TXF200) for ultra precise temperature control
- Stability $\pm 0.01^\circ\text{C}$
- Cooling/heating range -15 to 200°C**
- Full colour QVGA TFT screen
- Easy to program via interface or remote via PC or Laptop using Labwise™ software
- Key functions easily accessed via home screen icons



BW/65312 plus BW/65486

Budget combination

Model T100-P12, range ambient + 5 to 99°C, stability $\pm 0.05^\circ\text{C}$

Economy model with digital thermostatic control unit and plastic tank for straightforward applications requiring accurate temperature control.

- Optima™ digital thermostat (T100) for accurate temperature control
- Cooling/heating range ambient + 5 to 99°C
- Stability $\pm 0.05^\circ\text{C}$
- 3 programmable temperature pre sets
- Low liquid protection and over-temperature cut-out

**operation at or below ambient temperatures requires accessory cooling

Technical specifications	BW/65312	BW/65314	BW/65316	BW/65318
Optima™ thermostats	T100	TC120	TX150	TXF200
Stability (DIN 12876)@ 70°C °C	± 0.05	± 0.05	± 0.01	± 0.01
Uniformity (DIN 12876)@ 70°C °C	± 0.1	± 0.1	± 0.05	± 0.05
Setting resolution °C	0.1	0.1	0.1	(0.01 with Labwise)
Display	4 digit LED		full colour QVGA TFT	
Timer function	–	1 to 9999 mins	1 min to 99 hrs 59 mins	
No. of pre-set temperatures	3	3	3	3
Recalibration points	2	2	2	2
Offset adjustment	–	–	•	•
Socket for external probe (TXPEP, TXSEP)	–	–	•	•
Communications interface	–	–	USB	USB
Programmable	–	–	remote via PC 1 program / 30 segments	direct via user interface or remote via PC/laptop 10 programs / 100 segments
Relays	–	–	1	1
Safety				
overtemperature	fixed		adjustable cut-out	
fluid level – float	•	•	•	•
Alarms	–	•	high and low	high and low
(can be configured to switch a relay)				
Heater power 230 V kW	1.3	1.3	1.9	1.9
120 V kW	1.4	1.4	1.4	1.4
Electrical power 230 V kW	1.4 (50-60 Hz)	1.4 (50 Hz)	2.0 (50 Hz)	2.0 (50-60 Hz)
120 V kW	1.5 (50-60 Hz)	1.5 (60 Hz)	1.5 (60 Hz)	1.5 (50-60 Hz)
Height above tank rim mm	200	200	200	200
Depth below tank rim mm	135	135	135	135
Optima™ thermostat pumps (integral)				
Maximum pressure water mbar		210	310	530
Maximum flow water L/min		16	18	23 (adjustable flow rate)
Pipe bore inlet/outlet mm		6, 11	6, 11	6, 11

Cat. No.	Model	Description
BW/65312	T100	Thermostat digital Optima without clamp
BW/65314	TC120	Thermostat digital Optima without clamp
BW/65316	TX150	Thermostat digital Optima without clamp
BW/65318	TXF200	Thermostat digital Optima without clamp