

MULTI-ZONE HOT WATER QUICK CHANGE SLIDING TRAY TEMPERATURE CONTROL UNIT

BUDZAR INDUSTRIES MULTI-ZONE HOT WATER QUICK CHANGE SLIDING TRAY UNIT provides up to eight (8) independent zones of temperature control, each with its own controls, pumps, heaters, and cooling modes.

Low-Cost, Simple Operation and Maintenance

- Each zone is controlled by a “self-tuning” PLC microprocessor controller
- “At-a-Glance” indicator lights display important operating conditions
- High temperature (300°F) EPDM mechanical seal prevents pump seal failure
- Individual heater case continuous air vents prevent heater burn-out
- Sliding trays simplify maintenance
- Overnight delivery of replacement trays
- Direct Injection configurations for temperatures up to 210°F
- Closed Loop configurations available for temperatures up to 250°F
- System and operator and protected by low-pressure safety switch and relief valve
- Optional modulating cooling control valve eliminates water hammer and solenoid failure

With the smallest footprint possible, the Multi-Zone Hot Water Quick Change Sliding Tray Temperature Control Unit is perfect for processes which require controlling more than one temperature and floor space is at a premium. The sliding tray design eliminates maintenance down time. Should a component fail, the process cooling and electricity connections are disconnected, the failing component is replaced all under one minute without stopping the process.

The replaced component is either repaired on site or the complete tray may be returned to Budzar Industries for an overnight restoration to factory specifications.

Budzar Industries also designs and manufactures specialized equipment for non-standard applications. Our engineers have extensive experience in process chilling and heating applications for such industries as: chemical, defense, energy, extraction, food, medical, pharmaceutical, plastics, rubber, tire, and semiconductor. We take the time to understand your current and future needs and design solutions targeting high quality and fast payback.



EXCELLENT RETURN ON INVESTMENT

- Each Budzar Industries unit is designed to maximize the productivity of your process. Budzar Industries quality and reliability provide excellent value for each dollar invested
- Reliable temperature control improves process consistency, reduces scrap, speeds start-up, and increases production rates

QUICK AND EASY INSTALLATION

- Single point connections for all utilities
- Minimal floor space design makes placement easy
- All units are factory tested prior to shipment

STANDARD FEATURES INCLUDE

- Solenoid Cooling Control Valves
- Pressure Switch
- 15' electrical cord and plug

OPTIONS AVAILABLE

- Electric heater upgrade; 12kw, 18kw, 24kw, 36kw
- Modulating Cooling Control Valve; improves temperature control and extends the life of the valve
- Closed-Loop Heat Exchanger; separates the fluid circulating through the process from your cooling water source. Ideal if source cooling water is dirty or if process temperatures are above 212°F
- Flow Switch; added protection against pump seal failure and heater burn-out by turning off the pump and heater when there is loss of flow
- Pump Seal Flush; extends the life of the pump seal by continuously flushing it with process water (not recommended for dirty water)
- NEMA Twist-Lock Plug



Refer to www.Budzar.com for ISO Certificate with specific details.



**MULTI-ZONE HOT WATER QUICK CHANGE SLIDING TRAY
OPTIONS AVAILABLE**

- 12KW, 18KW, 36KW
- Modulating Cooling Control Valve
- Closed-Loop Cooling Heat Exchanger
- Flow Switch
- Pump Seal Flush
- NEMA Twist-Lock Plugs
- Voltages 460/3/60; 230/3/60; 380/3/50; 415/3/50

	Model ¹	Heater kW ²	Motor HP	Cooling Valve Size	Volt	Per Zone GPM @ 30 PSI ³
Direct Injection Solenoid Valve Cooling 9 kw Heater	2WT-9-.75-.25-DSM	9	0.75	0.25	460	15.0
	2WT-9-1-.25-DSM	9	1.00	0.25	460	22.0
	2WT-9-1.5-.25-DSM	9	1.50	0.25	460	35.0
	2WT-9-2-.5-DSM	9	2.00	0.50	460	50.0
	2WT-9-3-.5-DSM	9	3.00	0.50	460	90.0
Direct Injection Modulating Valve Cooling 9 kw Heater	2WT-9-.75-.25-DMM	9	0.75	0.25	460	15.0
	2WT-9-1-.25-DMM	9	1.00	0.25	460	22.0
	2WT-9-1.5-.25-DMM	9	1.50	0.25	460	35.0
	2WT-9-2-.5-DMM	9	2.00	0.50	460	50.0
	2WT-9-3-.5-DMM	9	3.00	0.50	460	90.0
Closed Loop Solenoid Valve Cooling 9 kw Heater	2WT-9-.75-.25-CSM	9	0.75	0.25	460	15.0
	2WT-9-1-.25-CSM	9	1.00	0.25	460	22.0
	2WT-9-1.5-.25-CSM	9	1.50	0.25	460	35.0
	2WT-9-2-.5-CSM	9	2.00	0.50	460	50.0
	2WT-9-3-.5-CSM	9	3.00	0.50	460	90.0
Closed Loop Modulating Valve Cooling 9 kw Heater	2WT-9-.75-.25-CMM	9	0.75	0.25	460	15.0
	2WT-9-1-.25-CMM	9	1.00	0.25	460	22.0
	2WT-9-1.5-.25-CMM	9	1.50	0.25	460	35.0
	2WT-9-2-.5-CMM	9	2.00	0.50	460	50.0
	2WT-9-3-.5-CMM	9	3.00	0.50	460	90.0

1 - Change the suffix to "T" to denote Modular trays
 2 - 12, 18, 24, 36 kw per zone available
 3 - 50 PSI optional

UNITS AVAILABLE FROM BUDZAR INDUSTRIES



Air-Cooled Outdoor Packaged Water Chiller



Portable Chiller



Standard and Custom Temperature Control Modules



Stationary Hot Oil Unit



Mixer Temperature Control Unit



Tower Tank System