

BANDI TECHNOLOGY



Heating and Cooling Solutions

Refrigerated Circulators

Recirculating Chillers

Heating Bath/Circulators

Immersion Coolers



Optimized Space Utilization: Large volume areas in bath tanks are designed to maximize the use of available space for various industrial or research application



Crisp Visuals: A clear display provides sharp and detailed visual content



Powerful & Efficient Pump: Pump can handle a wide range of fluids like water, solvents, and thermic fluid/oil. They are designed for optimal efficiency, reducing energy consumption and operating costs.



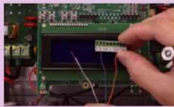
Accessibility: The touchpad provides an accessible input method for users with user-friendly programming options



Versatility: The instrument is designed to be versatile, allowing for both internal and external circulation modes. All components are designed to be compatible with the overall system and assembly.



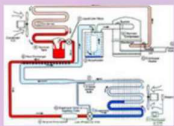
Ergonomic Design: The instrument is designed for easy handling and offers ergonomic shapes and grips that fit comfortably in the hand.



Connectivity: The instrument is compatible with RS485 serial connection for data transmission.



Clutter-Free: Tidy areas are free of clutter, creating a sense of spaciousness and order.



Modular Design: Components are designed to be easily replaceable, simplifying maintenance and reducing downtime. Critical parts are readily accessible, allowing for quick inspections and repairs.



Compact Design: They often feature compact and streamlined designs, minimizing their physical footprint.



Tailored to Specific Needs: Customized solutions are designed to meet unique and specific requirements.



Safe Bath Lid: While secure, bath lids are designed to be easy for operators to open and close, ensuring convenience.

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CTx Series REFRIGERATED CIRCULATOR



Specification	CT9-1010	CT9-2010	CT9-2510-05	CT9-4010	CT12-2020-15	CT20-2010	CT30-1010
Working temperature range (oC)	-10.....100	-20.....100	-25.....100	-40.....100	-20.....200	-20.....100	-10.....100
Temperature accuracy (oC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Display Resolution (oC)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bath Volume (Liters)	9	9	9	9	12	20	28
Bath material	Deep drawn SS	Deep drawn SS	Deep drawn SS	Deep drawn SS	Deep drawn SS	Deep drawn SS	Deep drawn SS
Bath Opening W x L x D (cm)	17 x 10 x 15	17 x 10 x 15	17 x 10 x 15	17 x 10 x 15	17 x 10 x 15	28 x 28 x 15	28 x 28 x 20
Pump Type	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure
Pump Pressure (Max.) (mBar)	300	300	300	500	500	300	300
Flow Rate (Max.) (L/min)	17	17	17	20	20	17	17
Heater capacity (watt)	2000	2000	1000/2000	1000/2000	2000/3000	2000	2000
Refrigerant	R 134a	R 134a	R 404a	R 404a	R 404a	R 134a	R 134a
Cooling Capacity:							
@ 20oC	1000	800	800	600	1500	800	800
@ 0oC	500	400	400	500	1000	400	400
@ -10oC	250	200	200	300	600	200	200
@ -20oC	-	75	120	200	100	75	75
Application	External/ Internal	External/ Internal	External/ Internal	External/ Internal	External/ Internal	External/ Internal	External/ Internal
Supply Voltage	230 V/50Hz	230 V/50Hz	230 V/50Hz	230 V/50Hz	230 V/50Hz	230 V/50Hz	230 V/50Hz
External Temperature Sensor	NA	NA	NA	Optional	Optional	NA	NA
Connectivity	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Inlet & Outlet 1/4" BSP	8mm / 12mm	8mm / 12mm	8mm / 12mm	8mm / 12mm	8mm / 12mm	8mm / 12mm	8mm / 12mm
Dimension W x L x H (cm)	34 x 50 x 61	34 x 50 x 61	34 x 50 x 61	40 x 61 x 64	40 x 61 x 64	40 x 61 x 64	40 x 61 x 69
Weight (Kg)	35	35	35	50	50	45	50