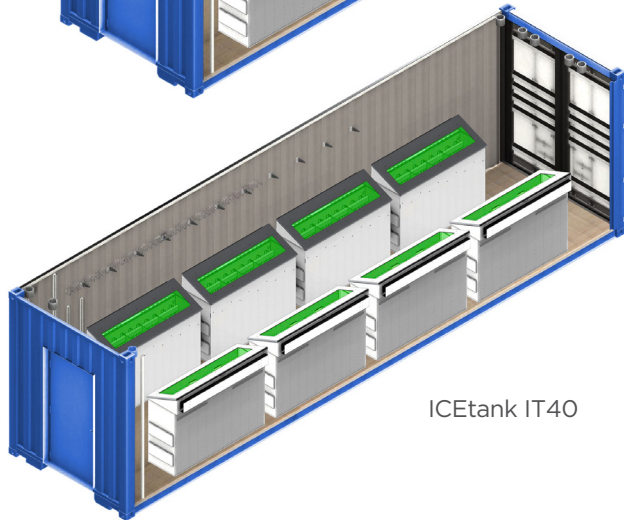
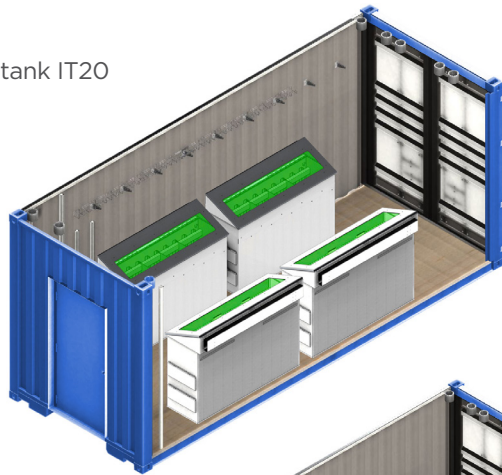


ICEtank IT20



ICEtank IT40

Modularized, Immersion-Cooled Data Center

Quick Deployment in Any Environment

Product Specifications

	IT20	IT40
Number of Immersion-Cooled Racks	4 x 42U	8 x 42U
Number of Coolant Distribution Units (CDU)	2	4
Chillerfree, Warm Water Operation (95° F) Cooling Capacity/Per Rack Density	200 kW/50 kW ¹	400 kW/50 kW ¹
PUE	1.03 to 1.09	1.03 to 1.09
Redundancy ²	Coolant Pumps: 2N, Control System: 2N	
Dimensions (l x b x h)	20' ISO shipping container: 20' x 8' x 9'6"	40' ISO shipping container: 40' x 8' x 9'6"
Approximate weight (not including IT)	25,000 lbs	42,000 lbs

Delivery & Installation

Shipping Lead Time	• 12 to 14 weeks after receipt of purchase order
Shipping Terms	• Ex Works
Installation	• Seven to ten days for the first unit, plus five to eight days for every subsequent unit. GRC service engineer(s) will be onsite to perform installation and training.



Power & Water Specifications

Final Heat Rejection ³	Hybrid Coolers/Cooling Towers
Water Usage-Estimated	1-2 gpm (standard garden hose)
Power Requirements	3-phase 380 to 480 VAC, 50 to 60 Hz

Infrastructure / Site Requirements

- Access to power
- Access to water (not needed for dry cooler variants)
- Grade level concrete pad
- Ongoing water treatment (anti fouling, scaling, corrosion, and microbial)

Features & Options

- Fire suppression
- Air conditioning for technician comfort
- Complete electrical infrastructure with breakers, panels, and power distribution
- Physical security options: Key lock, biometric, or access card
- Backup Power: Standalone UPS and diesel generator modules available

Monitoring and Reporting

Platform	Foresight DCIM: Proprietary, web-based remote/local monitoring and reporting system
Alerts	Configurable email alerts
DCIM / BMS Integration Protocols	BACNET & SNMP
Data Measurements	<ul style="list-style-type: none"> - Heat load - Coolant pressure - Pump speed - Operating temperatures - water and coolant - Operating pressures - water and coolant - Rack temperature - multiple locations - Power consumption - Liquid level - multiple locations - System health, diagnostics, and early fault detection

Warranty⁴

- One-year limited warranty including:
 - 24/7 on-call GRC support staff
 - 24/7 remote monitoring
 - Domestic (US): Three business-day onsite response with parts and labor
 - International: Parts by mail
 - Regular maintenance as required



The Immersion Cooling Authority

³Zero water use options available in climates where the design dry bulb temperature does not exceed 90°F/35°C. Additional costs apply.

⁴Warranty is void if the IceTank units are run outside of their operating parameters defined in the installation specification.

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