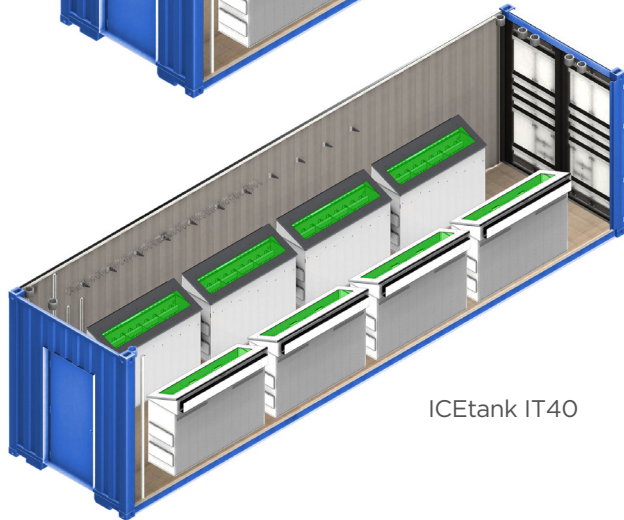
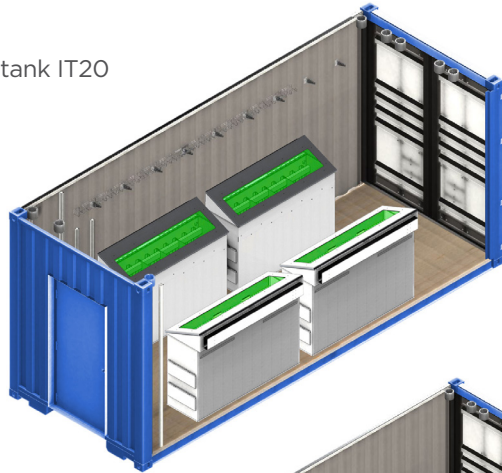


ICEtank IT20



ICEtank IT40

## Containerized, 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)	1	2
Chillerfree, Warm Water Operation (95° F) Cooling Capacity/Per Rack Density	100 kW/25 kW <sup>1</sup>	200 kW/25 kW <sup>1</sup>
PUE	1.03 to 1.09	1.03 to 1.09
Redundancy <sup>2</sup>	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 <sup>3</sup>	Cooling Towers/Hybrid Coolers
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

### 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"> <li>- Heat load</li> <li>- Coolant pressure</li> <li>- Pump speed</li> <li>- Operating temperatures - water and coolant</li> <li>- Operating pressures - water and coolant</li> <li>- Rack temperature - multiple locations</li> <li>- Power consumption</li> <li>- Liquid level - multiple locations</li> <li>- System health, diagnostics, and early fault detection</li> </ul>

### Warranty<sup>4</sup>

- 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*

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

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

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