

# Smart Touch Chiller Control

## Intuitive High-Resolution Display



### Easy Chiller Management

Managing a multi-stage chiller system has never been easier. The Smart Touch Chiller Control is intuitive to use and provides clear indications of current status, operational trends, animated real-time monitoring of the refrigeration circuit, and more.

The high resolution display can be mounted in the chiller system's electrical box or at a convenient remote location, and is available in three screen sizes: 7 in. (178 mm), 10 in. (254 mm), or 13 in. (331 mm).

### Innovative Features

- Increased analog inputs – Monitor important conditions such as water loop glycol level, and utilize dynamic superheat control for improved performance.
- Condenser protection – Monitor differential pressure to protect from catastrophic failures by adjusting the speed of the seawater pump to maintain constant pressure or adjust to proper pressure and receive an alert about a potential problem.
- Alarm messaging – Receive text or email message in real time if a fault occurs (network required).
- Load banking – Works with your generator to keep it running at a healthy and efficient 70-80% operational load by turning on additional stages as required. Eliminates the need for a separate load bank.
- Photographic confirmation – Future integration with room controls that will allow the user to monitor room A/C performance.
- Data logger – Download Alarm Faults and Historical Trend Data onto a USB for analysis.

The Smart Touch Chiller Control works with any Cruisair or Marine Air chiller and can be retrofit to replace an existing Dometic Digital Control (DDC) or Tempered Water Logic Control (TWLC).

### Key Benefits

- High-resolution display
- Intuitive touch-screen operation
- Available in three screen sizes
- Networks to ship management controls via Modbus, CAN Bus, Ethernet, or BACnet
- Remote access through smart phone or computer via internet
- Increased analog inputs for detailed system monitoring
- Alarm messaging via text or email
- Load banking feature eliminates the need for a separate load bank
- Tracks operational trends of system for precise preventive maintenance
- For new chiller systems or replace Dometic Marine DDCs and TWLCs



Quickly set chill water temperature setpoint and monitor water temperature.



Monitor the performance of the electronic expansion valve.

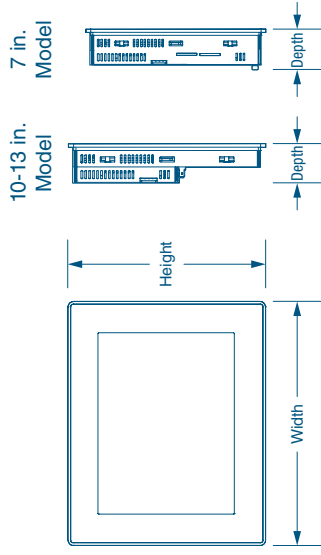


Review historical trend data, and much more.

## Dimensions for Optional Remote Smart Touch Display

Model	13 in. Display	10 in. Display	7 in. Display
Height (in/mm)	10.5/267	9.13/232	5.79/147
Width (in/mm)	13.27/337	11.30/287	7.36/187
Depth (in/mm)	1.65/42	1.65/42	1.77/45
Cutout Height (in/mm)	10.1/256	8.70/221	5.35/136
Cutout Width (in/mm)	12.83/326	10.87/276	6.93/176

## Dimensions



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Specifications and availability subject to change without notice.

Dealer

