

Compact Passport Display

With Passport I/O Microprocessor Control System



The Compact Passport display is an easy-to-use wall-mountable unit available in black or white. The display has an integrated bezel. The display works with Marine Air's Passport I/O microprocessor-based control system to provide precise control and monitoring of direct expansion and chilled water boat air conditioning systems. Passport I/O is dual voltage, operating at both 115 and 230 Volts, 50 or 60 Hz. In chilled water air handlers, the system is referred to as AH-Passport I/O.

The assembly has a ground shield to protect against static interference and RF noise. The circuit board is conformally coated to provide high resistance to external damage or corrosion.

A display cable with gold plated phone-type modular jacks connects the panel to the system controller. An optional air sensor cable is connected to the circuit board in the same manner. Non-volatile memory stores all user-selectable parameters indefinitely during operation or any power failure situations.

Internal self-diagnostic programs provide complete electronic checks of all lights, sensors, keys and circuits. Fused circuits and M.O.V.s (metal oxide varistors) provide component and board protection.

The Passport I/O control meets or exceeds applicable ABYC, U.S. Coast Guard Regulations and CE Directives.

Key Benefits

- Automatic humidity control reduces moisture when the boat is unattended
- Cool-only, heat-only, dehumidify, and automatic mode selection
- New optional electric-heat relay
- Automatic or manual fan-speed selection
- Cycle fan with compressor or continuous fan operation
- Calibration of fan-speed settings and temp display for precise control
- Controls shaded pole and split capacitor fan motors
- Compressor fail-safe protection
- Programmable de-icing cycle
- Built-in air sensor
- Optional remote air sensor
- Dimmable display
- Low voltage for optimum safety

Specifications for Compact Passport Display

Model ⁽¹⁾	Passport Compact
Set Point Temp. Range (°F/°C)	65 - 85/18.4 - 29.5
Display Temp. Range (°F/°C)	5 - 150/-15 - 65.6
Air Sensor Temp. Range (°F/°C)	5 - 150/-15 - 65.6
Sensor Accuracy (°F/°C)	2/77/-16.7/25
Water Inlet Sensor Cable Length (AH-Elite) (ft/m)	7/3
Display Cable Length (ft/m - ft/m) ⁽¹⁾	10/3.1 - 75/22.9
Optional Alternate/Remote Air Cable Length (ft/m) ⁽¹⁾	7 - 60/2.2 - 18.3
Optional Outside Air Sensor Cable Length (ft/m) ⁽¹⁾	7 - 50/2.2 - 15.3
Optional Pump Sentry Cable Length (ft/m)	7 - 60/2.2 - 18.3
Height-Display (in/mm)	2.5/64
Width-Display (in/mm)	3.19/82
Depth-Display (in/mm)	0.94/24
Panel Cut-Out Height (in/mm)	1.875/48
Panel Cut-Out Width (in/mm)	2.5/64

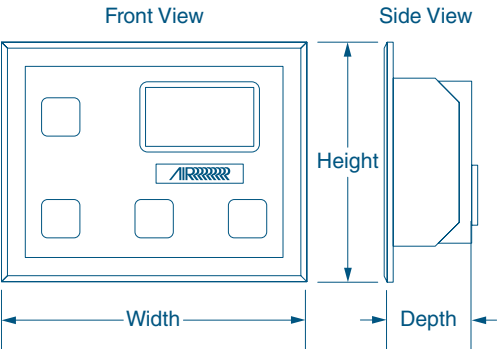
¹ Maximum length is 75 ft. (23 m).
² Bezels sold separately; dimensions may vary depending on style.

Electrical Specifications for Passport I/O Control System

Voltage	Cycle	Compressor Output-Control System ⁽¹⁾	R.V. Output-Control System ⁽³⁾	Fan Output	Heater Output	Pump Output ⁽²⁾
115 or 230	50 or 60Hz	40V	0.25V	6V	30/20V	1/4 HP (0.2kW) 1/2 HP (0.4kW)

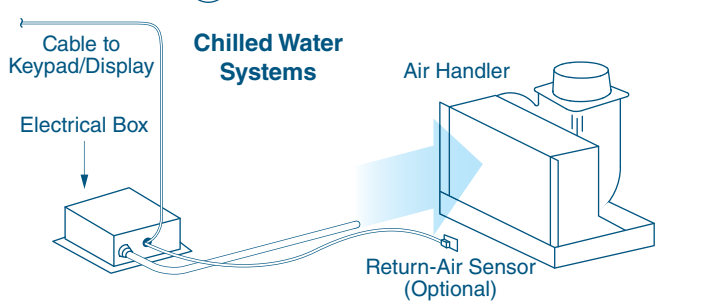
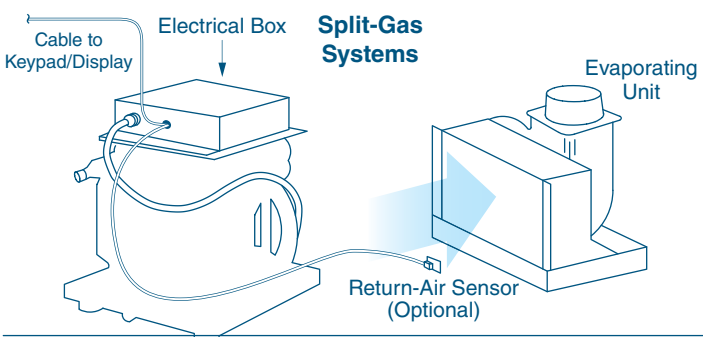
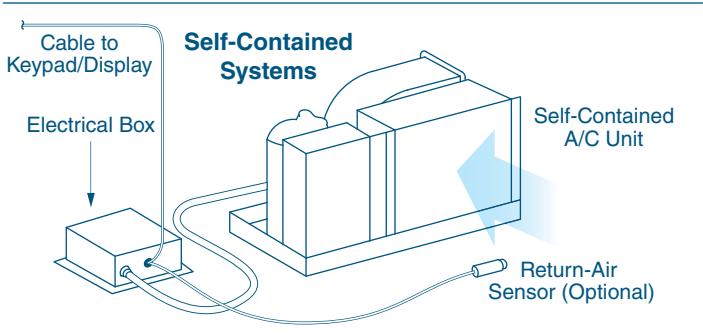
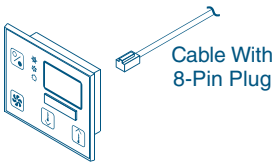
¹ Maximum loads should not exceed 85% of listed output ratings.
² Does not apply to AH-Elite or AH-Passport (for chilled water systems).
³ Used as water valve output for AH-Elite and AH-Passport (for chilled water systems).

Dimensions



Installation

Passport Keypad/display



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CLIMATE

DOMETIC CAPTOUCH CABIN CONTROL

The CapTouch cabin control has a smooth, water-resistant surface with no physical buttons. The easy to read and simple to operate menus provide extensive programming options that maximize system performance based on personal preference.

NO BUTTONS
SMOOTH CAPACITIVE TOUCH

EASY OPERATION
CLEAR LAYOUT OF BASIC CONTROLS

PROGRAMMABLE
INTUITIVE QUICK SETUP
MENU



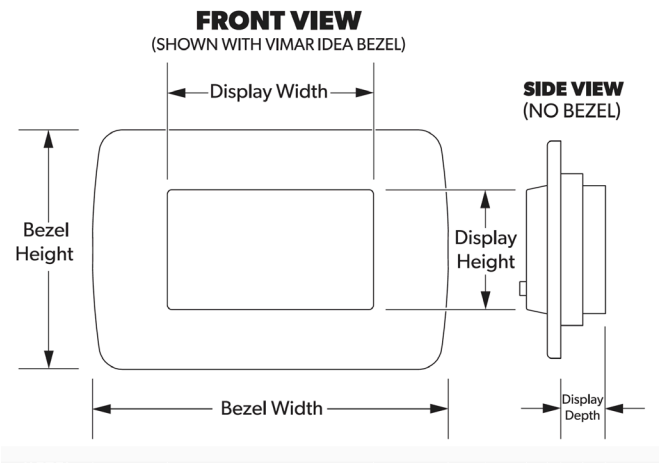
Mobile living made easy.

 **DOMETIC** **OUTDOOR**

CANBUS COMPATIBLE

The CapTouch cabin control is easy to use and offers a water-resistant screen with no buttons to wear out. The capacitive-touch surface is smooth and the control's operational icons feature durable, long-wearing ink. Setup mode is intuitive, with icons and prompts that are easy to understand. The humidity control option decreases mildew and mold onboard by periodically running the air conditioning system to remove moisture—thus improving overall indoor air quality. If you have auxiliary heat onboard, the CapTouch can be configured to seamlessly operate that system, too, for total climate management from a single control.

SPECIFICATIONS	
IDEA BEZEL DIMENSIONS	H x W x D (in/mm)
Display	2.97 x 4.41 x 0.85 in / 75.41 x 111.99 x 21.68 mm
Cut Out	2.25 x 3.45 in / 57.15 x 87.63 mm
Between Mounting Holes	2.36 x 3.82 in / 59.94 x 97.03 mm
Bezel	3.22 x 4.72 in / 82.0 x 120.0 mm
EIKON BEZEL DIMENSIONS	H x W x D (in/mm)
Display	2.86 x 4.45 x 0.94 in / 72.76 x 112.96 x 23.75mm
Cut Out	1.85 x 2.80 in / 46.90 x 71.03mm
Between Mounting Holes	2.20 x 3.78 in / 55.88 x 96.01mm
Bezel	3.73 x 3.73 in / 94.8 x 94.8mm



Key Features

- Smooth capacitive-touch surface with long-wearing ink
- Water-resistant screen
- Easy operation
- Intuitive icons and menus for easy setup
- Canbus compatible for remote access
- Supports humidity control
- Supports auxiliary heat
- Fits Vimar® Eikon and Idea bezels



Capacitive Touch Surface

Long-wearing ink on a water-resistant screen



User Friendly Display

Easy operation with intuitive icons and menus



Total Climate Management

Supports optional humidity control, auxiliary heat, optional maintenance package