

↗ DOMETIC AC AND VENTILATION OTHER



INC1015RD

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⚠ WARNING
Cancer and Reproductive Harm www.P65Warnings.ca.gov

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English

1 Important notes

Please read these instructions carefully and follow all instructions, guidelines, and warnings included in this product manual in order to ensure that you install, use, and maintain the product properly at all times. These instructions MUST stay with this product.

By using the product, you hereby confirm that you have read all instructions, guidelines, and warnings carefully and that you understand and agree to abide by the terms and conditions as set forth herein. You agree to use this product only for the intended purpose and application and in accordance with the instructions, guidelines, and warnings as set forth in this product manual as well as in accordance with all applicable laws and regulations. A failure to read and follow the instructions and warnings set forth herein may result in an injury to yourself and others, damage to your product or damage to other property in the vicinity. This product manual, including the instructions, guidelines, and warnings, and related documentation, may be subject to changes and updates. For up-to-date product information, please visit documents.dometic.com.

2 Related documents



Find the operating manual online on qr.dometic.com/bflrvy

3 Explanation of symbols

A signal word will identify safety messages and property damage messages, and also will indicate the degree or level of hazard seriousness.



WARNING!

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.



NOTICE!

Indicates a situation that, if not avoided, can result in property damage.



NOTE Supplementary information for operating the product.

4 Supplemental directives

To reduce the risk of accidents and injuries, please observe the following directives before proceeding to install or operate this appliance:

- Read and follow all safety information and instructions.
- Read and understand these instructions before installing or operating this product.

The installation must comply with all applicable local or national codes, including the latest edition of the following standards:

USA

- ANSI/NFPA70, National Electrical Code (NEC)
- ANSI/NFPA 1192, Recreational Vehicles Code

Canada

- CSA C22.1 Parts I and II, Canadian Electrical Code
- CSA Z240 RV Series, Recreational Vehicles

5 Safety instructions



WARNING! Electrical shock and/or fire

Failure to obey the following warnings could result in death or serious injury:

- > Use care when diagnosing and/or adjusting components on a powered unit.
- > Use only Dometic replacement parts and components that are specifically approved for use with the appliance.
- > Avoid improper installation, adjustment, alterations, service, or maintenance of the product. Service and maintenance must be done by a qualified service person only.
- > Do not change this product in any way. Modification can be extremely hazardous.

6 Intended use

The Connect Pro Thermostat, hereinafter referred to as the “thermostat” or “product,” provides a central control to manage the climate in your recreational vehicle, hereinafter referred to as the “RV.”

This product is only suitable for the intended purpose and application in accordance with these instructions.

This manual provides information that is necessary for proper installation and/or operation of the product. Poor installation and/or improper operation or maintenance will result in unsatisfactory performance and a possible failure.

The manufacturer accepts no liability for any injury or damage to the product resulting from:

- Incorrect installation, assembly or connection, including excess voltage
- Incorrect maintenance or use of spare parts other than original spare parts provided by the manufacturer
- Alterations to the product without express permission from the manufacturer
- Use for purposes other than those described in this manual

Dometic reserves the right to change product appearance and product specifications.

7 Disposal



Place the packaging material in the appropriate recycling waste bins, wherever possible. Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with applicable national and local disposal regulations.

8 Technical data

Operating temperature range	-10°C ... 65°C
Storage temperature range	-40°C ... 70°C
Operating action	Type 1
Software class	A
Overvoltage category	I
Rated impulse voltage	330 V
Pollution degree	3 indoor
Class	III

8.1 Electrical ratings

Table 1: AT daughter board

Terminal	Description	Rating
P1:1	CMC	5 V, SELV, 1 mA
P1:2	GND	-
P1:3	Vin	12 V, SELV, 3 W
P1:4	High fan out	12 V, SELV, 100 mA
P1:5	Low fan out	12 V, SELV, 100 mA
P1:6	Compressor out	12 V, SELV, 100 mA
P1:7	Heat pump out	12 V, SELV, 100 mA
P1:8	Furnace out	12 V, SELV, 100 mA
P1:9	GND	-

Table 2: AT daughter board ethernet supply (alternate)

Terminal	Description	Rating
P5:2	GMC	5 V, SELV, 1 mA
P5:3	GND	-
P5:4	Vin (alternate)	12 V, SELV, 3 W
P5:5	12 V Switch	12 V, SELV, 3 W

Table 3: LCD (Tesla) board

Terminal	Description	Rating
P5:1	Vin	12 V, SELV, 3 W
P5:2	GND	-
P5:3	CAN_N	12 V, SELV, 3 W
P5:4	CAN_P	12 V, SELV, 100 mA
P5:5	GND	12 V, SELV, 100 mA

Table 4: LCD (Tesla) serial AC (alternate)

Terminal	Description	Rating
P1:1	GND	-
P1:2	CMC	5 V, SELV, 1 mA
P1:3	Vin	12 V, SELV, 3 W

Table 5: LCD (Tesla) IO modem (alternate)

Terminal	Description	Rating
P12:1	GND	-
P12:2	CMC	5 V, SELV, 1 mA
P12:3	VIN	12 V, SELV, 3 W

9 Federal Communications Commission (FCC) notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to give reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or move the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

10 Industry Canada notice

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

11 Warranty

LIMITED WARRANTY AVAILABLE AT DOMETIC.COM/WARRANTY.

IF YOU HAVE QUESTIONS OR TO OBTAIN A COPY OF THE LIMITED WARRANTY FREE OF CHARGE, CONTACT:

DOMETIC CORPORATION
CUSTOMER SUPPORT CENTER
5155 VERDANT DRIVE
ELKHART, INDIANA 46516
1-800-544-4881



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