

AIO™ LCDI Cord 115V 20A

Product Data Sheet



CONTACT INFO

VIP Customer/Technical Support

Email: vip@innova.co

Phone: [\(212\) 204-2700](tel:(212) 204-2700)

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1. READING THIS DOCUMENTATION

Some symbols and language in this guide have specific meanings.

Note: Any reference to “the unit” is meant to refer to the AIO™ Wall Mounted / Wall Mounted Pro unit.

1.1 Icons and symbols

Warnings and Attentions are included throughout this guide. It is essential to read each carefully and follow the instructions stated.

WARNING

Used to advise of a situation or potential situation which, if not avoided, may result in death, serious injury, and/or property damage.



Used to advise of a situation or potential situation which, if not avoided, may result in less than optimum performance of the unit.

2. AIO™ LCDI CORD 115V 15A FOR WALL MOUNTED SERIES

WARNING

Only qualified professionals should install and service this equipment. Improper installation or modifications by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the installation manual and labels attached to the equipment.

3. SPECIFICATIONS

Voltage range	104-126
Hz	50/60
Amps	20A
Cord Gauge	14/3 AWG
Cord Length	90 inches (2286 mm)
Input Blade Type	NEMA 5-20P

4. LCDI CORD CONNECTION



The following section discusses specific components of the AIO™ Wall Mounted units. For details on each component's location, refer to the 'Components' section in the relevant installation manual.

WARNING

- Disconnect all electrical power before making any connections. All electrical connections and wiring **MUST** be installed by a qualified electrician and conform to the National Electrical Code as well as local codes by the authority having jurisdiction.
- **Improper wiring may result in death, serious injury, and/or property damage.**

CAUTION

- Always ensure that the outlet matches the LCDI power plug on the service cord and is within reach of the service cord.
- Do not alter the LCDI service cord or power plug.
- Do not use an extension cord with the LCDI cord.

4.1 AIO™ Wall Mounted and Wall Mounted Pro Gen 1 Units

Follow the instructions below to connect the LCDI power cord:

1. Disconnect power from the breaker.
2. Remove the upper grille.
3. Remove the two (2) upper screws that fasten the front panel and remove the panel, lifting it slightly to do so.
4. Remove the two (2) upper screws that fasten the electrical part cover, and remove the cover.
5. Insert the male connector of the LCDI cord into the female receptacle on the terminal block.
6. Plug the LCDI cord into a properly sized and grounded three-prong electrical power outlet.

4.2 AIO™ Wall Mounted and Wall Mounted Pro Gen 2 Units

To connect this unit with an LCDI power cord:

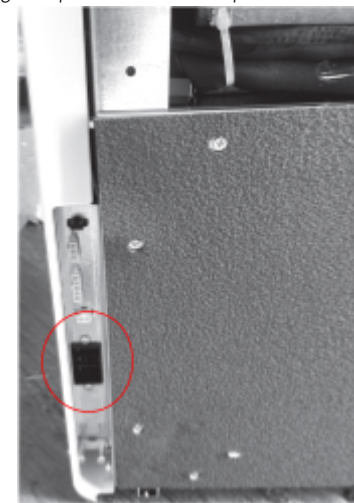
1. Unscrew the Decorative Side Panel on the right side of the unit and set it aside.
2. Plug one side of the LCDI power cord into the power connector on the bottom right side of the unit.
3. Reattach the decorative panel on the right side of the unit.
4. Plug the other end of the LCDI power cord into the power outlet prepared for the unit.
5. Secure all wiring.

4.3 AIO™ Wall Mounted and Wall Mounted Pro Gen 3 Units

To connect this unit with an LCDI power cord:

1. Plug one side of the LCDI power cord into the power connector on the bottom right side of the back of the unit.
2. Plug the other end of the LCDI power cord into the power outlet prepared for the unit.
3. Secure all wiring.

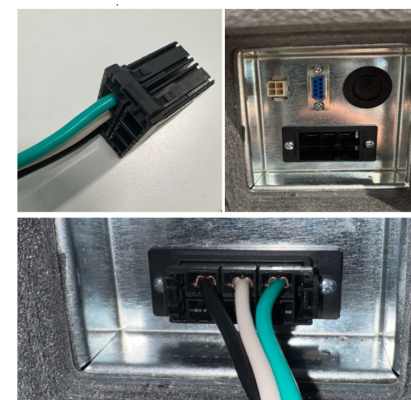
Figure 1. Plug LCDI power cord into the power outlet



4.4 AIO™ Vertical Stack

The LCDI is connected to a port on the rear of the unit.

Figure 2. Quick Connect on the Vertical Stack



5. CORD DETAIL

Figure 3. Cord Detail

60°

2311.4

HEAT SHRINKABLE TUBE
WHITE COLOR

4.7

6.9.8

4.4.8

15A 150V REF.

POWER CORD LABEL

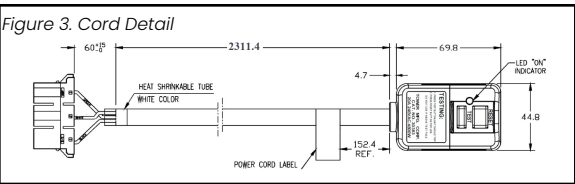
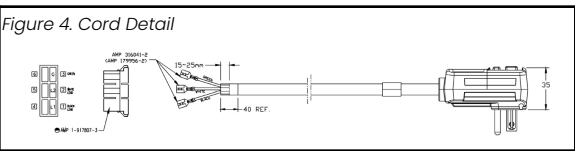
[illegible]

Figure 5. Wire terminal locations

A B

6 3 — GREEN WIRE CAVITY #3

5 2 — WHITE WIRE CAVITY #2

4 1 — BLACK WIRE CAVITY #1

● WIRE TERMINAL LOCATIONS

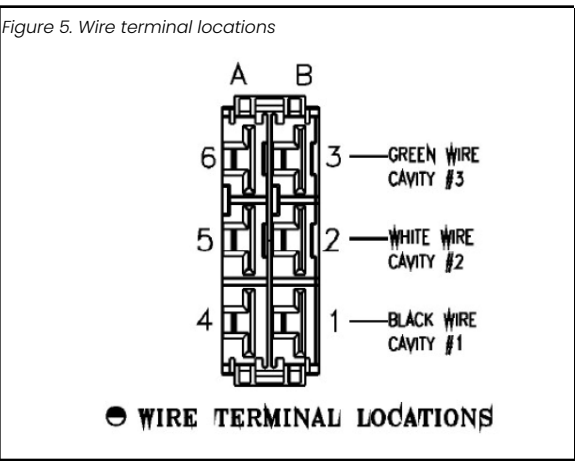
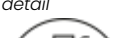


Figure 6. NEMA connector detail



The diagram shows a circular NEMA 5-20P connector. It features three terminals: a ground terminal labeled 'G' with a semi-circular shape, a neutral terminal labeled 'W' with a horizontal rectangular shape, and a line terminal with a vertical rectangular shape.

NEMA 5-20P

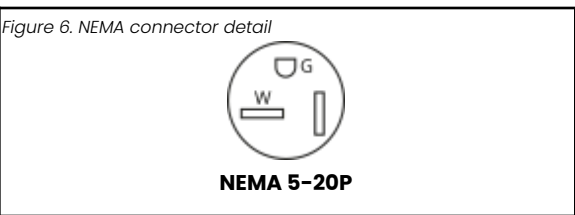
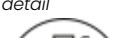


Figure 6. NEMA connector detail



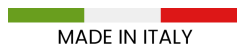
The diagram shows a circular NEMA 5-20P connector. It features three terminals: a ground terminal labeled 'G' with a semi-circular shape, a neutral terminal labeled 'W' with a horizontal rectangular shape, and a line terminal with a vertical rectangular shape.

NEMA 5-20P



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