

Non-fused AC disconnect



⚠ WARNING

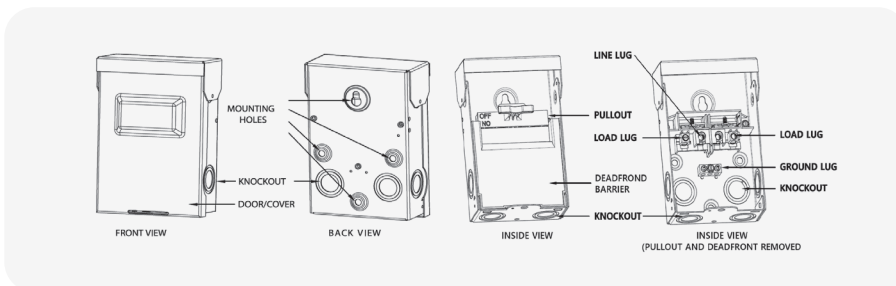
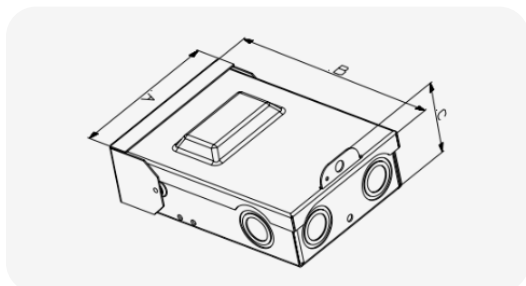
1. Only qualified electricians should install this product. All electrical and grounded connections MUST be in accordance with National Electrical Code and the Canadian Electrical Code, and any applicable local code requirements.
2. Switch OFF the main power supply (at the fuse/ circuit breaker). Always test the feeder cable with a voltage tester before starting work to confirm that the power is disconnected.
3. In case of smoke, or spark emerging from the wire or track, please turn off the power supply to the wire immediately and notify the relevant personnel.
4. Ensure that the electricity supplied from the circuit protection device is compatible with the ampere rating of the air conditioner disconnect.
5. This fixture is designed for use in wet environments but is not intended to be submerged in water.
6. Please inspect the device for probable damages (arising from shipment) before installing and contact ARANI immediately.
7. Please confirm all accessories are included in the box and read the installation instructions carefully prior to installing the fixture.

Product Information

Ordering Code	DP-ACD160NFPO-V1
Model Number	YACD60A
Input Voltage	240Vac
Rated Current	60A
Knockouts	6-1/2" or 3/4" or 1"
Material	Galvanized Steel Body Copper and Aluminum Connectors

Product Dimensions

A	B	C
5-1/8"	7-7/16"	2-13/16"



Installation

1. Open the enclosure

Lift the door/lid and slide it into the retaining slot to keep it open.

2. Remove the pullout

Pull the handle to remove the pullout mechanism.

3. Conduit / cable entry (knockouts)

Route the wiring through the round knockouts located on the sides, bottom, or back of the enclosure.

- Knockouts accept 1/2 in, 3/4 in, and 1 in conduit or cable fittings.
- Remove only the knockouts needed.
- Use a screwdriver and hammer to open them.
- Install properly rated fittings to secure the wiring and protect conductors from sharp edges.

4. Mount the enclosure

Mount the unit using the pre-drilled holes on the back.

- Ensure the enclosure is firmly secured.
- Use appropriate fasteners/washers so hardware cannot pull through the mounting holes or surface.

5. Make electrical connections (LINE/LOAD/GROUND)

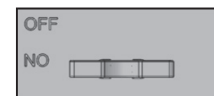
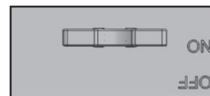
Connect conductors as follows:

- Incoming feeder wires → LINE lugs
- Wires to the air conditioner → LOAD lugs
- Equipment grounding conductor → GROUND lug (below LINE and LOAD)

6. Complete installation

Verify all components are properly secured before energizing.

- Reinstall the dead-front barrier.
- Reinsert the pullout with the "ON" marking facing upward.
- Push fully to ensure proper engagement.
- Close the door and secure the latch.



"ON" Position

"OFF" Position

LUG SPECIFICATIONS (60/75°C AL-CU WIRE)					
WIRE SIZE (AWG)				CONNECTOR TORQUE (LB-IN)	
LINE/LOAD		EQUIPMENT GROUND		LINE/LOAD	EQUIPMENT GROUND
CU	AL	CU	AL		
14	-	14	-	35	20
10 - 12	10 - 12	10 - 12	10 - 12	35	20
8	8	8	8	40	25
6 - 4	6 - 4	6 - 4	6 - 4	45	35
3	3	-	-	50	-