JUPITER UV

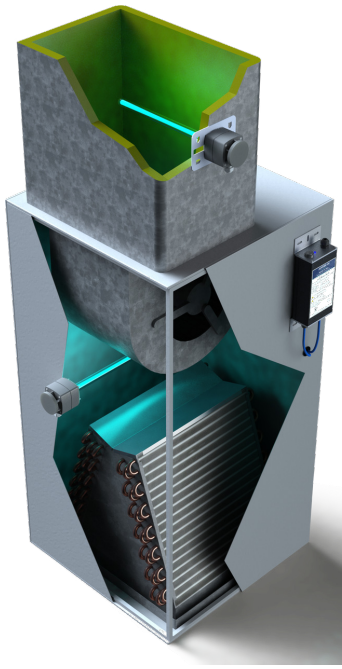
The Air Quality Pros.

INSTALLATION MANUAL

Wahu 15" Dual

Whole-Home UV-C Air Handler System

JUV-WAHU-15D-S





WHAT'S IN THE KIT

- (1) Wahu 15" Dual power supply with integrated label
- (2) UV-C T5 lamps, 357 mm (15"), Standard Output
- (2) UV-rated lamp cables, 6 ft, watertight connectors
- (2) Lamp mount brackets (IP-rated, water-resistant)
- (1) Mounting hardware kit (screws, anchors)
- (1) Warning panel sticker for HVAC access panel

KEY FEATURES

Dual-lamp coverage
Independent lamps to reduce shadows.

All-metal construction
Engineered enclosure built for industrial applications.

Universal 120–250 VAC input
Wide-input range for reliable power.

Multi-color status indicator
Blue = on · Red = fault · Off = no power.

Lifetime power supply warranty
2-year lamp warranty included.

SPECIFICATIONS

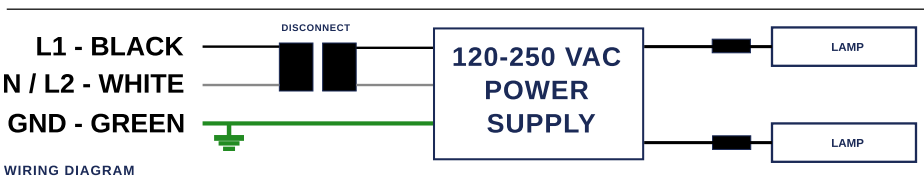
Voltage:	120–250 VAC, 50/60 Hz	**IP:**	IP54
Current:	0.35 A max	**Temp:**	0 – 120 °F operating
Lamps:	T5 UV-C 357 mm, 425 mA, 2 lamps	**Life:**	2 years continuous
Dim:	11.6 × 4.2 × 2.5 in (L×W×H)	**Warranty:**	Lifetime supply, 2-yr lamps

TOOLS REQUIRED

1/4" drive socket · measuring tape · foil/duct tape
voltmeter · wire strippers · 1" sheet metal step bit · duct knife

PRE-INSTALL CHECKS

shut power off at the breaker before work
confirm mounting location clearance



WIRING DIAGRAM

INSTALLATION NOTES

- Splice flying leads using UL-listed connectors
- Install per NEC and local codes
- Lockout/tagout disconnect before opening AHU panel

Designed and assembled in Jupiter, Florida, USA · jupiteruv.com

© 2026 Jupiter UV. All rights reserved. Specifications subject to change without notice.

SAFETY — READ BEFORE INSTALLATION

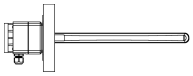
UV-C RADIATION HAZARD
Never view operating lamps. UV-C causes permanent eye damage and skin burns. Disconnect power before opening AHU panel.

ELECTRICAL HAZARD — DISCONNECT POWER
Disconnect at service panel. Lockout/tagout per OSHA 1910.147. Verify with voltmeter — no voltage at AHU disconnect inside cabinet.

- Licensed HVAC technicians only
- Do not energize with the AHU access panel removed

CLEARANCE CHECK

MIN. LAMP DEPTH FROM MOUNT SURFACE

(a) Fiber duct  — 12"

(b) Sheet metal  — 13"

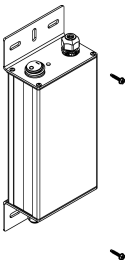
(c) Magnetic  — 17"

INSTALLATION

MAIN SEQUENCE

1. MOUNT THE POWER SUPPLY

→position so switch and status LED are visible
→mount with provided screws

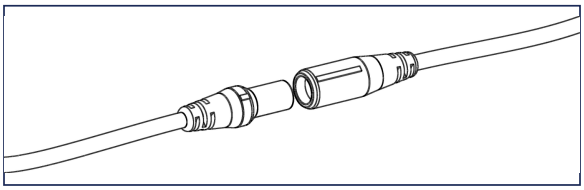


2. MOUNT THE LAMPS → see RIGHT pane

→select a mounting method:
(a) Fiber Duct · (b) Sheet Metal · (c) Magnet Mount

3. CONNECT LAMP CABLES

→route lamp cables to lamp mounts
→align tick marks · push to connect · ensure fully seated



4. CONNECT INPUT POWER

→route input cable through applicable conduit per local code
→terminate connection in approved junction box
Green (Ground)
Black (L1)
White (N for 120V | L2 for 240V)

5. RESTORE POWER AND VERIFY

→restore power at the breaker
→turn power switch to 'ON'
→verify multi-color status LED (see chart below)
→replace AHU access panel

LED STATUS GUIDE

BLUE	Lamps operating
RED	Lamp not detected - check connection
OFF	No power

FINAL STEPS

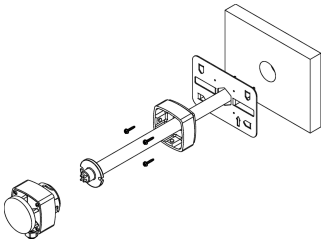
- ☐ Apply included warning sticker to AHU exterior
- ☐ Cover blower and internal wiring (UV protection)
- ☐ Register product to activate warranty

LAMP MOUNTING

CHOOSE ONE METHOD

(a) FIBER DUCT

required for fiber board installation



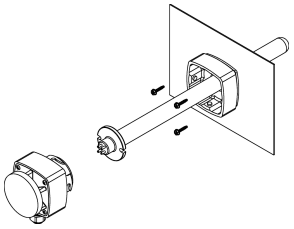
STEP 1 — PREP
→cut 1″×1″ hole in duct

STEP 2 — MOUNT PLATE
→align arrow with airflow direction
→press into duct
→bend long tabs to secure
foil tape recommended for seal

STEP 3 — HOUSING & LAMP
→secure cap to plate (4 screws)
→seat lamp in housing
→slide housing into cap
→rotate CW to lock

(b) SHEET METAL

sheet metal installation

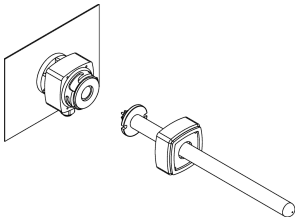


STEP 1 — PREP
→drill 1″ hole in sheet metal

STEP 2 — HOUSING & LAMP
→secure cap to panel (4 screws)
→seat lamp in housing
→slide housing into cap
→rotate CW to lock

(c) MAGNET MOUNT

for internal AHU installation



STEP 1 — PREP
→slit insulation
→magnet onto sheet metal

STEP 2 — INSTALL LAMP
→slide cap over lamp
→seat lamp into base and lock cap

MAINTENANCE

- Replace UV-C lamps every 2 years
  NOTE: Lamps will continue to glow blue even when expired
- Verify status LED is BLUE at each HVAC service visit

WARRANTY & SUPPORT

Lifetime warranty on power supply
For claims, technical support, or replacement parts visit **jupiteruv.com**

[QR CODE]
placeholder
scan to register

© 2026 Jupiter UV. All rights reserved.