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UV-C in Warehouses & Logistics: Protecting people, packages, and productivity

In the world of warehousing, distribution, and logistics, efficiency and cleanliness go hand-in-hand. With constant handling of goods, shared workstations, and rotating shift teams, UV-C sterilization helps prevent the spread of illness and contamination—without disrupting operations.

Why UV-C in Industrial Facilities?

- Kills 99.9% of viruses, bacteria, and mold on surfaces and in the air
- Disinfects packages, tools, equipment, and shared zones without downtime
- Reduces absenteeism, boosts air quality, and supports compliance
- Operates quietly, automatically, and with no added chemicals

Top UV-C Use Cases in Logistics & Warehouse Settings:

1. Package & Pallet Sterilization

- ✓ Use UV-C tunnels or booths to disinfect boxes, parcels, and shrink-wrapped pallets as they enter or exit
- ✓ Ideal for sensitive, high-value, or international goods
- ✓ Supports contamination control in pharmaceutical, food, or electronics logistics

2. Conveyor Belts & Sorting Stations

- ✓ Install UV-C light bars above or beside conveyors for on-the-go disinfection
- ✓ Use UV-C robots or wands to treat rollers, bins, and scanners between shifts
- ✓ Reduces microbial buildup on high-contact surfaces

3. Warehouse Air Systems

- ✓ Add UV-C lights to in-duct HVAC systems to reduce mold, allergens, and airborne pathogens
- ✓ Portable UV-C air purifiers can be stationed near sorting zones, packing tables, or offices
- ✓ Improves indoor air quality and employee respiratory health

4. Employee Break Rooms & Locker Areas

- ✓ Use motion-activated UV-C ceiling or wall-mounted units to disinfect tables, chairs, microwaves, and vending areas
- ✓ Install UV-C in restrooms and locker spaces to prevent mold and bacterial growth
- ✓ Sterilize shared items like radios, time clocks, and touchscreens

5. Shared Equipment & Tools

- ✓ UV-C wands or boxes can disinfect handheld scanners, forklifts controls, safety gear, and touchpads
- ✓ Helps reduce cross-contamination between shifts and team members
- ✓ Preserves the integrity of expensive gear without harsh chemicals

Benefits of UV-C in Warehousing & Logistics:

✓ Healthier Workforce

- Minimizes sick leave due to flu, COVID-19, or respiratory issues
- Reduces spread of illness in high-volume facilities and cold environments

✓ Cleaner Packages & Safer Inventory

- Supports cleanroom protocols and sensitive supply chain demands
- Adds trust and security when handling outbound goods

✓ Efficient, Low-Labor Sanitation

- Devices run automatically—no need for extra staff or manual spraying
- Fast cycles fit within shift changeovers or continuous ops

✓ Cost-Saving & Equipment-Friendly

- Won't damage packaging, electronics, or scanning equipment
- Reduces chemical purchases, PPE use, and downtime

Implementation Tips:

- Start with high-contact points and shared workstations
- Choose rugged UV-C units rated for industrial use
- Schedule daily cycles or automate with motion/timer-based systems
- Communicate UV safety protocols clearly to teams

Conclusion:

In logistics and warehousing, cleanliness isn't just a courtesy—it's part of the supply chain. UV-C sterilization helps you move smarter, safer, and cleaner at every step of the process.

 **Discover industrial-grade UV-C systems at**
www.SolarEvol.com/UVSterilization