

# JELIGHT JFC 412E 12" UV Curing Unit

UV CURING EQUIPMENT



**CURES UV COATINGS  
INSTANTLY ALLOWING  
IMMEDIATE USE OF  
FLOORS**

**CURING AT THE SPEED OF LIGHT®**



## TECHNICAL DATA SHEET

### EQUIPMENT DESCRIPTION

Cure your floor coating projects faster with the Jelight JFC 412E 12" UV curing unit. This powerful and durable unit is perfect for finishing jobs quickly and efficiently. Get your customers in their home or business within hours of the coating application. The Jelight JFC 412E has a fast curing rate of 35-40 square foot per minute! Compare that with the hours/days you'd spend waiting for other products to cure. This investment pays for itself!

### WHY UV TECHNOLOGY

- Designed For Success
- Complete Jobs Faster
- Up to 5x the Strength of Other Coatings on the Market

### JELIGHT FEATURES

- Instantly Cures ProCoat® RadCoat® On-Site UV Finishes
- Includes a hard case with wheels & fits inside a small car
- Lightweight & easy to move around
- Plugs into any 120-volt outlet
- Ensures the perfect cure with a built-in speed readout
- Allows for complete curing up to the edge of the wall
- Includes a safety kit - UV protective suit & UV warning sign

### EQUIPMENT USES

- Recommended for use on residential, commercial, and institutional floor finishes
- Designed to cure Radcoat® site-applied waterborne coatings

### MACHINE SPECIFICATIONS

CURE PATH	12 inches
WATTS	1500 watts
VOLTS	120 volts
WEIGHT	40 lbs.
SIZE	21
CURE RATE	35-40 sq ft/minute

### RADCOAT® UV FINISHES



RADCOAT® RX

RADCOAT®  
ENCAPSULANT

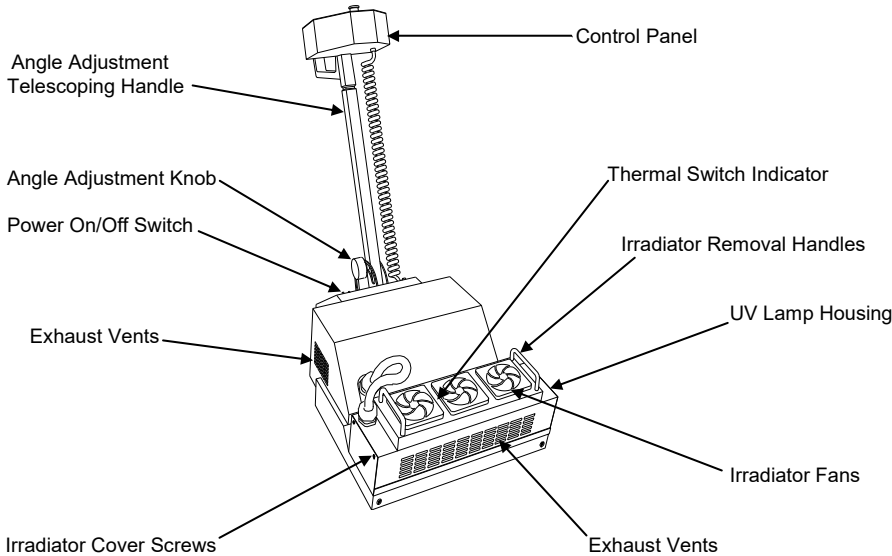
RADCOAT®

All RadCoat® UV finishes available in 6 different sheens: Gloss, Semi-Gloss, Satin, Designer Satin, Matte, Ultra Matte

**FOR TECHNICAL ADVICE CONTACT (800) 962-0344**



## APPLICATION PROCEDURES



## CURING PROCEDURES

- RadCoat® is an onsite ultraviolet coating that requires a UV curing unit with a mercury lamp emitting 400 mj/cm<sup>2</sup> minimum.
- Point of cure (P.O.C.) is when the coating is within one point of original moisture reading. e.g.: (moisture 8/P.O.C. 9) This is usually achieved within 2-4 hours of dry time.

After the above criteria are met, the coating is ready for the curing process.

- **CAUTION: DO NOT CURE WET OR DAMP COATINGS OR WALK ON UNCURED COATINGS.**
- To start the curing process, set the curing unit on an adjacent door way.
- Start curing unit and slowly move into coated area, curing an area in the doorway large enough to move around freely in one direction. Once landing pad (LP) is cured, you are ready to begin curing the rest of the job.
- Start curing down the closest wall to the LP with Rate of Cure (ROC) of 25 linear feet per minute.
- Once at the end of the cure pass, walk backwards to LP with UV unit on, ensuring a thorough cure of each pass.
- Overlap each pass by 2-4 inches to ensure there are no skips in the curing process.

## RECOMMENDED SYSTEMS

### Newly Sanded Floors

Apply 1 coat of Splashdown Wood Sealer, 1-2 coats AquaPro™, 1 coat of Radcoat®.

### Coating Over Stains

Allow stain to dry per manufacturer's directions or longer depending on atmospheric conditions. A test area is recommended to ensure compatibility with stain.

### Recoating Existing Surfaces

Abrade with appropriate screen or conditioning pad. Apply 1-2 coats of Aqua-Pro™ & 1 coat RadCoat®. When recoating existing surfaces, compatibility must be determined by applicator.

### CONCRETE

Apply 1 coat of Radcoat® as a sealer **OR** Apply ProCoat® Acryashield with 1 coat of Radcoat® for top coat.

## MAINTENANCE CARE

Vacuum and mop the floor regularly with ProCare® Citrus Floor Cleaner. This cleaner leaves no film or sticky residue. It is safe around kids and pets. Detailed maintenance instructions are available at [www.procoatinc.com](http://www.procoatinc.com).



SCAN TO SHOP PROCARE®  
CITRUS FLOOR CLEANER  
available at  
**amazon**

## WARRANTY

If ProCoat® products are proved defective, the user's exclusive remedy will be at ProCoat's® option to replace the defective ProCoat® products or to refund the purchase price for the defective quantity. Except for the replacement or refund remedies, ProCoat® is not liable for direct damages or liable for indirect, incidental or consequential damages, regardless of the legal theory asserted, including negligence and strict liability.

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**PRO COAT**  
Hardwood Floor Coatings and Specialty Products