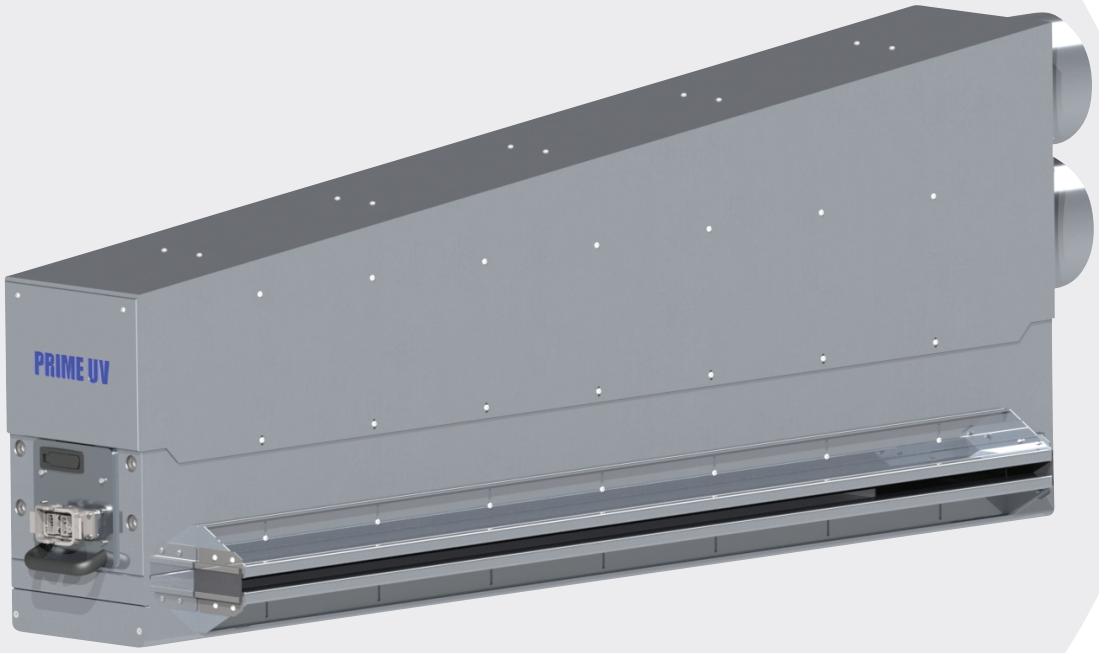
PRIME UV IR

Creating a world of possibilities

RADMAX

UV CURING SERIES

MAXIMUM UV CURE POWER | HIGHEST PROCESS THROUGHPUT



HIGHEST CURING SPEEDS:
2800 FPM - 14 MPS

WIDEST WEB WIDTHS:
UP TO 3 METERS

CED - CONSTANT UV ENERGY
DELIVERY SYSTEM

PRIME UV IR

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UV CURING SERIES

Web Applications and a Variety of Industrial Applications

Engineered to cure UV Chemistry at highest throughput speeds in the most demanding process environments, Prime's RADMAX UV Series provides printers and convertors the ability to run a full range of substrates. Prime's RADMAX UV Series provides exceptional performance for the widest and highest speed applications. Prime's RADMAX UV Series provides maximum UV energy enabling printing, packaging and converting industries to maximize their ROI.

Applications

- Packaging
- Converting
- Direct Mail
- Newspaper
- Magazines
- Book Printing
- Industrial

Positive Pressure Air Filtration System

- Optimizes performance of UV System
- Reduces energy consumption

High Intensity UV Lamps

- Auto-adjusts: 125 - 600 wpi (50-240 wpc)
- Cure UV speeds up to 2,800 fpm (850 mpm)

Options

- Positive Pressure
- Nitrogen Inerted UV
- Chilled Plate or Roller
- PLC Type (Siemens, A-B)
- Power Drivers
- UV Lamp Types
- UV Reflector Types
- CED - Constant Energy Delivery

Specifications

UV Type	UV Arc Lamp
Cooling Method	AIR-VFD
Max Power Up to 78.7" (2000 mm)	600 wpi (240 wpc)
Max Power Up to 118.1" (3000 mm)	400 wpi (160 wpc)
Power Levels	4/6/8 or 1%
Power Driver Type (See Below)	EM, CFB, EL
Lamp Type/Emission Range	HG, FE, GALN
Reflector Types (See Below)	OR, HR, DR
Remote Access Maintenance	Yes
UV Measurement	Continous / Spot
PLC - Standard	Beckhoff
HMI Type	Prime Premier (7") Prime Premier XL (16")
CED Control Option	Closed Loop Constant UV Energy Delivery

EM = Electro-Magnetic Ballast
CFB = Controlled Ferroresonant Ballast
EL = Electronic

HG = Medium Press Mercury
FE = Iron Additive
GALN = Gallium Additive

OR = Optimum Reflectivity
HR = Highest Reflectivity
DR = Dichroic

VFD = Variable Frequency Drive