

# MODULAIR® Air Flotation Dryer



*High Productivity, Flexible Design and Economical Cost*



**T**he MODULAIR dryer from MEGTEC Systems combines economical design, robust construction, easy operation and simplified maintenance in a high-performance web drying system. Modular engineering plus a choice of air bars and options provide the flexibility to meet the requirements of many web applications. When economy and reliability are important, the MODULAIR dryer is the right choice.

The MEGTEC MODULAIR dryer was carefully designed to meet the flotation drying needs of coating and converting processors worldwide. The MODULAIR dryer features economical modular design with efficient, reliable flotation drying.

*The bottom line is process knowledge*

# MODULAIR®

## Air Flotation Dryer

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### Compact, Space-Saving Design

The MODULAIR dryer has a very small footprint when compared with other styles of process dryers. Air handling equipment is mounted on the top section of the enclosure with a vertical fan arrangement. Required floor space is minimized. The unit is only slightly wider than the designated web width.

### Advanced Modular Engineering

Each MODULAIR dryer is a self-contained unit, a dryer design concept MEGTEC pioneered. Individual modules are available in four standard lengths and in web widths up to 95 inches (2400 mm). MODULAIR dryer units can be joined to produce additional length, as well as to permit integrated multiple-zone configurations. Standard nozzles include MEGTEC's 1x and 2x HI-FLOAT and STEPFOL air bar systems.

### High Process Productivity

Each module features integrated air handling with internal return air management. Two-sided flotation with symmetrical air flow provides superior web stability. Internal dampers allow precise control of return air flow to ensure maximum drying uniformity.

### Economical Installation

Units are preassembled, prewired, and prepiped at the factory. No interconnecting ductwork is required. The modules are inexpensive to ship and install in minimum time. The compact size also reduces platforming costs.

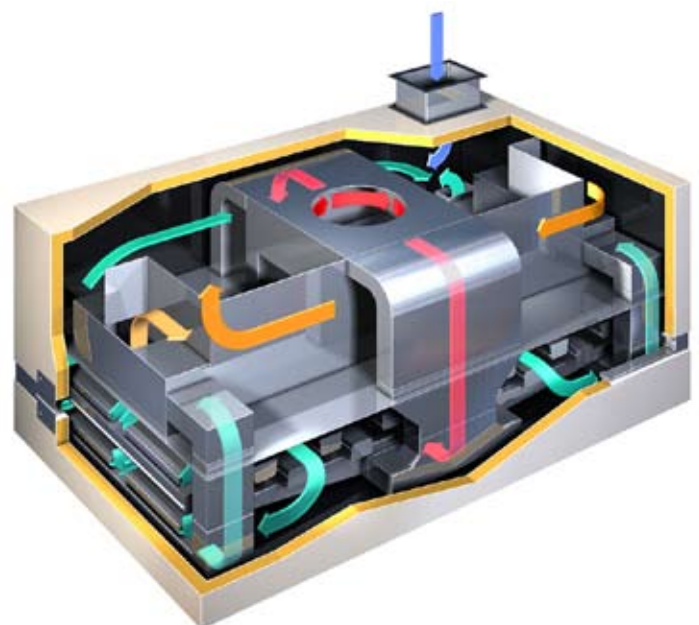
### Easy to Operate/Easy to Maintain

Planar screwjack retraction simplifies webbing up, cleaning operations, and maintenance. Gas-fired units include high-efficiency burners that feature

5-minute heat-up and enhanced turndown functions. Standard 4 inch (100mm)-thick insulation ensures thermal efficiency. Each unit is equipped with its own VFD-controlled, belt-driven fan.

### Performance Benefits

- Ultra-compact size
- Modular design
- Effective drying
- Superb web stability
- Economical price
- Low operating costs
- Easy maintenance
- CE-approved components



*Red = Supply Air*

*Green = Recirculation Air*

*Orange = Exhaust Air*

### Specifications

Modular Lengths of 10 ft (3 m), 13 ft (4 m) and 16 ft (5 m), 20 ft (6 m)

Web widths of 33" to 95" (840 mm to 2,400 mm)

Design nozzle velocity of 7,874 fpm (40 m/s)