

# Indirect-Fired Air Turnover Units

- Durable unit casing: 16 gauge galvanized casing fastened to welded steel framework.
- Large air capacity regardless of static pressure: Narrow blade design allows higher static pressures without significant reduction in air capacity.
- Easy access for maintenance.
- Longer component life: Primary heat exchanger constructed of stainless steel. Stainless steel secondary tubes also available.



**1.800.536.3461**



# RAPID™ 7500-Series

RAPID™ 7500-Series air turnover units can minimize heat stratification problems by drawing in cooler air from the floor, warming it and re-circulating it throughout the area.

RAPID™ 7500-Series air turnover units are indirect-fired units utilizing heavy-duty, belt driven propeller blade fans to move vast quantities of air quietly and efficiently. These units help to produce a comfortable, evenly heated space.

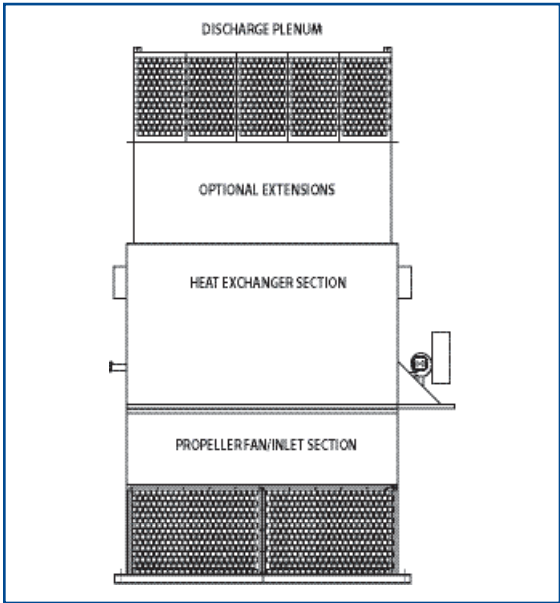
NOTE: All models are available in an upright indoor configuration only.

Model	7500-136	7500-148	7500-154	7500-236	7500-242	7500-248	7500-254	7500-260	7500-272
CFM	4,500 - 12,000	10,000 - 16,000	14,000 - 30,000	9,000 - 24,000	21,000 - 31,000	22,000 - 45,000	40,000 - 65,000	54,000 - 74,000	62,000 - 100,000
Output [MBH]*	240 - 750	240 - 750	240 - 1,250	240 - 1,000	240 - 1,250	240 - 1,500	560 - 2,500	600 - 4,000	600 - 4,500

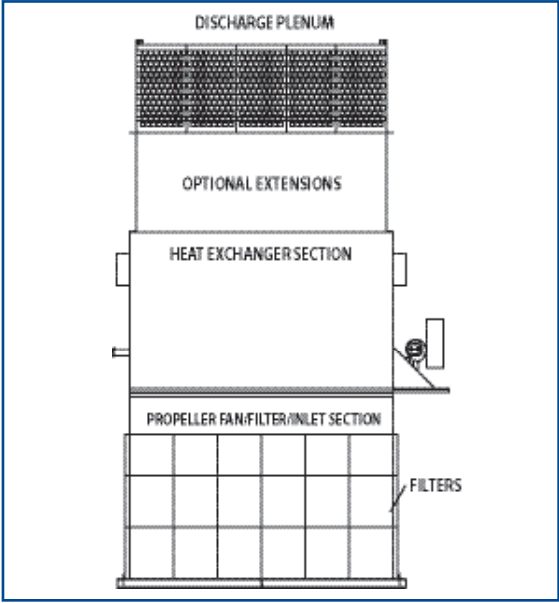
\*1 MBH = 1,000 Btu/h

## Configurations

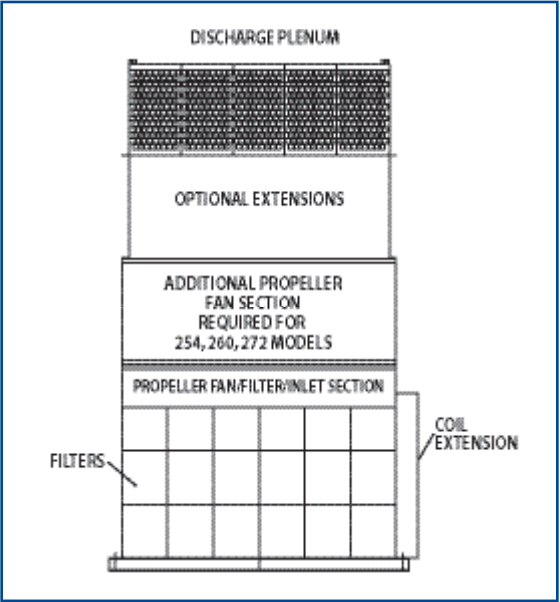
### Heating Unit



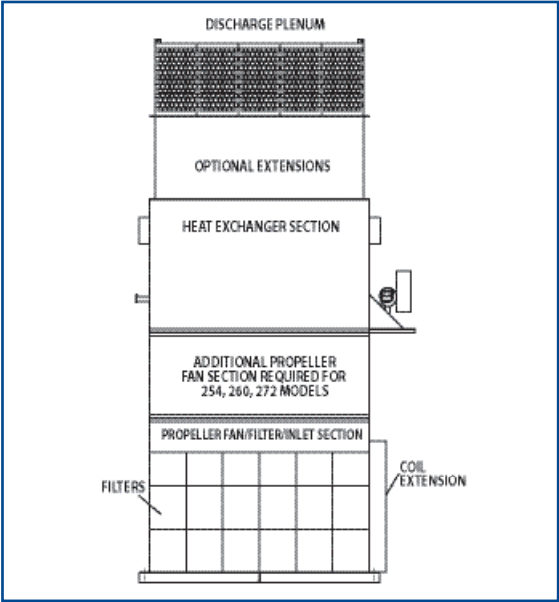
### Heating Unit with Filtration



### Cooling Unit with Filtration



### Heating/Cooling Unit with Filtration



# RAPID™ 7500-Series Features

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## Reliable, Efficient System Operation Provided by:

- Single or multiple belt-driven propeller fans.
- Mounting and wiring of all necessary operating starters, relays, switches, controls and fuses.
- Screened inlet and discharge plenums.
- ODP NEMA-rated motors in 208, 230 or 460 V.
- Full-floating heat exchanger.
- Variable pitch driver pulley.
- Double wall heat exchanger section.

## Long Lasting Construction Provided by:

- Heavy steel modular-welded construction.
- Galvanized steel panels.
- Lifting channels.
- Stainless steel primary heat exchanger.

## Ease of Maintenance Provided by:

- Full access to all compartments.
- Use of major brand components to simplify field service.

## Other 7500-Series Options:

- Stainless steel secondary tube.
- Gas, oil or combination gas/oil burners.
- Vibration isolators - spring or neoprene.
- TEFC and high-efficiency motors.
- FM, IRI or special code requirements.
- High gas pressure regulator.
- 48" field-assembled extensions.
- Fused main disconnect switch.

## 7500-Series Conventional Controls' Options:

- Remote control stations.
- Mounted return air thermostat.
- UL label on control panel.
- Room Thermostat.
- Night Setback Thermostat with time clock option.

## RAPID™ 7500-Series Optional Filtration and Cooling Packages

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### Filtration

When filtration is required, RAPID™ 7500-Series air turnover units offer various filter types. Aluminum mesh permanent filters, 30% efficient pleated type filters and 30% efficient polyester filters are available. Easy loading filter racks allow for quick filter replacement.

### Cooling

For applications requiring temperature and humidity levels lower than the performance parameters available with outdoor air alone or with evaporative cooling, RAPID™ 7500-Series air turnover units offer a broad range of cooling options.

Cooling options can be added by simply installing coil sections equipped with the appropriate cooling coils and a condensing unit or chiller. The versatility afforded by the coil section enables you to utilize DX refrigerant, chilled water or other types of cooling coils in your system.

# Thank You for Your Business!

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## **Installation Code and Annual Inspections:**

All installations and service of RAPID™ products must be performed by a contractor qualified in the installation and service of products sold and supplied by Rapid Engineering and conform to all requirements set forth in the Rapid Engineering manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment. To help facilitate optimum performance and safety, Rapid Engineering recommends that a qualified contractor annually inspect your RAPID™ products and perform service where necessary, using only RAPID™ replacement parts.

**Further Information:** Applications, engineering and detailed guidance on systems design, installation and product performance is available through RAPID™ representatives. Please contact us for any further information you may require, including the Installation, Operation and Service Manual.

**This product is not for residential use.**

This document is intended to assist licensed professionals in the exercise of their professional judgement.

## **Rapid Engineering**

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