

ADDISON™

AAT-SERIES INDIRECT-FIRED AIR TURNOVER UNITS



- **Durability:**
16 gauge galvanized unit 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.

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AAT-SERIES

ADDISON™ AAT-SERIES AIR TURNOVER UNITS HELP MINIMIZE HEAT STRATIFICATION PROBLEMS.

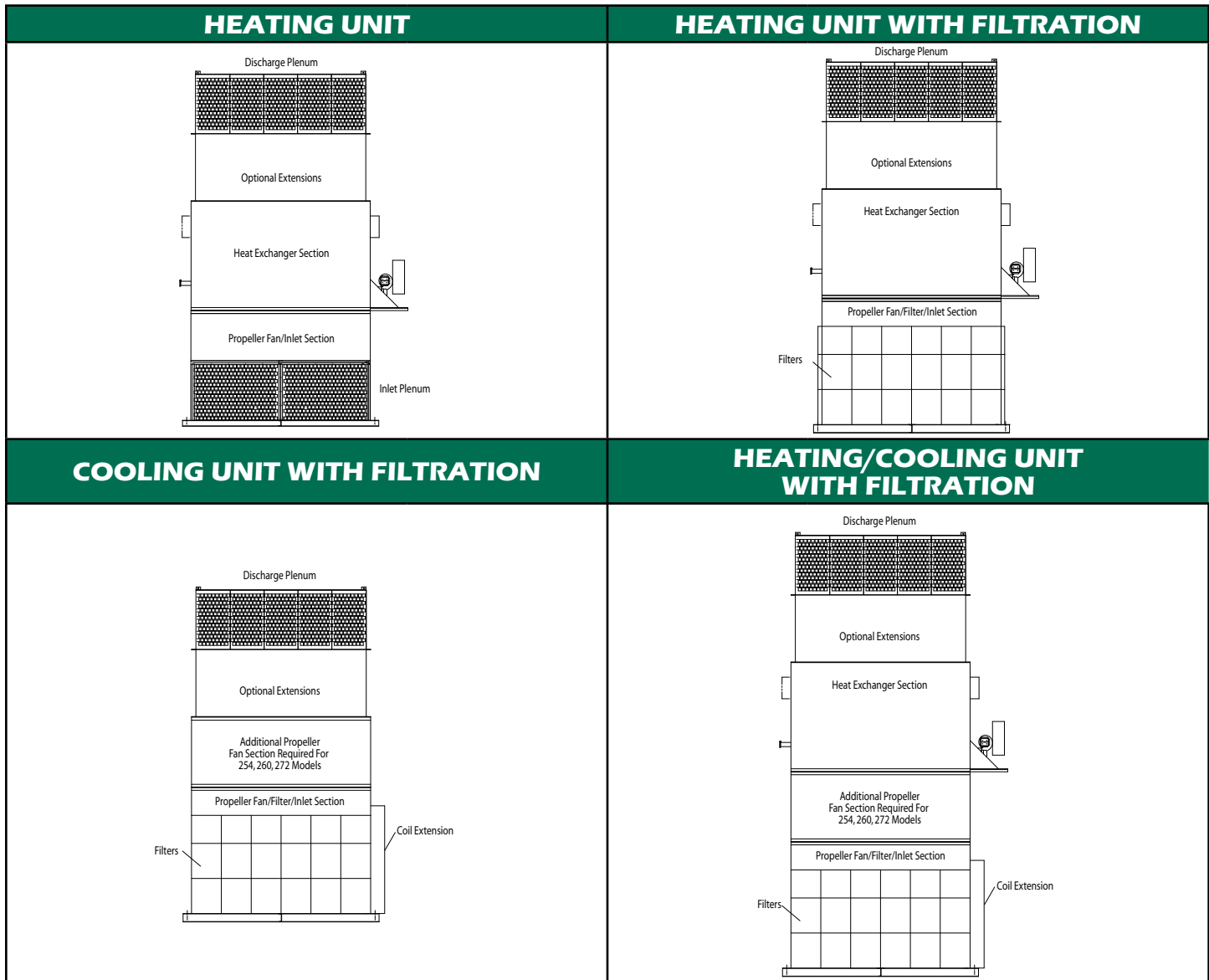
ADDISON™ AAT-Series air turnover units are indirect-fired units utilizing heavy-duty, belt-driven propeller blade fans to move vast quantities of air quietly and efficiently. These units draw in cooler air from the floor, warm it and re-circulate it throughout the area, helping produce a more comfortable, evenly heated space.

NOTE: Models are available in an upright indoor configuration only.

| MODEL | AIRFLOW (CFM) | OUTPUT (BTU/H) X (1000)* |
|----------------|------------------|--------------------------|
| AAT-136 | 4,500 - 12,000 | 240 - 750 |
| AAT-148 | 10,000 - 16,000 | 240 - 750 |
| AAT-154 | 14,000 - 30,000 | 240 - 1,250 |
| AAT-236 | 9,000 - 24,000 | 240 - 1,000 |
| AAT-242 | 21,000 - 31,000 | 240 - 1,250 |
| AAT-248 | 22,000 - 45,000 | 240 - 1,500 |
| AAT-254 | 40,000 - 65,000 | 560 - 2,500 |
| AAT-260 | 54,000 - 74,000 | 600 - 4,000 |
| AAT-272 | 62,000 - 100,000 | 600 - 4,500 |

* 1 MBH=1,000 Btu/h

CONFIGURATIONS



AAT-SERIES FEATURES

Reliable, Efficient System Operation Provided by:

- Single or multiple belt-driven propeller fans.
- Mounting and wiring of necessary operating starters, relays, switches, controls and fuses.
- Screened inlet and discharge plenums.
- Open drip proof (ODP) motors.
- 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 compartments.
- Use of major brand components to simplify field service.

Other AAT-Series Options:

- Stainless steel secondary heat exchanger.
- Gas, oil or combination gas/oil burners.
- Vibration isolators - spring or neoprene.
- Totally enclosed fan cooled (TEFC) and high-efficiency motors.
- FM, XL Insurance or special code compliance.
- High gas pressure regulator.
- 48" (1.2 m) field-assembled extensions.
- Fused main disconnect switch.

AAT-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.

AAT-SERIES OPTIONAL FILTRATION AND COOLING PACKAGES

Filtration

When filtration is required, AAT-Series offers 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, AAT-Series 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 the use of DX refrigerant, chilled water or other types of cooling coils in the system.



THANK YOU FOR YOUR BUSINESS



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Installation Code and Quarterly Inspections: All installation and service of ADDISON™ equipment must be performed by a contractor qualified in the installation and service of equipment sold and supplied by Addison and conform to all requirements set forth in the ADDISON™ manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment. To help facilitate optimum performance and safety, Addison recommends that a qualified contractor conduct quarterly inspections of your ADDISON™ equipment and perform service where necessary, using only replacement parts sold and supplied by Addison.

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

These products are not for residential use.

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