



Air Turnover Units

RECIRCULATING SYSTEM

The Moffitt Air Turnover Unit (ATU) recirculates air within the building to maintain more uniform temperatures.

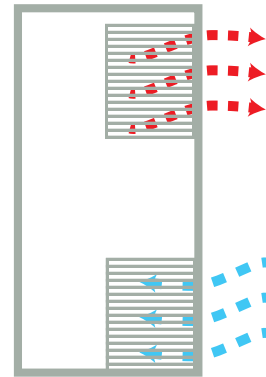
Minimal equipment is required to prevent air stagnation & stratification. Additional options to provide heating, cooling, ventilation, and filtration are available.

PRODUCT BENEFITS

- Constant air circulation for rapid recovery.
- Quick response to temperatures deviating from a set point.
- Thoroughly distributes air throughout the building.
- Highly efficiency unit lowers overall operating costs.
- Outside air is not required, the unit recirculates internal air.
- Lower installation costs with base mounted air turnover units.
- Quick installation. Units only require a few hours to stack & wire. Hanging, extra support, and duct work are not required.
- Factory wired, piped, and test fired.
- Best turndown ratio, up to 60:1, for power burners.
- Assurances; ETL & C-ETL listed.

HOW IT WORKS

Air turnover units draw in cooler air from the floor, heat or cool it, and then distribute it back into the space, typically near the ceiling.



Cool air is collected at the floor and recirculated to the ceiling.



PRODUCT RANGE

Airflow	Heat Output	Diameter	Fan HP	Burner HP	Inducer HP
8,000 CFM - 200,000 CFM	200,000 BTU/H - 8,000,000 BTU/H	24" - 60"	1/2 HP - 10 HP	1/6 HP - 6 HP	1/2HP - 6 HP

STANDARD FEATURES

- All-welded structural iron frame, primed with epoxy rust inhibitor
- Bonderized G90 zinc rich “paint grip” 18-gauge sheet metal
- Industrial urethane alkyd enamel machine gray 3 mm thick casing finish
- Expanded metal inlet/discharge screen
- Double wall insulated
- Two-inch-thick Insulated casing with perforated “sound trap” liner
- High efficiency six-bladed airfoil turbine prop moves air with lowest HP
- Continuously welded stainless-steel four pass drum and tube heat exchanger with 80+% efficiency and unsurpassed longevity

OPTIONAL FEATURES

- Cooling, heating, and filtration packages
- Sealed combustion chamber to allow burner operation in negative pressure or contaminated space
- On/off or full modulation forced draft burner
- Programmable for occupied / unoccupied, and varied day scheduling
- Mix box section includes motorized dampers to provide ventilation
- DDC interface or computer controls



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