

*Excellence in Independent
HVAC Products*



Multi-Family Products



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AHW 1-2 Series

Wall Mount Air Handlers (Electric and Hydronic)

AWH1-2 WALL MOUNT AIR HANDLER

- High Efficiency Constant Torque ECM Motor
- High Efficiency Coil
- Factory installed TXV and RDS for A2L applications
- Pre-wired for Heating & Cooling
- Easy Access for Service & Maintenance
- <https://mortx.com/products/suntherm-manufacturing-inc/#ms>

- ① Circuit Breakers—Optional
- ② Constant Torque ECM Motor
- ③ Fully Insulated Cabinet and Door
- ④ Standard Disposable Filter
- ⑤ Add-on Electric Heat 3kW-10kW



These air handlers are designed for vertical mounting in a wall or closet application, and will handle up to 1200 CFM and up to 3 tons of cooling with a DX cooling or heat pump coil. For DX cooling requirements these air handlers can be matched with most manufactures condensing units and heat pumps. The front of the case is open to accomodate a louvered/filtered access panel.

Field Installed Options:

- Louvered access door panels.

Factory Installed Options:

- Add-on 3kW-10kW electric heat strips.
- Fully painted cabinet.

C/S Series

Cased And Uncased Ceiling Mounted Fan Coil

- ① Constant Torque ECM Motor
- ② Compact Concealed Design
- ③ DX or Chilled Water Coil
- ④ Pre-wired for Heating & Cooling



These air handlers are designed for horizontal mounting into a furred down ceiling, and will supply up to 1200 CFM and up to 3 tons of cooling with a DX cooling or heat pump coil, or chilled water coil. For DX cooling requirements these air handlers can be matched with most manufacturer's condensing units and heat pumps. The "S" series air handlers are exposed blower type, and the "C" series is equipped with an insulated cabinet over the top and sides. The bottom of the case is open to accommodate a filtered louvered access panel. The cased units have a knockout for rear return air.

Standard Features:

- High Efficiency ECM Motor
- Electric heat models are 208/240/1/60.
- Hot water heat models are 115/1/60.
- Water circulating pump is factory installed on hot water heat models.
- Space saving design.
- Galvanized steel blower wheels.
- Prewired for cooling and heating.
- Control transformer.
- Primary and secondary condensate drain pans.
- Easy access for service and maintenance.
- High efficiency copper tubes with aluminum fin coils.
- Field Installed Options: Louvered or non-louvered ceiling access panels.

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MS Series

Multi-Position Air Handler

- Constant Torque or Variable Speed ECM Motor
- Upflow or Horizontal Application
- DX or Chilled Water Cooling
- Factory installed TXV and RDS for A2L applications
- Heat Pump, Electric or Hot Water Heating
- 208/240/1/60 or 115/1/60
- <https://mortx.com/products/suntherm-manufacturing-inc/#ms>

This fan coil/air handler provides the flexibility for installation in any up-flow or horizontal application. These versatile models may be used for split system cooling or heat pump operation. Compact cabinets along with return air options in both the up-flow and horizontal positions allow this unit to fit into tight spaces such as closets, attics, and crawl spaces.

- **CABINET**-The cabinet is constructed of heavy gauge galvanized steel. Standard cabinets are pre-painted steel for the top, coil and blower doors, the cabinet wrapper is heavy gauge embossed galvanized steel.
- **BLOWERS**-Blowers are sized to both circulate air quietly and efficiently. All blower/motor combinations are fully factory tested in our labs to optimize air flow and power usage.
- **COILS**- Using the latest in heat transfer technology, our internally grooved copper tube/aluminum fin coils produce high performance ratings and provide long lasting quality.
- **TXV'S**-Factory or field mounted, bolt on Thermostat Expansion Valves. Our TXV's are all non-adjustable and have been optimized per Suntherm specifications for performance and efficiency.
- **ELECTRIC HEATERS**-Electric heaters are available from 5kW to 20kW.
- **HYDRONIC HEAT**-Optional hot water coils are available for all models. These coils are available in 2,3,4 rows with or without circulating pump.



- ① Constant Torque or Variable Speed ECM Motor
- ② Heavy Gauge Cabinet Construction
- ③ DX or Chilled Water Coil
- ④ Electric or HW Heating Coil

Excellence in Independent HVAC Products



- Engineering and Manufacturing Experience since 1953
- Rigorous Quality Control System
- Outstanding Customer Service
- Over 900,000 Square Feet of Office and Manufacturing Space
- Flexible Production Capacity
- Three Hundred (300+) Dedicated Employees
- Proven Quality Packaging Standards



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