

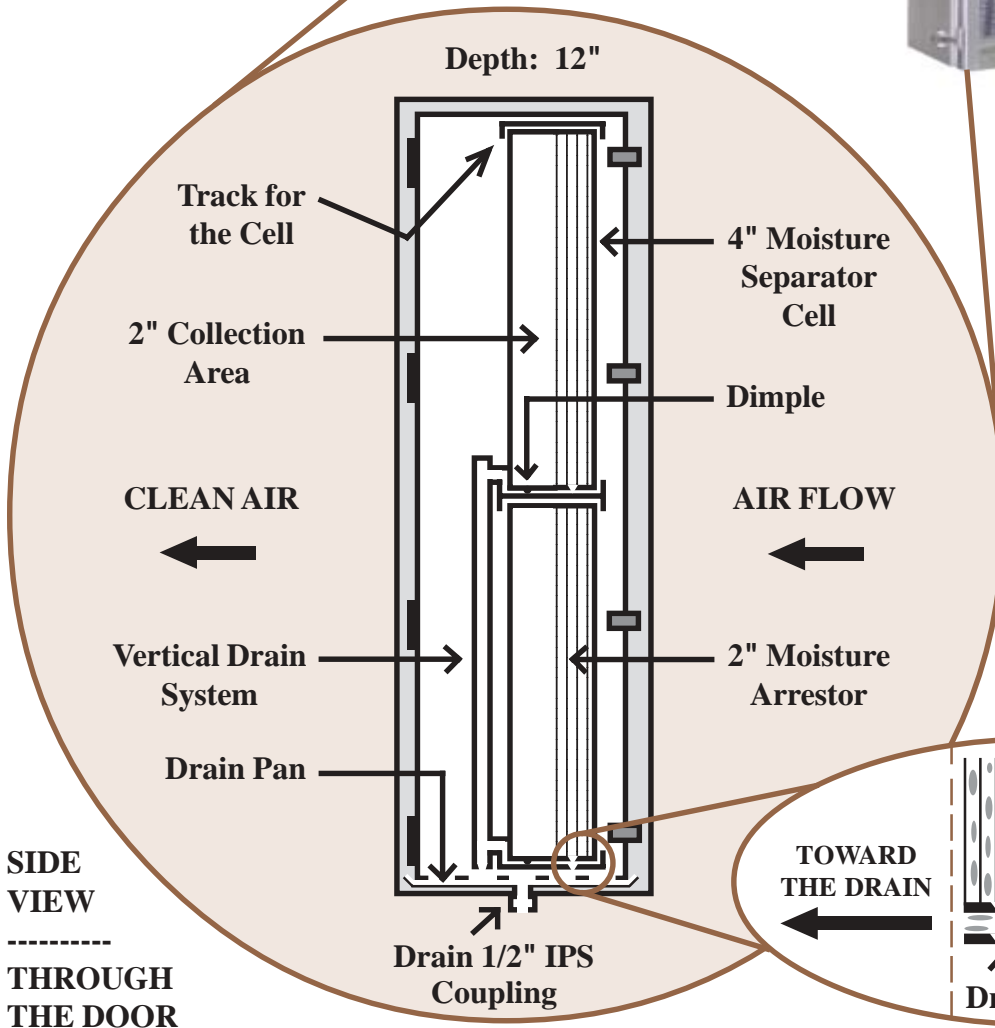
SPECIFICATION DATA
ACCESS-LINE™
SERIES 12MS
SPD-AL12MS-03A
JANUARY 2003

HVAC
 ACCESSORY
 EQUIPMENT

ACCESS-LINE™
MOISTURE SEPARATOR
 12" MOISTURE SEPARATOR SECTION

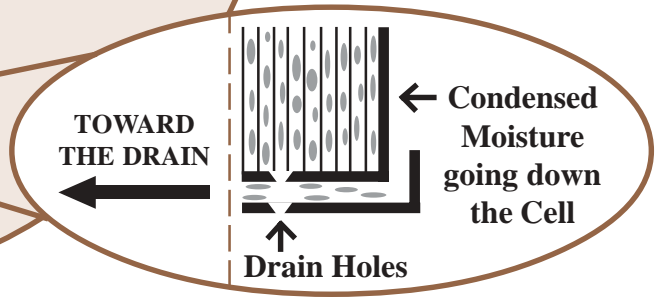
SPECIFICATIONS:

- Vertical Drain System
- 4" Track System
- Completely Factory Assembled
- 16 Gauge Aluminized Steel
- Lift-Off Access Doors
- Drain Holes in Slide Track



OPTIONS:

- Double Wall Insulation
- Weatherproofing
- High Pressure
- Flange Adapters
- Support Legs
- Hanger Brackets
- Static Taps
- Stainless Steel



SIDE VIEW

THROUGH THE DOOR

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MECHANICAL SPECIFICATIONS - MOISTURE SEPARATOR SECTIONS

STANDARD UNIT CONSTRUCTION

Material of Construction

Moisture Separator Section(s) shall be manufactured of 16 gauge aluminized steel. All fasteners shall be corrosion resistant finish.

Track System

Moisture Separator Section's filter track shall be manufactured from aluminum extrusion and allow for 4 inch nominal Moisture Separator Cell installation. Each track shall seal the cell(s) at top and bottom by use of fin-seal gasket. The track shall be sealed at its ends by use of EPDM gasket.

Vertical Drain System

Moisture Separator Section(s) are provided with drain connections of 1/2 inch IPS coupling(s) in the bottom drain pan of the section. Internal drain tubes are provided in sections more than one cell high and are completely factory assembled. Drain quantities: unit widths of 01-04, one (1) drain; unit widths of 05-08, two (2) drains; unit widths of 09 and 10, three (3) drains.

Operating Static Pressure

Moisture Separator Section(s) shall be capable of operating at static pressures of up to 3" W.G. (positive/negative).

Access Door(s)

Moisture Separator Section(s) shall be provided with pan-type, crossbroke door panel(s) with over-center, positive lock latches. Door(s) shall be sealed at perimeter with EPDM gasket. Door(s) shall be provided with replaceable lift-off hinges. One (1) door or two (2) doors construction per customer specification.

Assembly

Moisture Separator Section(s) shall be completely factory assembled with 1 1/2 inch mounting flanges provided for field installation.

UNIT OPTIONS

Double Wall Insulation

Moisture Separator Section(s) shall be provided with 1 inch thick double wall insulation in 24 gauge aluminized steel panels. Panel location: interior of door panels, exterior of top/bottom panels and end panel of 1 door units. Insulation may be 1.5 or 3.0 pound density.

Weatherproofing

Moisture Separator Section(s) shall be provided with 16 gauge aluminized steel pitched rain roof. All seams shall be sealed using a high viscosity, permanent sealer (non-silicon).

High Pressure

Moisture Separator Section(s) shall be provided to meet operating static pressure of 10" W.G. (positive/negative). Door(s) are provided with full length piano hinges welded in place. Consult factory for other high pressure applications.

Mounting Flange Adapters

Moisture Separator Section(s) shall be provided with 16 gauge aluminized steel flat adapter flange to match customer equipment/specifications. Flanges may be single-air entering, single-air leaving or double-air entering and air leaving per customer requirements.

Support Legs

Moisture Separator Section(s) shall be provided with 12 gauge aluminized steel support legs. Maximum height of 5 inches from bottom of flange to floorline. Quantity of support legs: 01-04 wide, 2 support legs; 05-07 wide, 3 support legs; 08-10 wide, 4 support legs. For other applications, consult factory.

Hanger Brackets

Moisture Separator Section(s) shall be provided with 12 gauge aluminized steel hanger brackets welded to the top panel. Location may be: one (1) pair of brackets-air entering/top corners or one (1) pair of brackets-air leaving/top corners. A 5/8 inch diameter hole is provided for hanger rod. Hanger brackets are for support of the cell section only. Any other equipment or duct connections must be supported independently.

Static Taps

Moisture Separator Section(s) shall be provided with static pressure fittings for 1/4 inch metal tube connection. Tap location no. 1: before Moisture Separator Cell. Tap location no. 2 : after Moisture Separator Cell.

Alternate Material of Construction

Moisture Separator Section(s) shall be manufactured of stainless steel (type 304 or 316). Air dried epoxy coated section(s) may be provided, either coated: interior-only, exterior-only, or both interior and exterior.