



Change'Air™

PRODUCTS AND SERVICES LTD.

Engineered Excellence for Greener Classrooms

Classroom Console Unit with Dual Cooling Coils

The Change'Air "Dehumidification Unit" is a unique design which is specifically engineered for climates of high humidity. The dual path design positions a primary cooling coil in the mixed air stream and a second cooling coil in the outside air stream only. This approach allows the outside air cooling coil or dehumidification coil to operate on a more continuous basis pre-treating the outside air and greatly reducing the load on the primary coil. For console unit projects, this dehumidification design is a creative solution to reduce the humidity of the outside air provided.

- ✓ Standard hot water/chilled water
- ✓ 2 pipe or 4 pipe configurations
- ✓ Optional Electric Resistance Heat
- ✓ Optional Valve packages factory supplied and installed
- ✓ Optional Split system cooling coils
- ✓ LonMark or BACnet Controllers

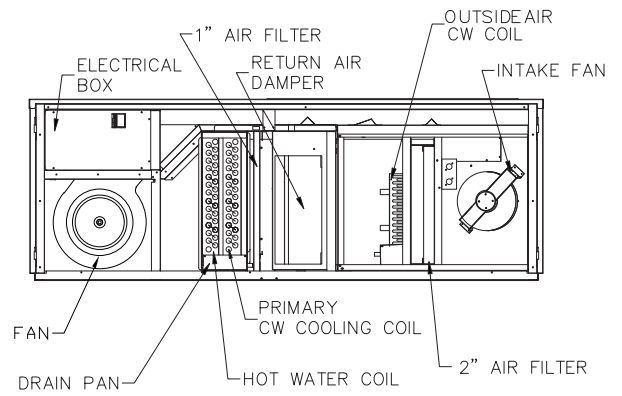
Classic Series - Dehumidification Design

Option	Details				
Cabinet Sizes	"H" (30"h x 85"w x 25.625"d)				
Design Details	Dual Cooling Coils (Standard primary cooling and second cooling coil dedicated to incoming outside air only)				
Heating	Hot water Coil 1 or 2 row up to 65 MBTU		Steam Coil 1 row up to 60 MBTU		Electric Resistance Up to 12 KW
Cooling	Outside Air Chilled Water Coil up to 30 MBTU	Primary Chilled Water Coil up to 30 MBTU	Outside Air Split System DX Coil up to 24 MBTU	Primary Split System DX Coil up to 24 MBTU	
Cooling Options	Stainless Steel Drain Pan	Insulated Drain Pan	Valve Packages for Chilled Water (Factory Installed)		
Ventilation	½ hp XLC ERM Intake Fan (150 - 450 CFM)				
Supply Fan Motor	½ hp LC-S ECM (900 cfm max.)		½ hp SC-S ECM (900 cfm max.)		
Power Relief	Available only external to the unit				
Fan Speed Control	ECM (3 speed 24 VAC or 0-10 VDC signal)		ERM (single or dual fully adjustable speed board)		
Electrical Supply	"A" 115/1/60	"B" 208/3/60	"C" 208-230-1/60	"D" 277/1/60	"E" 460/3/60
Controls	Factory Preprogrammed LonMark Compatible Controller		Factory Preprogrammed BACnet Compatible Controller		Customer Supplied and Factory Installed Controller
Insulation	Standard Fibreglass Ductliner (airside coated)		Closed Cell		Perforated Steel Liner
Filters	1" Pleated Disposable	2" Pleated Disposable	Permanent Washable		Media Filter Rack with Replaceable Media
	MERV 8 (Standard)		MERV 11		MERV 13

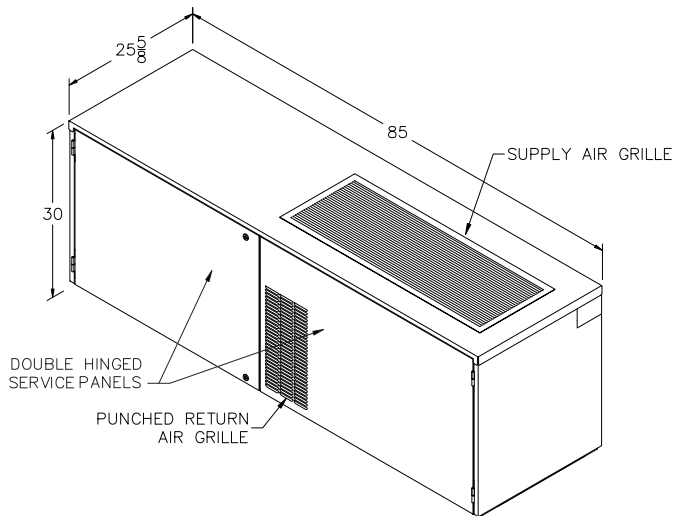
Important Note: This is not a compatibility table. Each option shows the available for the Series or model. For compatibilities on a specific design configuration please call your Change'Air sales representative.

:Shaded areas show options available but not reflected in the drawings on reverse side.

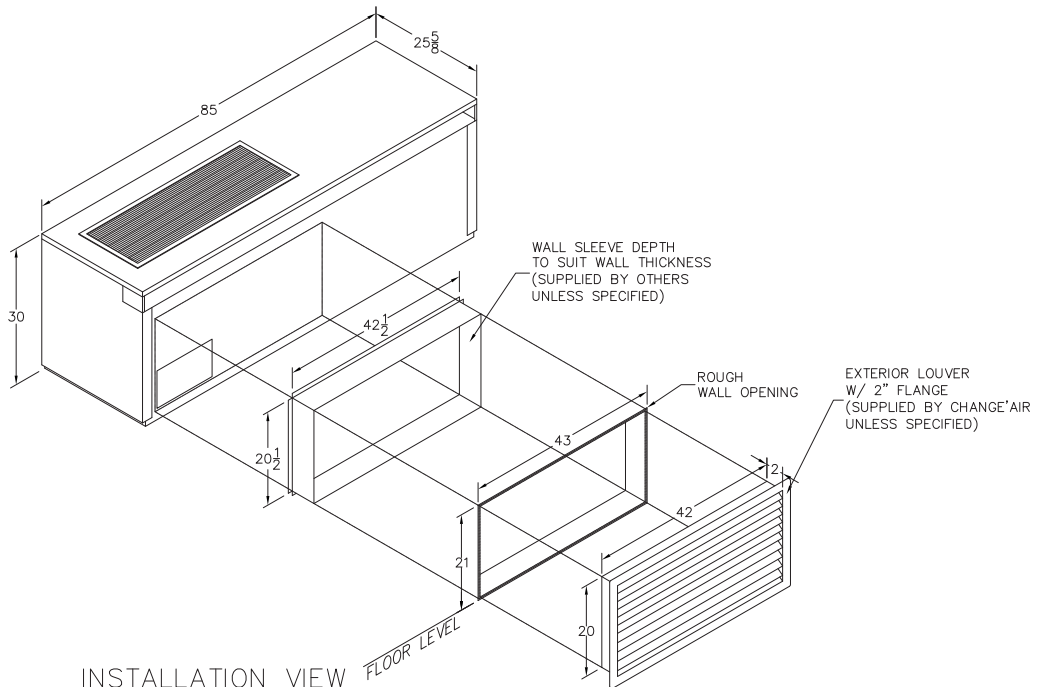
CLASSIC HCW 36 900 H C



FRONT VIEW



ISOMETRIC VIEW



INSTALLATION VIEW