



VariCool EZ-Fit[®] with Energy Recovery Wheel

Ideal for Renovation and Replacement DOAS Projects

Innovative Solutions for Comfortable
Indoor Environments

www.unitedcoolair.com

VariCool EZ-Fit® with ERW

The VariCool EZ-Fit® with ERW system consists of a modular self-contained water source heat pump designed for 100% Outdoor Air applications with integral energy recovery wheel. The modular cabinet design along with high efficiency EC fans, variable capacity compressors and BACnet communications make the EZ-Fit® with ERW an ideal solution for renovation and replacement projects where it is difficult to move new equipment into existing mechanical rooms and owners desire to lower installation and operating costs.

The modular cabinet ships in multiple sections which easily assemble to form a single unit. Single modules are available for 3,000 to 10,000 CFM applications. Dual modules combine two singles together for systems up to 21,000 CFM with single point power and single water connections.



- Self-Contained, Modular Construction
- Water Source Heat Pump
- 15 to 35 Ton Single Modules
- 30 to 70 Ton Dual Modules
- 208/230-3-60 or 460-3-60
- Modulating Hot Gas Reheat
- Exhaust Fan Section

Modular DOAS Water Source Heat Pump

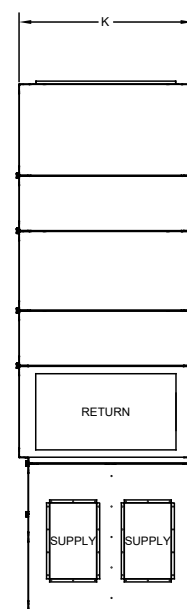
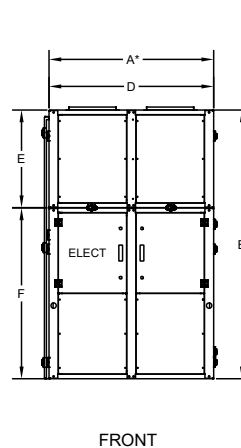
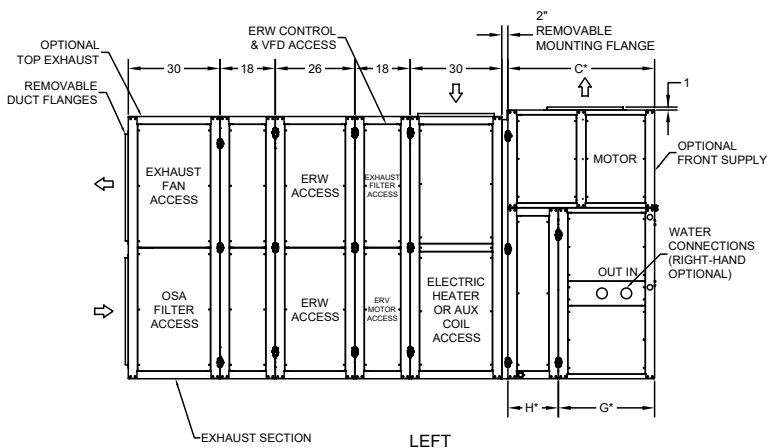
Features & Benefits

- 3,000 - 21,000 CFM
- Variable Capacity Compressor plus Fixed Speed Scroll Compressor, Each Module
- ECM Fans – Supply and Exhaust
- Marvel Premium Microprocessor Controls w/ BACnet
- 1" High Density Elastomeric Foam Insulation (EZ-Fit Cabinet)
- Lift Off Hinged Access Doors with Tool Operated Latches
- 3D-Intelliclamp Connectors for Easy Alignment of Cabinet Sections
- Double Sloped Stainless Steel IAQ Drain Pan
- Interlaced / Draw Through Evap Coil
- 2" MERV 8 and 4" MERV 13 Outside Air Filters
- Brazed Plate Heat Exchangers
- Single Point Power and Single Water Connections
 - Left or Right Hand



Dimensional Data

Single Module

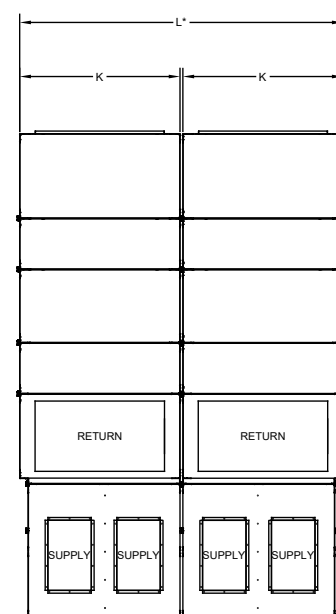
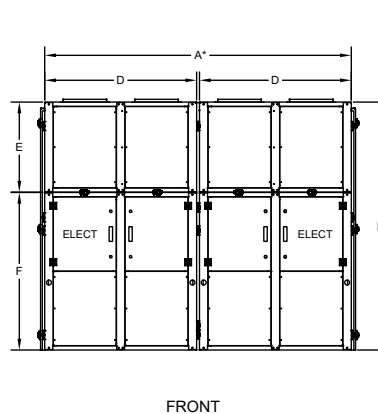
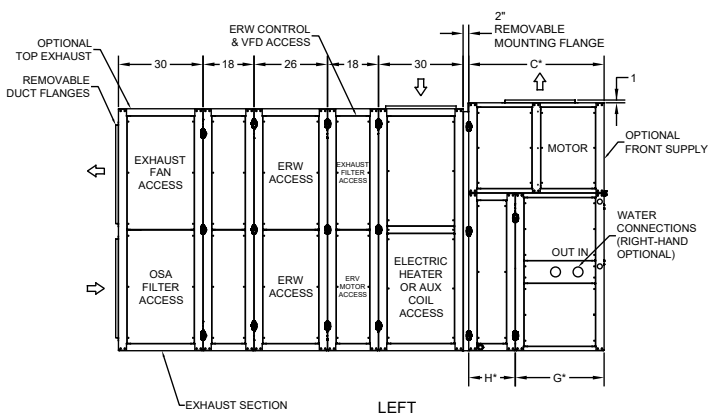


SERVICE CLEARANCE:
 UNIT LEFT- 24"
 UNIT RIGHT- 24"
 UNIT FRONT- 36"
 ERW LEFT- 72"
 ERW RIGHT- 72"

Nominal Tons	A*	B	C*	D	E	F	G*	H*	K
10-15	55-1/2	88-1/8	49-5/8	54	32	56	32-1/4	17-1/4	57
20-25	65-1/2	93-1/8	52-1/8	64	34	59	34-3/4	17-1/4	67
30-35	77-1/2	105-1/8	60-1/8	37-1/2	34	71	34-3/4	25-1/4	78

- Note:**
- Unit ships split on separate skids: 10-25 Ton, Qty. 8 Skids. 30-35 Ton, Qty. 9 Skids.
 - Dimensions noted with * include hardware.
 - Unit must be installed on house keeping pad to accommodate height of the condensate drain trap.
 - 3D Intelliclamp removable and/or splittable if needed during installation.
 - "D" Dimension per Supply Fan Section: 10-25 Ton, one section. 30-35 Ton, two sections.

Dual Module



Nominal Tons	A*	B	C*	D	E	F	G*	H*	K	L*
20-30	110-1/2	88-1/8	49-5/8	54	32	56	32-1/4	17-1/4	57	116-1/2
40-50	130-1/2	93-1/8	52-1/8	64	34	59	34-3/4	17-1/4	67	136-1/2
60-70	154-1/2	105-1/8	60-1/8	37-1/2	34	71	34-3/4	25-1/4	78	158-1/2

- Note:**
- Unit ships split on separate skids: 20-50 Ton, Qty. 16 Skids. 60-70 Ton, Qty. 18 Skids.
 - Dimensions noted with * include hardware.
 - Unit must be installed on house keeping pad to accommodate height of the condensate drain trap.
 - 3D Intelliclamp removable and/or splittable if needed during installation.
 - "D" Dimension per Supply Fan Section: 20-50 Ton, one section per module. 60-70 Ton, two sections per module.

SERVICE CLEARANCE:
 UNIT LEFT- 24"
 UNIT RIGHT- 24"
 UNIT FRONT- 36"
 ERW LEFT- 72"
 ERW RIGHT- 72"

TOP

We're on a Mission to Make the World Safer, Healthier,
and More Productive through our Innovative Products



EZ-Fit® is a registered trademark of United CoolAir.

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