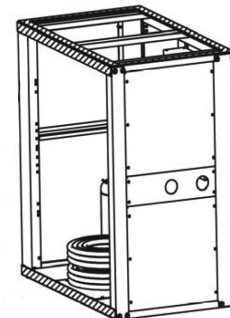
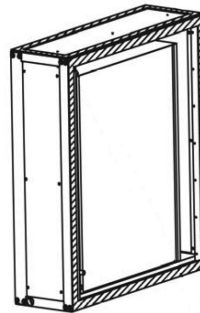
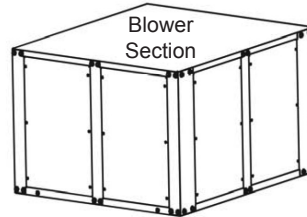


Quick Reference Guide

EZ-Fit Series Technical Data

MODEL KEY	
Model	Unit Configuration
VZW	EZ-Fit, Water-Cooled



Evaporator Section

Condensing Section

Fits Through 3.0 Door

Quick Tonnage Reference

Tons		CFM	Entering Air Temp. (°F)		Water-Cooled (MBH)	
Single	Dual		DB	WB	Total	Sensible
12	24	4800	80	67	164	116
			75	62.5	152	114
15	30	6000	80	67	200	142
			75	62.5	186	140
20	40	8000	80	67	258	184
			75	62.5	238	182
25	50	9000	80	67	298	210
			75	62.5	276	208
30	60	12000	80	67	382	282
			75	62.5	356	279
35	70	14000	80	67	462	333
			75	62.5	432	328
40	80	14000	80	67	486	386
			75	62.5	454	382
45	90	15800	80	67	596	420
			75	62.5	554	530

Water-Cooled Entering Water Temperature 85°
 Nominal 3.0 GPM/Ton

Total and sensible capacities are per module



Contact:
www.level-solutions.com
 833-539-4615



Physical Data

	Model	12	15	20	25	30	35	40	45
Capacity (a) (c)	Total (MBH)	165.8	202.0	260.2	300.9	382.2	451.6	480.0	588.7
	Sensible (MBH)	117.1	143.5	187.7	213.0	283.5	330.7	359.4	410.5
	CFM	4800	6000	8000	9000	12000	14000	14000	15800
	GPM	36.0	45.0	60.0	72.0	90.0	105.0	120.0	135.0
Blower	Type (QTY)	DWDI				DDP (2)			
	Size (Dia.)	15 - 15		18 - 18		16.5	18.2		
	CFM Range	2200-5800	2600-6900	3500-9500	3500-9500	4800-13000	5500-14900	6100 - 16775	
Filter	Type	Pleated Throwaway							
	Size (All 2" Thick.)	15 x 20 / 20 x 20		18 x 25		24 x 20 / 20 x 20	20 x 20 / 20 x 24 / 24 x 24	14 x 25 / 25 x 25	
	Qty	4 / 2		6		6 / 3	2 / 5 / 2	3 / 6	
	Efficiency	MERV 8							
Evaporator Coil	Type	Interlaced							
	Face Area (Sq. Ft.)	10.6	12.7	17.3	17.3	23.9	27.1	30.5	
	Rows	4				5		6	
	FPI	12				10		14	10
Condenser	Type	Co-Axial							
	Working Pressure - Fluid	400 psig							
Return Air	Duct Size	51-3/8" H x 40" W		55" H x 50-1/2" W		69" H x 60" W	69" H x 64" W	76" H x 66" W	
Supply Air	Duct Size	16-1/4" H x 18-7/8" W		19" H x 22-3/16" W		25" H x 15-1/2" W	25" H x 19" W		
Compressor	Type	Hermetic Scroll							
	Qty	2							
Refrigerant	Type	R-410a							
	Lbs-Ozs	10.5	13	15	17	30	40	45	50
Weight (b) (Net Operating)	Evaporator	375		525		1000	1170	1450	
	Condensing	800		1075		1340	1570	1850	
	Blower (DWDI)	475		575		X	X	X	X
	Blower (DDP)	500		650		800 (2)	1040 (2)	1050 (2)	
	Assembly w/ DWDI	1650		2175		X	X	X	X
	Assembly w/ DDP	1675		2250		3940	4820	4350	
Dimensions	Evap. & Filter	54" W x 21-1/2" D x 56" H		64" W x 21-1/2" D x 59" H		69" W x 27-1/2" D x 71" H	76" W x 29-1/2" D x 71" H	77" W x 29-1/2" D x 78" H	
	Comp. & Cond.	54" W x 31-1/2" D x 56" H		64" W x 34" D x 59" H		69" W x 34" D x 71" H	76" W x 34" D x 71" H	77" W x 34-1/2" D x 78" H	
	Blower	54" W x 48" D x 32" H		64" W x 50-1/2" D x 34" H		34-1/2" W x 56-1/2" D x 34" H	38" W x 58-1/2" D x 34" H	38-1/2" W x 59-1/2" D x 34" H each	
	Assembly	54" W x 53" D x 88" H		64" W x 55-1/2" D x 93" H		69" W x 56-1/2" D x 105" H	76" W x 58-1/2" D x 105" H	77" W x 63-3/4" D x 34" H	

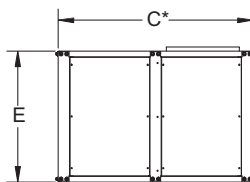
(a) Capacity based on 80° F DB / 67° F WB with 85° F EFT

(b) Basic unit only. Options will add weight

(c) Double for a Dual Module

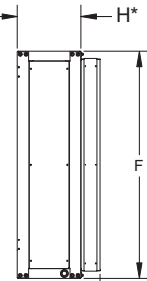
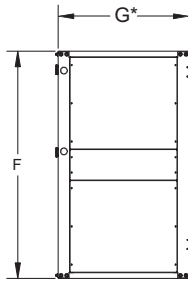
Basic Unit Dimensions (Contact Factory for Additional Sizes)

	Tons	A*	B	C*	D	E	F	G*	H*	V1	V2
Single Module	12-15	55-1/2	88-1/8	49-5/8	54	32	56	32-1/4	17-1/4	5	7
	20-25	65-1/2	93-1/8	52-1/8	64	34	59	34-3/4	17-1/4	5	7
	30	70-1/2	105-1/8	58-1/8	34 ea.	34	71	34-3/4	23-1/4	5	7
	35	77-1/2	105-1/8	60-1/8	37-1/2 ea.	34	71	34-3/4	25-1/4	5	7
	40	77	112	59-1/2	38 ea.	34	78	34-1/2	25	5	7
	45	77	112	59-1/2	38 ea.	34	78	34-1/2	25	5	7
Dual Module	24-30	110-1/2	88-1/8	49-5/8	54	32	56	32-1/4	17-1/4	5	7
	40-50	130-1/2	93-1/8	52-1/8	64	34	59	34-3/4	17-1/4	5	7
	60	140-1/2	105-1/8	58-1/8	34 ea.	34	71	34-3/4	23-1/4	5	7
	70	154-1/2	105-1/8	60-1/8	37-1/2 ea.	34	71	34-3/4	25-1/4	5	7
	80	80	112	59-1/2	38 ea.	34	78	34-1/2	25	5	7
	90	80	112	59-1/2	38 ea.	34	78	34-1/2	25	5	7

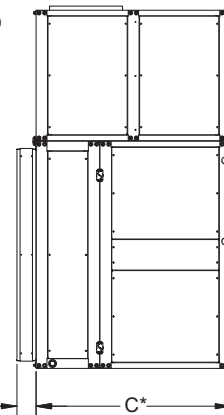


Notes:

1. Dimensions noted with * include hardware
2. V1 = 2" Filter Box, V2 = 4" filter box
3. 30 and 35 Ton (60 & 70) units have two DDP sections per module

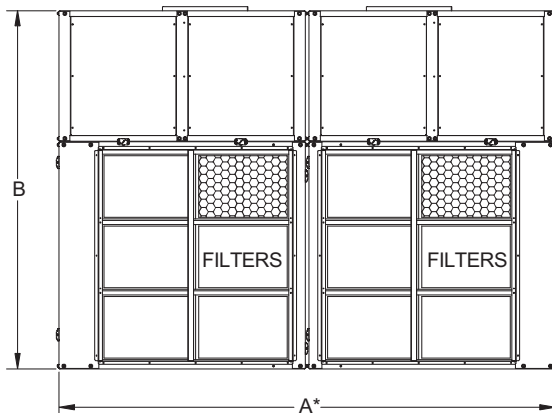


V1/V2

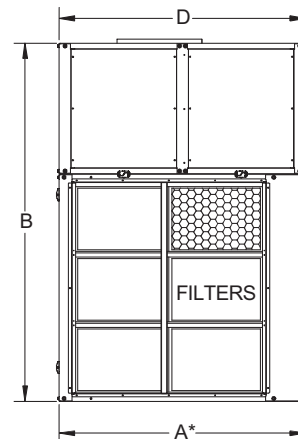


Right Hand Side

Single or Dual Module Assembly - Left Hand Side



Dual Module Assembly (Rear)



Single Module Assembly (Rear)



Contact:
www.level-solutions.com
833-539-4615



Product Features

The VariCool® EZ-Fit is a self-contained air conditioning system for use with floor-by-floor variable air volume applications. The EZ-Fit was designed and engineered specifically for installation in renovation and retrofit applications. The modular, multi-piece construction allows easy access through standard doorways and elevators preserving the building's architectural integrity.

It also eliminates unnecessary construction, saving both time and money. The unit is shipped fully charged with refrigerant eliminating brazing, evacuation and charging in the field. All components are pre-wired for reduced installation time and expense without sacrificing reliability. The VariCool® EZ-Fit can be tailored with options for your unique application.

- Self-Contained Water-Cooled
- Modular Construction (Shipped in 3 or more Sections)
- 12, 15, 20, 25, 30, 35, 40 and 45 Ton Modules (other sizes available, contact factory)
- Modules can be combined for applications up to 90 Tons – Capabilities can exceed 100 tons
- 3D-Intelliclamps for perfect section alignment
- Indoor Configuration with Compact Footprint and Vertical Design
- R-410A, Factory Charged Unit
- Resealable Refrigerant Fittings
- Functionally Run Tested at the Factory
- Heavy-Gauge Sheet Metal Panels
- 1" High Density Thermal / Acoustical Insulation
- Lift Off Hinged Access Doors with Tool Operated Latches
- Air Discharge Top (Optional Air Paths Available)
- Right or left hand water connections
- Single water connection for single or dual modules
- Water Inlet and Outlet connections utilize Grooved End Couplings
- DWDI Centrifugal Fans with Airfoil Backward Inclined Blades (12-25 Ton Modules)
- Pillow Block Bearings with 200,000 Hour Life Expectancy (L50) (12-25 Ton Modules, DWDI Blowers)
- DDP Fans (30, 35, 40 and 45 Ton Modules)
- ECM Fans (Optional)
- Premium Efficiency Motor
- Factory Installed VFD
- 2 Scroll Compressors / Module
- Aluminum Fin / Copper Tube Evaporator Coil, Draw Through Design
- Interlaced Evaporator Coil
- Double-Sloped Stainless Steel IAQ Drain Pan
- Co-axial Counter Flow Heat Exchangers
- Maximum Operating Pressure (MOP) Externally Equalized Balance Port TXV's
- Filter Drier & Sight Glass with Moisture Indication on Each Circuit
- High and Low Refrigerant Pressure Safety Switches
- Hot Gas Bypass (each circuit)
- Manual Hot Gas Bypass Shutoff Valves
- 2-Way Electronic Head Pressure Control Valves
- 24 Volt Control Circuits
- Single-Point Power Connection (Up to 4 compressors, some electric heat requires second power supply)
- Marvel™ Premium Microprocessor Controls
- Dirty Filter Switch
- Drain Pan Overflow Switch
- Loss of Air Flow Switch



3141 Riverport Tech Center Drive
Maryland Heights MO 63043



491 East Princess St.
P.O. Box 2423
York, PA 17403
Phone: 717-843-4311
unitedcoolair.com