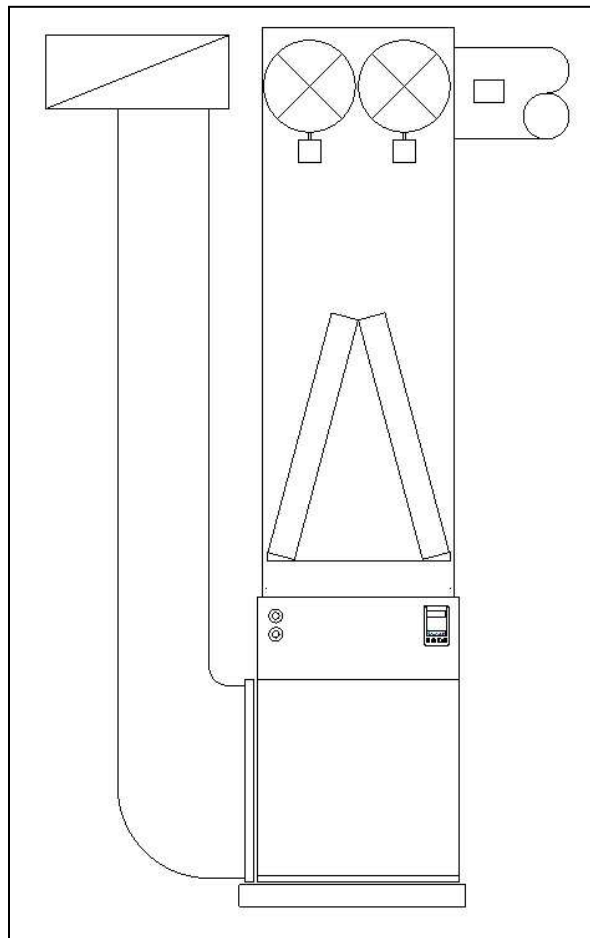


www.vortexsource.com

Three independent zones (2 and 4 zone models available) and compact duct system designed to quietly deliver heating and cooling when and where you need it.

- Tight temperature control by zone increases comfort and eliminates hot and cold areas in the home.
- All controls are self-contained in the air handler. Vortex motorized dampers are remotely installed in the supply ductwork.
- Use conventional Heat/cool thermostats
- Utilizes Vortex Small D Duct system or can be connected to existing conventional duct systems for furnace replacement
- Flexible air handler mounting. (vertical, horizontal, upside down).
- Compatible with most evaporator coils.
- Zoning provides faster cooling “pull-down” and improved comfort. Use a smaller 2-stage condensing unit to reduced peak electrical loading during A/C season.
- Fixed or automatic heating and cooling speeds. Fan automatically runs at lowest possible speed to meet demand and ensure virtually silent operation. Automatically controls humidity during cooling season.
- High Efficiency EC Motor
- Compatible with standard humidifiers, 4 inch pleated filters and electronic air cleaners
- Daily pump exerciser can be activated to reduce maintenance worries and meet code requirements in some areas.



Model	ZC18	ZC24N	ZC30N	ZC36N	ZC42N	ZC48N	ZC60N	ZC100
Min. 4" Branches per Zone*	5	6	8	9	11	12	15	15
Min. 14"x8" Return Air Grilles	3	5	7	8	8	9	10	11
Heating Capacity (Btu/h)@100°F	13,000	23,000	27,000	30,000	30,000	32,000	34,000	45,000
Heating Capacity (Btu/h)@110°F	17,000	30,000	35,000	39,000	39,000	42,000	45,000	60,000
Heating Capacity (Btu/h)@120°F	21,000	38,000	45,000	49,000	49,000	52,000	54,000	75,000
Heating Capacity (Btu/h)@130°F	28,000	50,000	58,000	65,000	65,000	69,000	73,000	91,000
Heating Capacity (Btu/h)@140°F	30,000	55,000	63,000	70,000	70,000	75,000	80,000	106,000
Heating Capacity (Btu/h)@160°F	37,000	70,000	80,000	90,000	90,000	97,000	103,000	135,000
Heating Capacity (Btu/h)@180°F	48,000	88,000	99,000	110,000	110,000	117,000	125,000	164,000
Air flow rate at full heating (cfm)	800	1000	1200	1400	1400	1600	1800	2000
Ext. Static Pressure ("wc)	0.9	1.3	0.6	1.1	1.1	1.2	0.7	0.8
USGPM Heating	3	4.8	4.8	4.8	4.8	4.8	4.8	8
Cooling Capacity (Tons)	1.5	2.0	2.5	3.0*	3.5*	4.0*	5.0*	5.0*
Blower Motor (max. Amps)	5.5	5.5	5.5	7.7	7.7	9.6	9.6	9.6
Circulator (Amps)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.4
Cabinet Width (in.)	14	22	22	22	22	22	22	22
Cabinet Depth (in.)	20	25	25	25	25	25	25	25
Cabinet Height (in.)	24.3	29.5	29.5	29.5	29.5	29.5	29.5	53.3
Supply Air (per Zone)	6"Φ	8"Φ	8"Φ	8"Φ	10"Φ	10"Φ	10"Φ	10"Φ
Return air (in.)	14x18	18x23	18x23	18x23	18x23	18x23	18x23	18x23
Water Connections (in.)	1/2	3/4	3/4	3/4	3/4	3/4	3/4	1
Weight (lb.)	80	120	120	125	125	130	130	190

Heating capacity based on 70°F return air, high speed, rated water flow and 12.5 feet length of 4 inch flex per branch with 4x10 grille. Two 3 inch flex branches are equivalent to one 4 inch branch. Two 4 inch flex branches are equivalent to one 6 inch branch but do not exceed grille rating.

Higher external static pressure available at lower airflows. Contact Vortex for performance data.

* Use 2-stage AC condensers to maximize efficiency and minimize duct noise.