

High Velocity Products  
Dedicated to Delivering High Quality

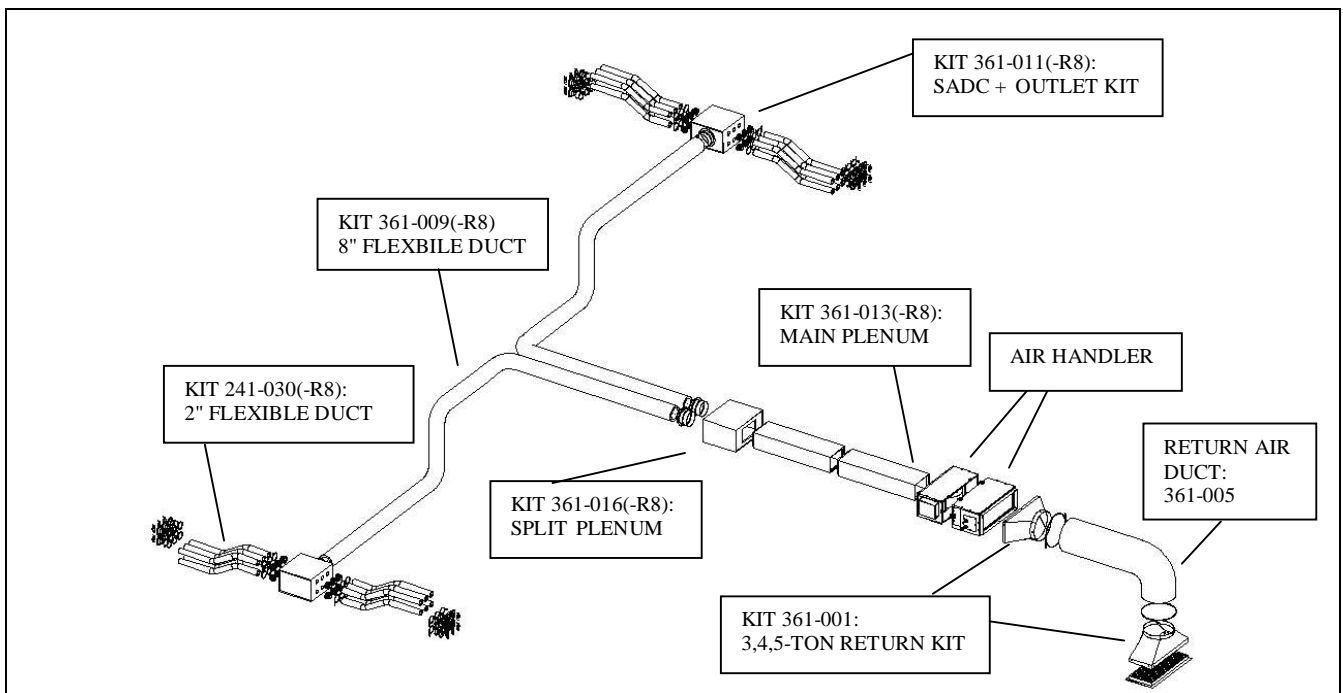
## 1.5 to 5 Tons Engineering Specifications

VelocityPlus delivers conditioned air at high speed up to 2000 FPM to various zones through 2" flexible duct. It employs flexible return and supply air ducts (both R4.2 and R8.0 options are available for different customer needs) to provide great flexibility so that contractors can easily lay out system components such as outdoor unit, return air grill, indoor unit, air diffuser, etc. In new buildings, VelocityPlus saves noticeable room and construction cost. In retrofit work to historic buildings, VelocityPlus integrates greatly with existing architecture and aesthetics. Always, VelocityPlus reduces installation complexity and saves installation time and cost, decreases repair frequency. In the meantime system performance is well maintained.

### VelocityPlus-Specification of AC and HP Indoor Units

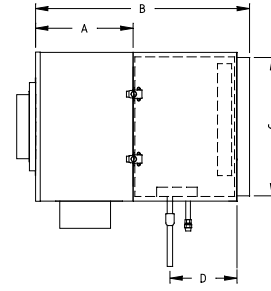
Tonnage (Ton)	Nominal Capacity		Airflow at 1.5" ESP (CFM)	Power Input V/PH/HZ	Motor-Rated			Liquid Line Dia. (Inch)	Suction Line Dia. (Inch)	Recommended Outdoor Unit (Ton)
	Cooling (Btu/h)	HP Heating (Btu/h)			Speed (RPM)	HP (HP)	Amps (A)			
1 ½ - 2	24,000	25,000	600	208-230/1/60	1625	2/5 (0.4)	2.45	3/8	5/8	1 ½ - 2
2 ½ - 3	36,000	37,000	900	208-230/1/60	1450	3/5 (0.6)	2.51	3/8	3/4	2 ½ - 3
3 ½ - 4	48,000	48,500	1200	208-230/1/60	1400	2/3 (0.7)	3.20	1/2	1 1/8	3 ½ - 4
4 - 5	60,000	61,500	1500	208-230/1/60	1450	2x3/5 (1.2)	5.02	1/2	1 1/8	4 - 5

### VelocityPlus-System Layout-Split Option of 3Ton

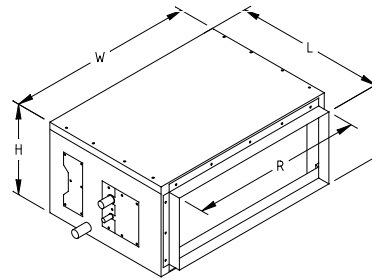
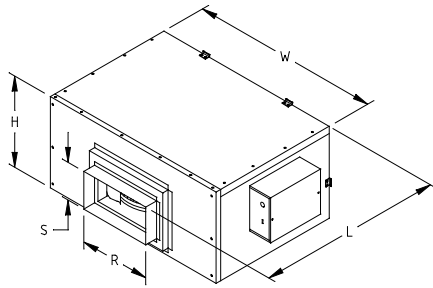
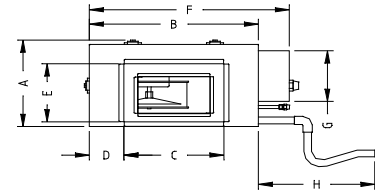


## Dimensions of Indoor Modules

Ton	A	B	C	D
1.5-2	15.6	35.3	22.2	10.7
2.5-3	15.6	35.3	32.2	10.7
3.5-4	15.6	43.3	32.2	15.2
4-5	15.6	43.3	49.5	15.2



Ton	A	B	C	D	E	F	G	H
1.5-2	14.0	23.9	14.1	4.9	10.3	28.3	8.2	15.0
2.5-3	14.0	33.9	14.1	9.9	10.3	38.3	8.2	15.0
3.5-4	14.0	33.9	14.1	9.9	10.3	38.3	8.2	15.0
4-5	14.0	51.2	14.1	8.2	10.3	55.6	8.2	15.0



### Blower Module

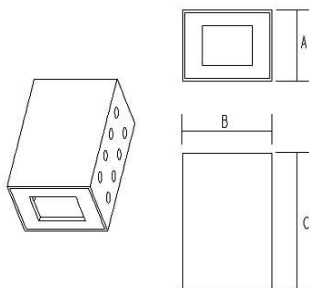
Model No.	H	W	L	R	S
VB1-1824-MH2	13.2	23.9	18.7	10.13	7.13
VB1-3036-MH2	13.2	33.9	18.7	11.37	8.25
VB1-4248-MH2	13.2	33.9	18.7	11.37	8.25
VB1-4860-MH2	13.2	51.2	18.7	32.13	8.35

### Coil Module

Model No.	H	W	L	R	S
VC1-1824-HX	13.2	23.9	18.7	22.2	11.6
VC1-3036-HX	13.2	33.9	18.7	32.2	11.6
VC1-4248-HX	13.2	33.9	26.7	32.2	11.6
VC1-4860-HX	13.2	51.2	26.7	49.4	11.6

Remarks: All dimensions in inches. VB1-4860-MH2 has 2 outlets and VC1-4860-HX has two return air fitting adapters.

## DIMENSIONS OF ADC, SADC, SPLIT PLENUM:



PART NO.	NAME	A (in)	B (in)	C (in)
241-008(-R8)(-3In)	ADC, 1.5-2.0 Ton, NonSplit	13	20	25
301(361)-019(-R8) (-3In)	ADC, 2.5-3 Ton, NonSplit	13	20	30
361-016(-R8) (-3In)	Split Plenum	13	25	20
361-011(-R8) (-3In)	SADC, 3 Ton, Split	13	20	20
481-001(-R8) (-3In)	SADC-4 Ton, Split	13	20	25
601-001(-R8) (-3In)	ADC-5 Ton, NonSplit	13	20	25
601-004(-R8) (-3In)	SADC-5 Ton, Split	13	20	20

## Outside Dimensions of Main Plenum:

1.5-2 Ton (VB1-1824-MH2): 241-017(-R8), WxH 9.50 x12.25 ”

2-5 Ton (VB1-3036, 4248, 4860-MH2): 361-013(-R8), WxH 10.25 x13.50 ”