



HYDRONIC AIR TECHNOLOGY

Hydronic Air Handler

NU-AIR HA SERIES



The Nu-Air HA works directly with other hot water sources to provide warm comfortable heating for any home or small commercial building.

NU-AIR HA SERIES

HEATING CAPACITY: 25 - 102 MBH

COOLING CAPACITY: 1 TO 3 TONS

The Nu-Air HA Series works directly with a Viessmann boiler to provide perfectly conditioned air for any home or small commercial building all year round.



Vitodens 100



Vitodens 200



Vitodens 222-F



Vitocrossal
300, CU3A

COMPATIBLE WITH ALL VITODENS BOILERS AND VITOCROSSAL 300, CU3A

Maximum comfort

The Viessmann Nu-Air HA Series uses micro-processor control technology for maximum comfort by providing warm or cool comfortable conditioned air with the quietest of operations. The integrated control logic provides efficient management of multi-stage heating and cooling systems allowing for greater energy savings, reduced utility bills and a healthier indoor environment.

During the heating cycle, the high efficiency ECM fan motor provides a gradual flow of warm comfortable air without the noise and on/off operations of typical set speed PSC blowers.* This gradual increase of fan speed prevents the circulation of cool air and also allows your ductwork to warm up reducing duct expansion noises.

Perfectly matched system components

The Viessmann Nu-Air HA is specifically designed to deliver the most comfortable indoor environment you deserve. Manufactured to precise specifications which allow the addition of pre-wired components such as central air conditioners, and air cleaners.

Optimum efficiency

Unlike standard forced air furnaces, the Nu-Air HA Series is capable of covering a wider range of heating output. This allows the unit to precisely match the heating load of even the most energy efficient homes. With this wide range of outputs, there are fewer on/off cycles, reducing wear and tear on the unit, increasing longevity and optimizing fuel efficiency.

Ease of installation and service

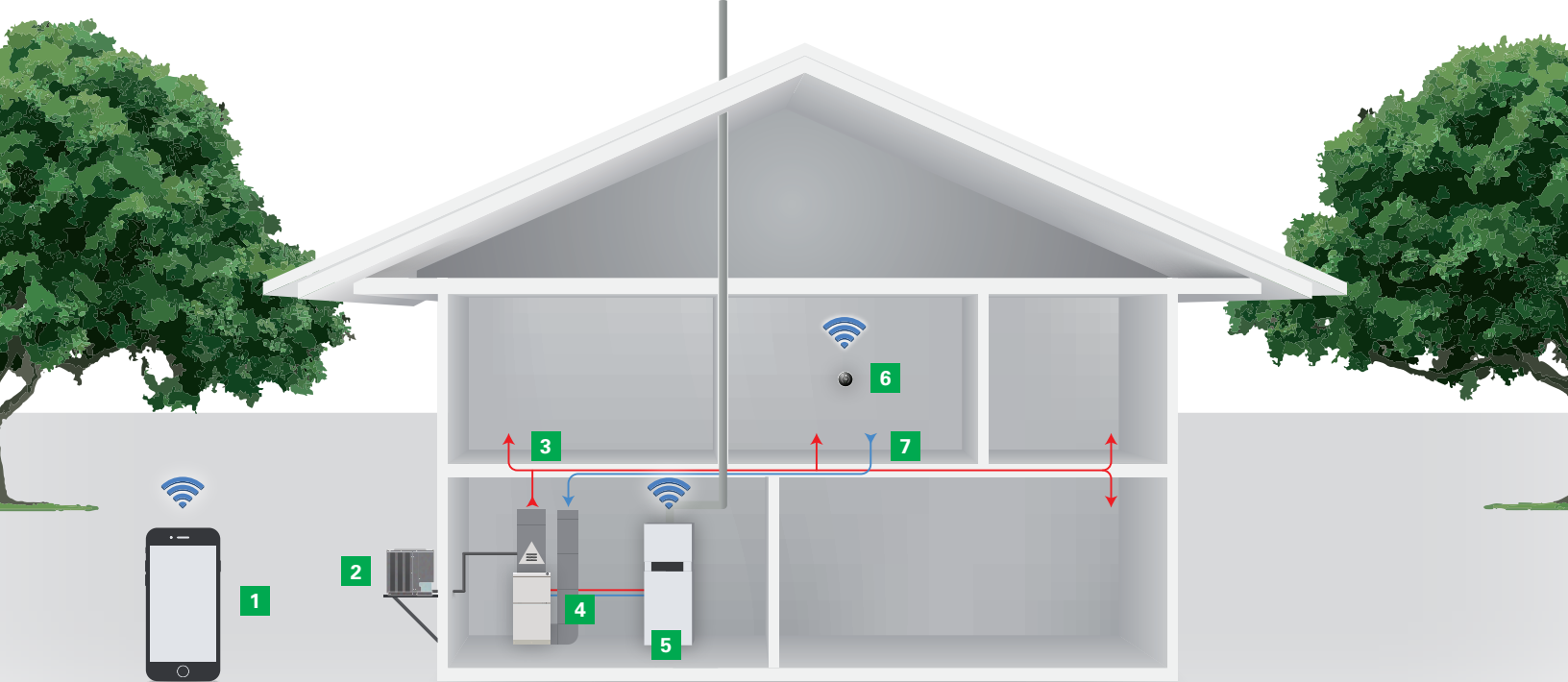
The Viessmann Nu-Air HA provides numerous installation configurations in homes and small commercial buildings.

The versatile design allows the HA to be installed in an upflow, downflow, or horizontal configuration to suit your particular application. For ease of duct work installation, the Viessmann Nu-Air HA Series is equipped with an integrated filter rack.

Industry-leading safety and protection

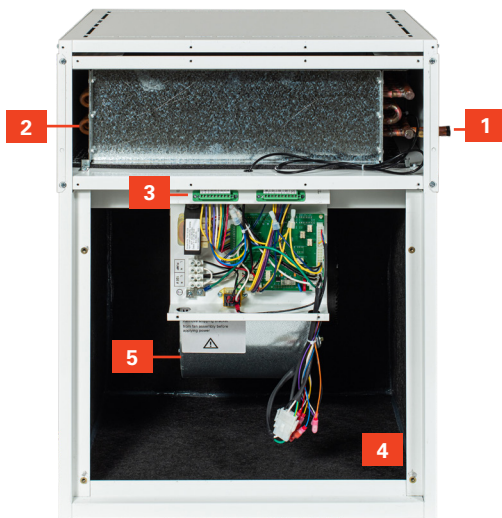
Built-in control sensors provide A/C cooling coil protection and heating coil protection, the Viessmann Nu-Air HA provides whole house freeze protection, in case of thermostat failure. This ensures your system will run safely for years to come.

* ECM Electronically Commutated Motor
PSC Permanent Split Capacity



System technology from Viessmann

- | | | |
|--------------------------|----------------------|---------------------|
| 1 Vitotrol app | 4 Air handler | 7 Return air |
| 2 Air conditioner | 5 Boiler | |
| 3 Supply air | 6 Thermostat | |



NU-AIR HA SERIES

- 1** Hydronic supply/return connections
- 2** Heating coil
- 3** Connections for up to 3 thermostats (for 3 zones and outputs for 3 zone dampers)
- 4** Acoustic sound reduction insulation
- 5** Blower motor and controls

BENEFITS AT A GLANCE

- + Total comfort: delivers warm comfortable conditioned air, warmer than heat pumps and many furnaces
- + Engineered and balanced with extra insulation for quiet operation
- + Dependable: manufactured to precise specifications, using high performance components
- + Unit mounts in any direction- upflow, downflow or horizontal discharge right or left. External filter rack for other return air options (included)
- + Built-in safety sensors provide whole house freeze protection, in case of thermostat failure
- + Prewired for heating, cooling, and electronic air cleaners
- + All models are compatible with standard or digital thermostats
- + All designs include filter rack

Technical Information

NU-AIR HA SERIES



Technical Data

Model		HA 6018	HA 8524	HA 9836
Motor (ECM)	hp	1/2	1/2	3/4
Motor rated amps- loaded	AMPS	6.1	6.1	9.2
Electrical	VOLTS/PH/HZ	120/1/60	120/1/60	120/1/60
Heating BTUH (kW)				
	°F (°C)	120 (49)	25,000 (7.4)	34,000 (10.0)
	°F (°C)	140 (60)	35,000 (10.3)	49,000 (14.4)
	°F (°C)	160 (71)	46,000 (13.5)	63,000 (18.5)
	°F (°C)	180 (82)	56,000 (16.4)	78,000 (23.0)
Flow	USG/min (L/H)	5 (1135)	7 (1590)	7 (1590)
Nominal Air Flow	CFM	700	900	1200
Cooling Capacity	tons	1 to 2	2 to 2.5	2 to 3
Cabinet Dimensions	D x W x H in. (mm)	19 1/4 X 22 3/4 X 29 (487 X 575 X 737)	21 1/4 X 22 3/4 X 31 1/2 (539 X 575 X 800)	21 1/4 X 22 3/4 X 31 1/2 (539 X 575 X 800)
Supply Air Opening	in. (mm)	16 x 20 (406 x 508)	20 x 20 (508 x 508)	20 x 20 (508 x 508)
Return Air Opening	in. (mm)	14 x 14 (356 x 356)	18 x 18 (457 x 457)	18 x 18 (457 x 457)
Shipping Weight	lbs (kg)	76 (35)	93 (42)	94 (43)

