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# NDB

## Premium Vertical AHU

### Spec Air Handling Product

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*Magic Aire*

# NDB Features

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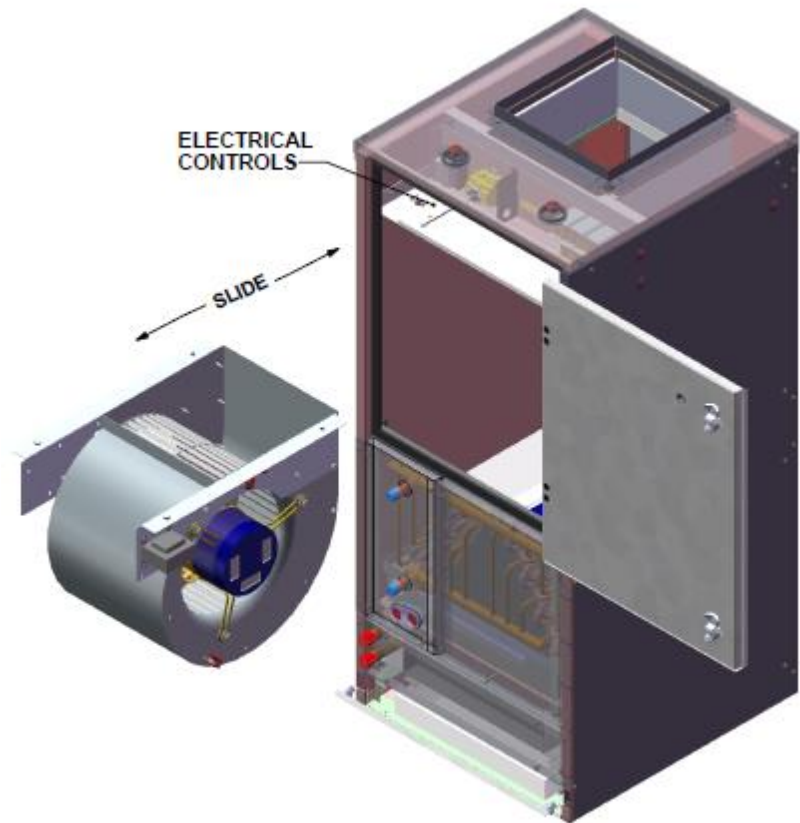
- Size:
  - 800 – 2000 CFM
- ECM direct-drive blower
- Double wall construction
  - Optional IAQ coated liner
- Phenolic coated and Stainless Steel casing
- Coil Options
- Cooling Coils (A-coil):
  - CW
  - DX (R-22 and R-410A)
    - Single and Dual circuit R-410A
- Heating Coils:
  - 2 & 3 row HW
    - 10, 12, & 14 FPI
    - 1/2" & 3/8" Tube
  - Steam, Std and High Capacity
- Single phase unit voltage
  - 115V, 208-230V, 277V
- Filters:
  - 2" throw away (TA)
  - 2" Pleated (MERV 8)



- Drain Pans:
  - Plastic
  - Stainless Steel (SS)

# NDB Features, cont'd

- Vertical (std) or horizontal-rear discharge option
  - Field convertible option
- Integral door disconnect switch
- Variable fan speed:
  - Unit mounted potentiometer
  - Field provided 4-20mA fan signal
  - Field provided 0-10VDC fan signal
- Hinged access panel to blower
  - Motor/blower assembly slides out for service
  - Removable for more clearance
- Hinged filter door
- Front access for nearly all maintenance/installation requirements
- Accessories:
  - Return plenum with  $\frac{3}{4}$ " FFCC insulation



# Premium Vertical AHU

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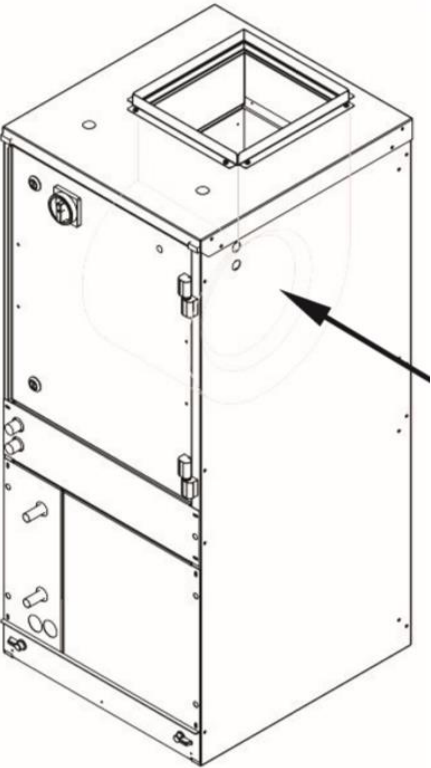
- Applications:
  - Assisted living
  - Classrooms
  - Condominiums
  - Nursing homes
- Small footprint for tight mechanical rooms



# NDB Fans

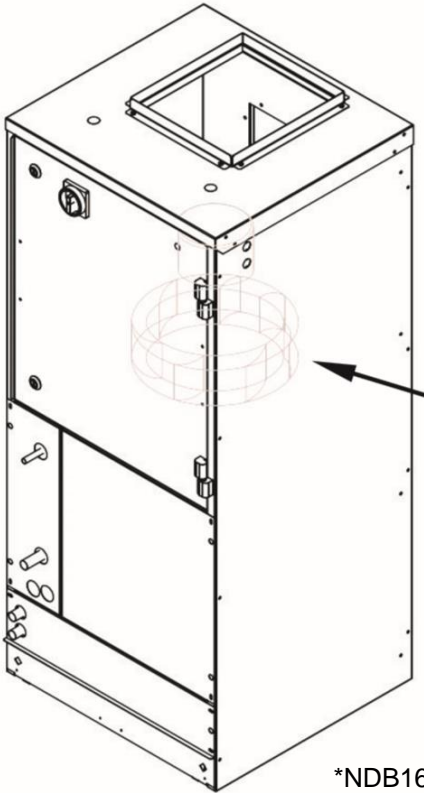
## NDB08/12

Forward curved for quiet, efficient operation



## NDB16/20

Plenum and forward-curved fan options\*

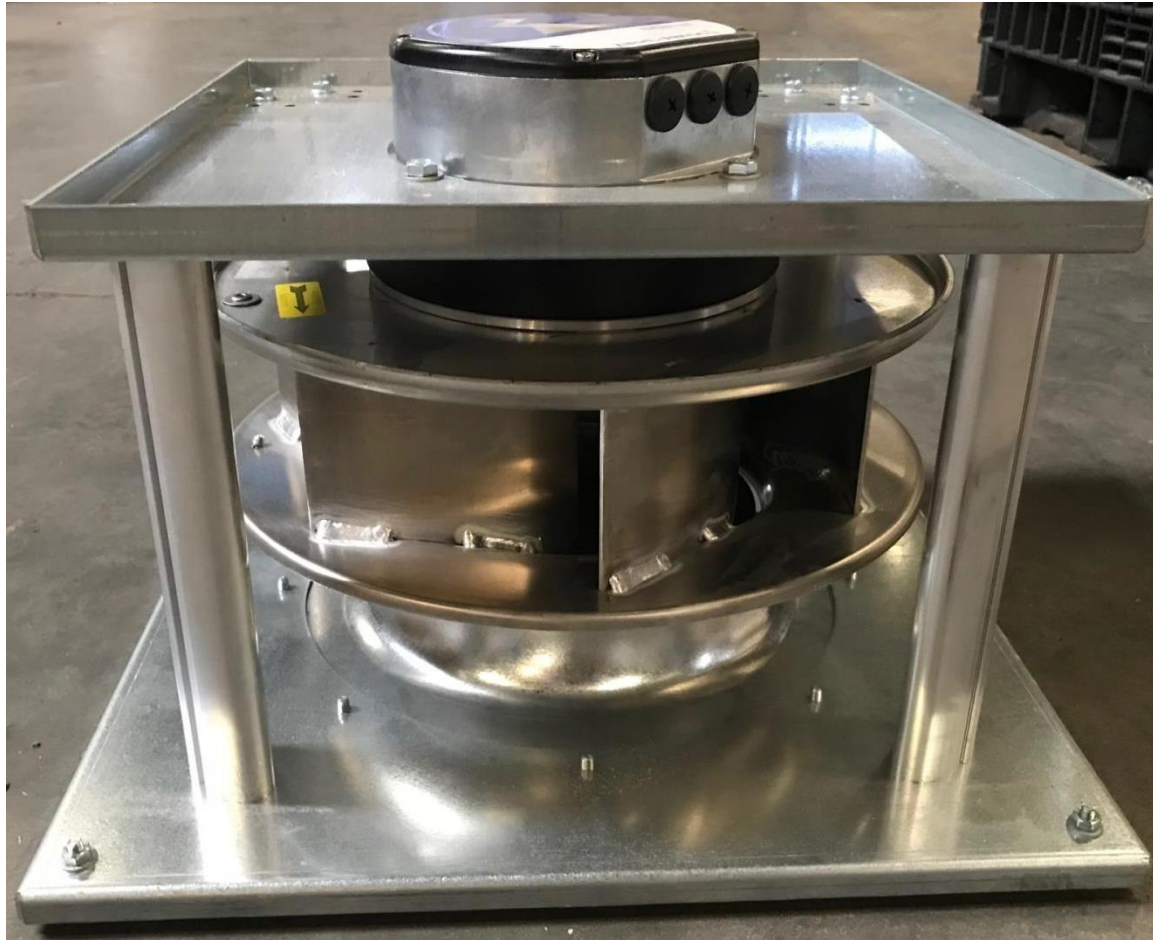


\*NDB16/20 with FC fan coming soon

# NDB Plenum Fan

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NDB16/20



# NDB Future Offerings

- Field installed electric heat (shown)
- Larger cabinet sizes
  - 3000 and 4000 CFM
- Plenum:
  - Option 1: 4" filter
  - Option 2: Low leak dampers
- Single wall option

