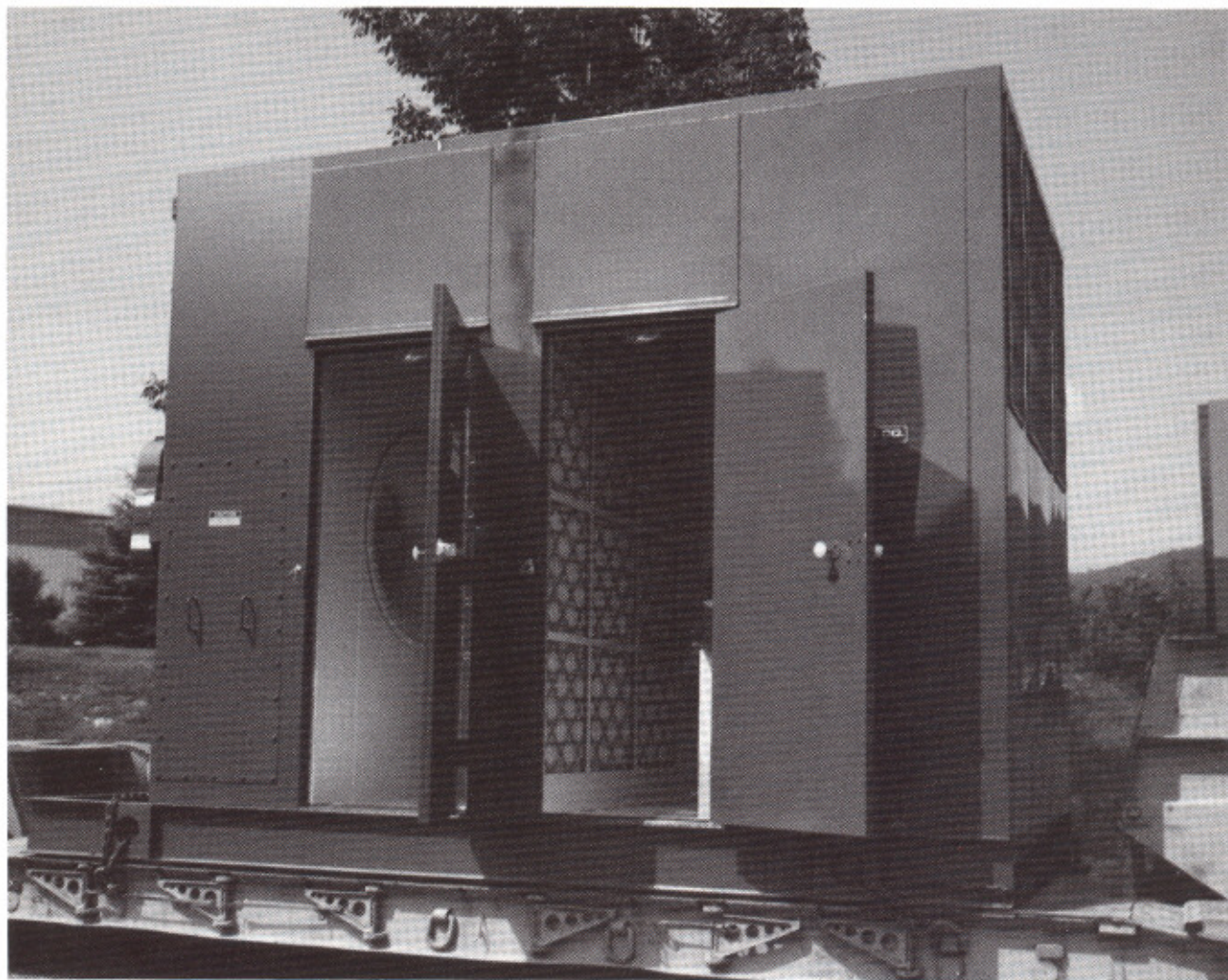


BUSCH N-DUR-AIR

Heavy Duty Air Handling and Filtration Unit



Provides ventilation in environments subject to dust, corrosion and heat

The BUSCH N-DUR-AIR is a rugged, factory assembled air handling Unit intended for use in harsh environments. Custom designed for each industrial application, the Unit is available in sizes from 200 to 200,000 SCFM.

Air filtration is accomplished with a variety of particulate filters, depending upon the required cleanliness and duty. Prefilters can be included to extend the life of final filters. Filtration efficiencies of 30% to 95% per ASHRAE 52.1-92 are available. The N-DUR-AIR is used in industrial environments where ambient dust loads are moderate.

The primary advantages of the N-DUR-AIR Unit in

comparison to conventional air handling equipment are its robust construction and its design versatility. The equipment is fully preassembled in the factory and is available with starters and electrical controls.

Selection of housing materials, housing assembly, Unit arrangements and filtration methods result in the most economical industrial air handling Unit available. The N-DUR-AIR provides a clean environment for electrical equipment rooms and other industrial processes and control areas.

DESIGN AND CONSTRUCTION

The **N-DUR-AIR** Unit is custom designed to suit site requirements. Capacity, Unit arrangement and dimensions, number of filters, location and size of duct connections, materials of construction and wiring can be modified to meet individual user specifications. Unit pre-assembly assures simplified installation and proper operation.

Standard construction of the **N-DUR-AIR** includes a structural base, steel floor plate and rugged steel housing. Reinforcement for housing and floor panels is closely spaced to minimize deflection. Fully welded, stitch welded or bolted housing construction is available. Industrial quality fans are selected to meet the specified duty. Electrical enclosures are NEMA 12 with wiring in rigid conduit. Optional electrical enclosures to suit specific plant standards can be provided.

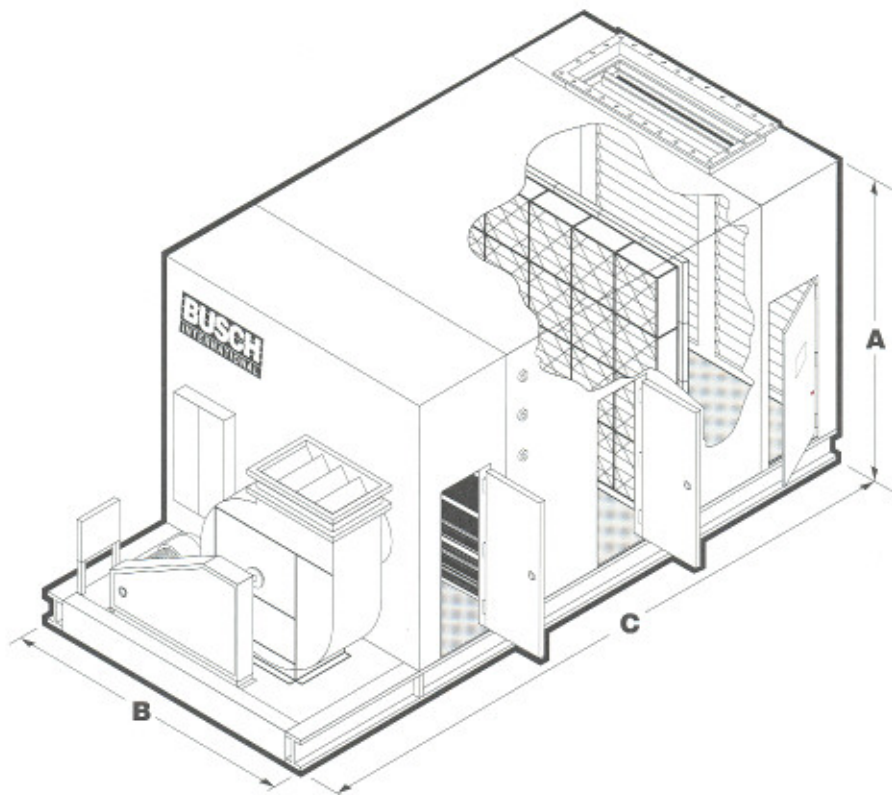


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DIMENSIONAL DATA

MODEL NO.	CAPACITY SCFM	DIMENSIONS		
		A	B	C
ND-020	20,000	6'-6"	7'-0"	10'-0"
ND-030	30,000	8'-0"	8'-6"	13'-0"
ND-040	40,000	9'-0"	10'-0"	15'-6"
ND-050	50,000	10'-0"	12'-0"	19'-6"
ND-060	60,000	12'-0"	12'-0"	21'-6"
ND-075	75,000	13'-6"	13'-0"	21'-6"
ND-100	100,000	13'-6"	19'-0"	21'-6"
ND-150	150,000	13'-6"	25'-6"	21'-6"

Dimensions include return air opening, 2 stage filtration and heat exchanger. Other capacities are available.



ACCESSORIES AND OPTIONS

- Gas, oil, steam or electric heating
- Humidification
- Acid gas adsorption
- Thermal or sound insulation
- Variable speed drives
- Alternate paint systems
- Evaporative, DX or chilled water cooling
- Stainless, galvanized or aluminum construction
- HEPA safety filters
- Air mixing dampers
- IAQ filtration
- Support steel and platforms
- Vanaxial fans
- Housed or unhoused fans