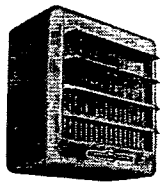
HERMAN NELSON

Division of the American Air Filter Company, Inc.

Louisville, Kentucky • Moline, Illinois

Branch Offices and Product-Application Engineers in the Following Cities:

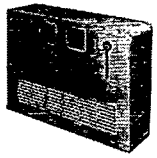
Atlanta, Ga.	Detroit, Mich.	Milwaukee, Wis.	Portland, Ore.
Baltimore, Md.	Duluth, Minn.	Minneapolis, Minn.	Richmond, Va.
Boston, Mass.	Grand Rapids, Mich.	Missoula, Mont.	Saginaw, Mich.
Buffalo, N. Y.	Greensboro, N. C.	Moline, Ill.	St. Louis, Mo.
Cape Elizabeth, Me.	Houston, Tex.	Nashville, Tenn.	Salt Lake City, Utah
Chicago, Ill.	Indianapolis, Ind.	New Orleans, La.	San Antonio, Tex.
Cincinnati, O.	Jackson, Miss.	New York, N. Y.	San Francisco, Calif.
Cleveland, O.	Kansas City, Mo.	Oklahoma City, Okla.	Seattle, Wash.
Columbus, O.	Los Angeles, Calif.	Omaha, Neb.	Spokane, Wash.
Dallas, Tex.	Louisville, Ky.	Philadelphia, Pa.	Springfield, Mass.
Denver, Colo.	Memphis, Tenn.	Phoenix, Ariz.	Syracuse, N. Y.
Des Moines, Iowa	Miami, Fla.	Pittsburgh, Pa.	Washington, D. C.



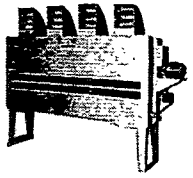
HERMAN NELSON HORIZONTAL SHAFT PROPELLER-FAN TYPE UNIT HEATERS. Designed for ceiling suspension, these unit heaters project warm air downward in an angular direction. Copper heating element for use with steam or hot water, incorporates patented stay tube which maintains proper relationship between headers without increasing strain on loops thus prolonging life of unit. A wide variety of models, sizes and arrangements.



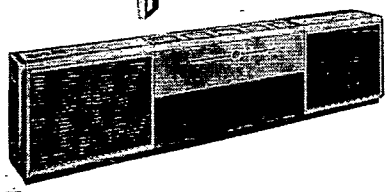
HERMAN NELSON VERTICAL SHAFT PROPELLER-FAN TYPE UNIT HEATERS. For high ceiling installations. Discharge air vertically downward, or at an angle to vertical in various directions. Long life copper heating element for use with steam or hot water incorporates patented stay tube. Units available with either high or low velocity discharge, each with a wide range of capacities.



HERMAN NELSON DE LUXE UNIT HEATERS. Efficient economical, compact, quiet and attractive, these Unit Heaters provide the ideal method for heating offices, showrooms, corridors, markets, stores, etc. Copper heating element incorporates patented stay tube. Units may be placed on floor, wall or suspended from ceiling. Eighteen models, sizes and arrangements.



HERMAN NELSON CENTRIFUGAL-FAN TYPE UNIT HEATERS. The Herman Nelson Centrifugal-Fan Type Unit Heater can be applied to solve a multitude of heating and ventilating problems. With 1,890 combinations of models, sizes and speeds available, there is a unit to fit the average requirements of commercial and industrial buildings of all types.



HERMAN NELSON DRAFT/STOP UNIT VENTILATORS . . .The DRAFT/STOP Unit Ventilation System developed by Herman Nelson employs a new design principle. Drafts are trapped before they can reach classroom occupants. Cold drafts are prevented from circulating throughout the room to create constantly changing temperature levels. DRAFT/STOP produces abundant fresh air of even temperature . . . a truly healthful atmosphere that minimizes the possibility of health hazards. The system is quiet, has a smart modern appearance and is economical, being almost entirely free of maintenance problems.

Herman Nelson Unit Heaters and Unit Ventilators are tested and rated in accordance with the Standard Test Code adopted jointly by the *Industrial Unit Heater Association* and The American Society of Heating and Ventilating Engineers.

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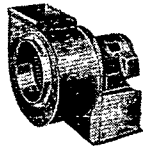
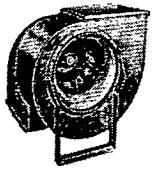
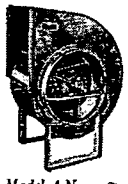
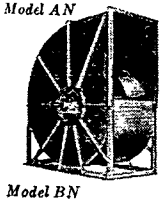






Model AN



Model BN

HERMAN NELSON DIRECT DRIVE PROPELLER FANS. Provide economical and high quality ventilation for industrial buildings of all types. 11 standard sizes available with wheel diameters from 10 to 36 in. and capacities from 655 to 12,400 cfm. There are 7 high powered models to operate against static resistance of ⅜ in., with wheel diameters from 14 to 36 in., and capacities from 1,800 to 14,600 cfm. Also three models especially adapted to small store and office applications. Standard Models available with two speed motors.

HERMAN NELSON BELT DRIVE PROPELLER FANS. For public and commercial building installations where slow speed, quiet operation are required. Twelve sizes of the standard model with wheel diameters from 24 in. to 54 in. Also six sizes of the High Powered model with the same wheel diameters. Capacities: 5,650 to 36,150 cfm. Due to quiet operation of Herman Nelson Belt Drive Propeller Fans, use of two speed motor is unnecessary.

HERMAN NELSON DIRECT DRIVE UNIT BLOWERS. Designed for many applications, such as fume hoods, toilet ventilation, chemical laboratories, industrial processing and drying problems. Compact, direct connected, motor driven units have universal discharge and mount on floor, wall or ceiling. Available in five sizes with 12 speed combinations. Wheel diameters from 4½ in. to 11 in. and capacities from 160 to 2,265 cfm.

HERMAN NELSON BELT DRIVE UNIT BLOWERS. Fully self-contained unit including motor, drives and housing; slow speed or non-overloading type wheels available; adjustable motor pedestal with vibration dampers; universal discharge; ten sizes with 92 drive combinations. Available with any rotation and discharge. Wheel diameters from 9½ in. to 30 in. and capacities from 700 to 18,303 cfm.

HERMAN NELSON CENTRIFUGAL FANS. Herman Nelson Centrifugal Fans are designed and constructed for smooth, efficient, long-life operation on any system requiring the use of a Class I or II centrifugal fan. These fans are available in either slow speed or non-over-loading type; 17 wheel diameters from 12¼ to 73 in.; single or double width; 8 arrangements for direct or belt drive; and any rotation or discharge.

Herman Nelson Propeller and Centrifugal Fans are tested and rated in accordance with the Standard Test Code adopted jointly by the *National Association of Fan Manufacturers* and The American Society of Heating and Ventilating Engineers.