

John J. Nesbitt, Inc.

Established 1894

Manufacturers of The Universal Unit Ventilation System

EXECUTIVE OFFICE AND FACTORY:

State Road and Rhawn St., Holmesburg Junction, Philadelphia, Pa.

Branch Office

NEW YORK CITY

JOHN J. NESBITT, INC., 405 Lexington Avenue

Sold by AMERICAN BLOWER COMPANY, Detroit, Mich., through following branch offices:

ATLANTA, GA.,
Allen Building
BALTIMORE, MD.,
American Building
BIRMINGHAM, ALA.,
American Trust Building
BOSTON, MASS.,
10 High Street
BUFFALO, N. Y.,
White Building
CHARLOTTE, N. C.,
Piedmont Building
CHICAGO, ILL.,
140 S. Dearborn Street
CINCINNATI, OHIO,
Keith Building
CLEVELAND, OHIO,
Swetland Building
COLUMBUS, OHIO,
First National Bank Building
DALLAS, TEXAS,
Mercantile Bank Building
DAVENPORT, IOWA,
Kahl Building
DENVER, COLO.,
228 California Street
DETROIT, MICH.,
2539 Woodward Avenue

EL PASO, TEXAS,
Border National Bank Building
GRAND RAPIDS, MICH.,
Shepard Building
INDIANAPOLIS, IND.,
Continental Bank Building
KANSAS CITY, MO.,
Mutual Building
LOUISVILLE, KY.,
428 S. Fifth Street
LOS ANGELES, CALIF.,
Detwiler Building
MILWAUKEE, WIS.,
Majestic Building
MINNEAPOLIS, MINN.,
800-6 La Salle Avenue
NEW ORLEANS, LA.,
521 Baronne Street
NEW YORK CITY, N. Y.,
50 Church Street
OMAHA, NEB.,
Peters Trust Building
PHILADELPHIA, PA.,
Otis Building
PITTSBURGH, PA.,
Oliver Building
PORTLAND, ORE.,
Spaulding Building

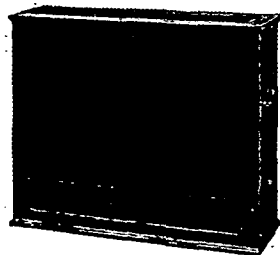
ROCHESTER, N. Y.,
Cutler Building
SALT LAKE CITY, UTAH,
Dooley Building
SAN FRANCISCO, CALIF.,
Rialto Building
SEATTLE, WASH.,
Leary Building
SCHENECTADY, N. Y.,
147 Jay Street
ST. LOUIS, MO.,
Boatman's Bank Building
SYRACUSE, N. Y.,
1611 E. Genesee Street
TACOMA, WASH.,
1127 St. Paul Avenue
Canadian Sirocco, Ltd.
MONTREAL,
144 Inspector Street
CALGARY,
605 W. Second Street
WINNIPEG,
567 Banning Street
VANCOUVER,
612 Standard Bank Building
WINDSOR,
McDougall and Banwell Streets

Products

Manufacturers of the UNIVERSAL combined heating and ventilating Units. (Portable Unit ventilators), also UNIVERSAL air filters.

Universal Unit System of Heating and Ventilating

A mechanical system of ventilation for supplying fresh warm air directly from outdoors for use wherever good ventilation is required and particularly suitable for school house ventilation.



THE UNIVERSAL UNIT
The Standard by Which All Other Makes
are Measured
Trade Mark Reg. U. S. Pat. Office

Universal Combined Heating and Ventilating Units

The cabinet of the UNIVERSAL UNIT is constructed of No. 14 gage cold rolled, stretched leveled, pickled and oiled first quality furniture stock steel. All parts of the UNIVERSAL UNIT are finished in olive green, sprayed and baked to a smooth hard finish.

Fans

UNIVERSAL Fans are of the multi-blade low speed double inlet type, designed to operate at 800 r.p.m., plus or minus 5 per cent. The fans are rigidly constructed of aluminum with special care given to balance. Fans are mounted on double extended ends of the motor shaft.

Motor

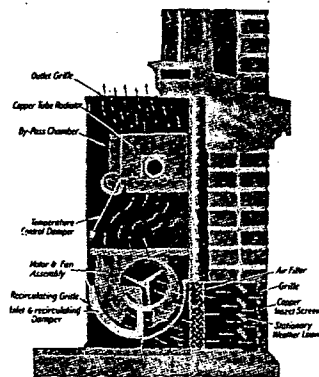
Motor of UNIVERSAL UNIT can be supplied for quiet operation on any character of current. The use of a motor generator set is no longer necessary with this system.

Three-Point Lead Mounting

The motor and fan, assembly of the UNIVERSAL UNIT is mounted in the cabinet on three steel ball points. These points rest on lead liners, supported by angles from the side of the casing. This three-point lead mounting has made possible the use of alternating current motors with a permanent and rigid supporting device.

Universal Unit Radiator

Standard UNIVERSAL UNITS are provided with 106.25 sq. ft. of prime surface, extruded copper tube radiation. The radiator weighs only 61 pounds complete. This radiator is composed of a plurality of individual, thin walled, seamless copper tubes the ends of which are hexagonal and assembled resemble a true honey-comb in appearance. The steam is free to flow between the tubes in both a vertical and horizontal direction. The air flows through the tubes, so that the tubes are entirely surrounded by steam on one side and swept by air on the other side, which means 100 per cent prime surface.



Vertical section, end removed, UNIVERSAL UNIT, Series No. 14-3643. Fresh air intake through wall box and grille near bottom of Unit. This Unit can be recessed to depth of 4 in. as shown, recess must be 60 in. long by 36 in. high, or can be recessed 2 in. in 43 in. long recess 36 in. high. Standard practice places the Unit flush with the inside wall.

Temperature Control Damper

The UNIVERSAL UNIT is provided with a temperature control damper, which can be manually or thermostatically operated to regulate the temperature of air from Unit.