

ESTABLISHED 1894

John J. Nesbitt, Inc.

Manufacturers of
The Universal Heating and Ventilating Unit

Executive Offices and Factory
State Road and Rhawn Street, Holmesburg Junction, Philadelphia, Pa.

Branch Office, 405 Lexington Avenue, New York City

Sales and Service Through Offices of the American Blower Co.
In all Principal Cities of United States and Canada

Products

Manufacturers of the "UNIVERSAL" combined Heating and Ventilating Unit (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 out of doors for use wherever good ventilation is required and particularly suitable for school house ventilation.

"UNIVERSAL" Combined Heating and Ventilating Unit

The Unit is built in sizes ranging from 500 to 4000 c.f.m.

Cabinet Size

Capacity C.f.m.	Height Inches	Length Inches	Depth Inches
400-750	36	27	14
900-1500	36	43	14
2000	48	43	18

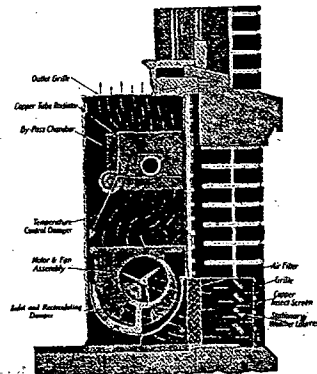
All sizes can be arranged for floor or ceiling mounting.

Motor

The motor of the "UNIVERSAL" Unit is supplied for quiet operation on any character of current. The use of a motor generator set is no longer necessary with this system, but will be furnished upon request.

Volume Control

When a fine adjustment is desired for obtaining either a larger or smaller volume of air than a given set of fans discharge from a given line voltage, air volume regulators will be furnished. Air volume regulators consist of curved plates, which may be readily adjusted to further open or close the fan discharge opening. The reduction of the air delivery results in a corresponding reduction of current consumed.



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 8 in. in 43 in. long recess 36 in. high. Standard practice places the Unit flush with the inside wall.

Radiator

Standard "UNIVERSAL" Units are supplied with a radiator which consists of horizontal seamless copper tubes, the ends of which are connected to a cast iron header by means of ground joints. Over these tubes are hydraulically pressed thin copper plates or fins properly spaced. Hydraulic pressure insures absolute heat transfer from tube to fin, making the whole a highly efficient unit. This type is particularly sturdy and rigid and will give permanent service. Tested at 100 lb. pressure.

"UNIVERSAL" Air Filters

The use of air filters is especially recommended for buildings located in congested manufacturing districts, or where the air is heavily laden with dust or soot. "UNIVERSAL" air filters are the adhesive impingement type, designed to fit in the fresh air intake of the "UNIVERSAL" Unit. In this location the velocity of air over the entire surface of the filter is uniform with the result that an equal amount of work is imposed throughout its entire area. Combined with this ideal location is a set arrangement, which provides ease and simplicity of removal and replacement, when cleaning is necessary.

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.

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.

Catalogue and Engineers' Data Book

A copy of our "Catalogue and Engineers' Data Book" containing complete engineering data, specifications, etc., on "UNIVERSAL" Unit Ventilation System, will be furnished upon request to our executive office.

Pecco Incorporated

Main Office and Factory

2957 North Market Street

St. Louis, Missouri, U. S. A.



District Sales Offices

DAVENPORT, IOWA
COLUMBUS, OHIO

CINCINNATI, OHIO
BALTIMORE, MD.

NEW YORK, N. Y.
BOSTON, MASS.

CHICAGO, ILL.
PITTSBURGH, PA.

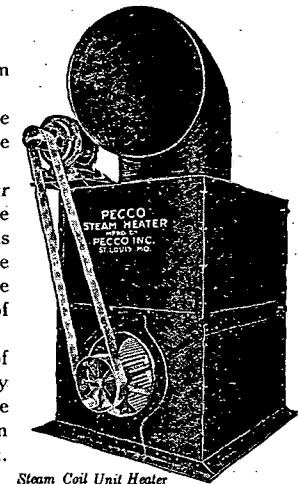
Pecco Steam Units

PECCO UNIT HEATERS are built in two types, Steam Coil and Direct Fired.

The advantage of these units as illustrated, is in the fact that they are designed to operate in accordance with natural laws.

The cooler air is drawn off the floor and the warm air discharged out in a horizontal direction above the working zone. In this way a constant circulation is maintained in the working zone which produces more uniform temperatures and keeps the heat down where it is wanted. This circulation prevents excessive loss of heat to the upper levels.

PECCO HEATERS are built to the highest kind of standards. The steam coils are guaranteed for any steam pressure up to 125 lb. and the fan units are of the very best design, carefully balanced and operating on ball bearings. Capacities range from 130,000 B.t.u. to 1,700,000 B.t.u. when recirculating air at 60 deg.



Steam Coil Unit Heater



Direct Fired Type

Direct Fired Type

The PECCO DIRECT FIRED HEATER, which burns either coal, coke, gas, wood or oil, is built on the same principle as the Steam Unit and is just as effective in maintaining proper temperatures near the floor over large areas.

We also manufacture a light weight copper tube fin type heater for smaller buildings or special conditions.

We maintain an organization of experienced heating engineers who are ready to serve you in working out your heating problems. Ask for catalogs or for the assistance of our engineers.