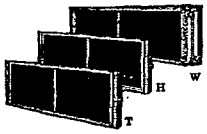
JOHN J. NESBITT, INC.

State Road and Rhawn Street, Philadelphia 36, Pa.

SALES: HEATING AND COOLING SURFACE sold by representatives of John J. Nesbitt, Inc.;
SYNCRETIZERS, AUDICON, ROOMMATE, WIND-O-LINE & THERMOVENTS sold by Nesbitt and American Blower Corporation;
BASEBOARD RADIATION & GAS FIRED UNIT HEATERS sold through Wholesalers;
SILL-LINE RADIATION & UNIT HEATERS sold by John J. Nesbitt, Inc.

Products: Heating, Ventilating and Air Conditioning Equipment — Heat Transfer Surface (steam and water), Heating and Ventilating Units, Baseboard Radiation, Sill-line Radiation, and Unit Heaters (steam, water and gas-fired).

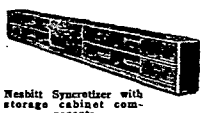


NESBITT HEATING AND COOLING SURFACE

Series T. Trombone shaped tubes distribute even smallest amount of steam uniformly under modulating valve control. Maximum freeze-up protection. Ideal for pre-heating outdoor air. Available with steam and condensate connections at same or opposite ends. Copper tubes. Aluminum or copper fins. Lengths 12″ to 120″. *Publication 305-1.*

Series H. Efficient blast-coil surface for general heating, ventilating and air conditioning, or drying in high and low pressure systems. Seven types; full range of sizes, capacities. *Publication 301-1.*

Series W. For cooling, dehumidifying or heating. Type WD has exclusive Nesbitt drain feature Surface pitched in casting. Freeze proof. Type WB for booster heating or air cooling where drain is unnecessary. *Pub. 246.* Type WC features cleanable tube sections. *Pub. 255.*



Nesbitt Syncretizer with storage cabinet components

THE NESBITT SYNCRETIZER

The heating and ventilating unit for classrooms that provides quick, economic heat without overheating; draft-free ventilation and natural cooling when needed. A fully automatic, quiet operating unit adaptable to four cycles of control. Models to deliver from 750 to 1560 c.f.m. anemometer rating. *Publication 10-1.*



Wind-O-Line (circled) in rear channel of Nesbitt storage cabinets

NESBITT WIND-O-LINE RADIATION SYSTEMS

Finned radiation, operating in conjunction with the Syncretizer, solves special problems of cold windows and walls. May be concealed by wall hung enclosures or storage cabinets. Provides positive protection against downdraft. 450, 550 and 700 Btu ft. capacities. *SERIES WIND-O-LINE SYSTEM* combines the Syncretizer with Wind-O-Line Radiation on a hot water system to reduce mechanical costs and, at the same time, increase the efficiency and quality of the system. *Publication 10-1.*

NESBITT SERIES T THERMOVENTS

For heating and ventilating large auditoriums, gymnasiums, cafeterias, assembly halls and similar gathering places, Nesbitt Series T Thermovents are available in capacities up to 15,000 c.f.m. standard. For high- or low-pressure applications, steam or hot water. Acoustically "silenced" for *quiet* operation. *Pub. 20-1.*

THE NESBITT YEAR-ROUND SYNCRETIZER

Quietly promotes classroom learning by providing balanced heating, ventilation and natural cooling during cold weather... ventilation and mechanical cooling during hot, humid weather. Fully automatic. One-piece motor and fan assembly. Models from 500 to 1500 c.f.m. *Publication 11-1.*



THE NESBITT AUDICON

Sound engineered for large occupancy spaces such as auditoriums, libraries, cafeterias. Provides heating, ventilating and natural cooling in *winter;* ventilating and mechanical cooling in summer. The latter may be installed initially, or added at a later time. Available in high or low pressure models from 1,250 or 15,000 c.f.m. Cooling from 3 to 60 tons. Heating capacities from 40,000 to 1,500,000 Btu. *Publication 22-1.*



THE NESBITT ROOMMATE

A year-round cabinet conditioner for both winter heating and summer cooling. 7 Standard models. Complete range of *air volumes* from 200 to 1400 c.f.m.; cooling capacities 1 to 5 tons; heating capacities 25 to 100 MBH. Large variety of recessed, semi-recessed, universal and built-in arrangements possible due to versatility of intake and discharge locations. Outdoor air dampers optional. Install for heating only, if desired...add mechanical cooling in future. *Publication 600-1.*



NESBITT SILL-LINE RADIATION

High capacity finned radiation for perimeter heating in commercial and institutional buildings. Attractive 16-gauge enclosure, rigid one-piece back. Five casing styles, 8 lengths in baked enamel finish. Code ratings, 2.9 to 12.1 sq. ft. EDR. *Publication 30-1.*

NESBITT UNIT HEATERS



Propeller-Fan Unit Heater

Propeller-Fan Unit Heaters feature universal coils of continuous-tube design — perform equally well with either steam or hot water. Made for high water capacities and temperature drops. Male coil connections through casing rear provide maximum headroom. Sound rated in accordance with A.M.C.A. test code. Modern heavy gauge steel casing; green hammered-tone finish. Eight basic sizes, 24 models, *15,000 to 335,000 Btu/hr. Publication 401.*



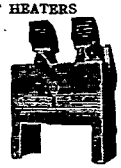
Little "Giant"

Little Giant Unit Heaters. Versatile, draw-through propeller fan units in 34 models from 34,000 to 684,000 Btu/hr; universal heating elements for steam or hot water; side piping for close-to-ceiling mounting; wide variety of outlets; code rated for sound and capacity. *Publication 402.*



Series A Cabinet Heater

Series A Cabinet Heaters for steam or hot water. Smartly styled, compact, quiet, trouble free. Ideal for offices, lobbies, corridors. 7 Standard models, 71 to 545 sq. ft. EDR; 265 to 1860 c.f.m. Four Blow-Through types have direct drive fan assembly. Three Draw-Through types available with belt drive fan assembly. Available for recessed, semi-recessed or non-recessed mounting. Full selection of intake and outlet locations. *Publication 403.*



"Giant" Unit Heater

"Giant" Blower-Fan Unit Heaters. Economical heat for large areas. Floor-mounted, wall-mounted, ceiling suspended types in wide capacity range. Giants of efficiency and endurance. Twelve sizes, choice of 10 heating elements, steam or hot water; 1, 2, or 3 fans; for heating and/or ventilating; from 2000 to 28000 c.f.m., 83,000 to 1,735,000 Btu. *Pub. 404.*



Gas Fired Unit Heater

Gas Fired Unit Heaters. New, light, compact Series K models provide clean, economical, automatically controlled heat for commercial and industrial applications. Ten sizes from 25,000 to 250,000 Btu per hour input; approved for all types of gases. Sound rated. *Publication 400.*

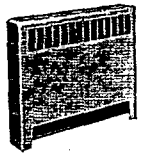
All ratings of Nesbitt Unit Heaters are based on tests made in accordance with the standard test code of the Air Moving and Conditioning Association and the American Society of Heating and Air Conditioning Engineers.

Young Radiator Company

DEPT. 549, RACINE, WIS.

HEATING, COOLING, AIR CONDITIONING PRODUCTS FOR HOME AND INDUSTRY, HEAT TRANSFER PRODUCTS FOR AUTOMOTIVE, AVIATION, AGRICULTURAL, INDUSTRIAL, GAS AND DIESEL ENGINE APPLICATIONS

***General offices*: Dept. 549, Racine, Wisconsin, U.S.A.**
Factories at Racine, Wisconsin and Mattoon, Illinois
Sales and Engineering Representatives in All Principal Cities

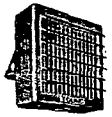


CONVECTORS & UNIT HEATERS

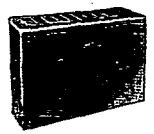
Convectors for steam or hot water systems are available in a wide range of sizes and six standard cabinet styles to fit all applications. Also available in institutional, low-level and bathroom models.



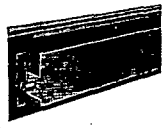
Vertiflow® Unit Heaters for use in steam or hot water systems are available in 22 models with sizes and capacities that range from 52,500 to 1,062,000 Btuh. Excellent for heating industrial buildings, garages, warehouses, and large high-ceiling airplane hangars. Outstanding Young feature is the through-stack motor *ventilation which provides motor cooling. Units* are fitted with Spreadaire diffusers, Anemostats, or Aerojet nozzles to meet specific air distribution requirements.



Type H Horizontal Unit Heaters are built in 15 models; with capacities from 19,000 to 325,000 Btuh; for steam or hot water systems.



Cabinet Type Unit Heaters are available in 3 sizes, with capacities from 29,900 to 117,300 Btuh, and in floor mounted, wall-hung, *inverted wall-hung, and horizontally suspended models.*

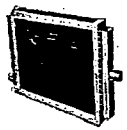


Perimaheat® Baseboard Convector for hot water service; *available in 6 and 8 ft lengths; capacity with 190 deg average* water 787 Btu per linear foot. Accessories include end caps, inside and outside corners, and optional splitters or dampers.



Gas-Fired Unit Heaters are available in eight sizes ranging in capacities from 50,000 to 230,000 Btuh input. Have welded corrosion-resistant aluminized steel combustion chamber and heat exchanger; other important design features.

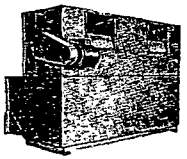
HEATING AND COOLING COILS

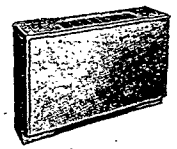


Young manufactures a complete line of heating and cooling coils for central heating or cooling systems. All steam coils are pitched in casing to allow proper condensate drainage.

AIR CONDITIONING UNITS

Young Type "CS" Central Station Air Conditioning Units are available in 10 sizes with capacities from 500 to 28,000 cfm, and in three models—Type H (Horizontal), Type V (Vertical), and Type MZ (Multizone). They can be assembled in any combination, from a simple ventilation installation to a complete air-conditioning system, including heating and humidifying, cooling and dehumidifying, and filtering. Their simplified sectional design makes it possible to select a unit to exactly fit the requirements of the job.





Young "Roomaire"® Conditioner is a remote-type room air-conditioning unit that provides year-round air-conditioning of individual rooms in multi-room installations. For use with hot water and chilled water systems. Individual controls. Four sizes—handling from 200 to 600 cfm with nominal cooling capacities of ½ to 1½ tons. Four models—F and CF for free standing or concealed floor installation; H for horizontal installation; CH for concealed horizontal installation.