# POWRMATIC, INC.

GENERAL OFFICE—400 Commercial Ave., Palisades Park, N.J., • SALES OFFICE—Finksburg, Maryland
OFFICES AND PLANTS IN CANADA • GREAT BRITAIN • NETHERLANDS

## POWRMATIC OIL UNIT HEATERS

### COMPARE FUEL COSTS WHEN SPECIFYING . . . OIL VS. GAS

Information supplied by the National Oil Fuel Institute, Inc. from a study of comparative heating costs for oil and gas in various areas of the country. Prices used average oil prices for the current heating season. Gas rates are taken from the Rate Service book of the American Gas Association. In some instances an area gas price was computed from the average of several local utilities' prices.

Oil prices, as well, reflect weighted averages and do not necessarily represent specific prices of fuel suppliers.

| Area | Tank Wagon Price ¢2 Fuel Oil Per Gallon (¢) | Cost of 150 Therms | | Heating Cost Differential Gas above Oil (%) |
|---|---|---|---|---|
| | | Oil ($) | Gas ($) | |
| Boston, Mass. | 15.7 | 16.94 | 22.36 | 32.0% |
| New Haven, Conn. | 15.5 | 16.73 | 35.89 | 114.5% |
| Providence, R. I. | 14.7 | 15.87 | 21.60 | 36.1% |
| Baltimore, Md. | 14.6 | 15.75 | 19.35 | 22.9% |
| Newark, N. J. | 15.0 | 16.19 | 24.03 | 48.4% |
| Long Island, N. Y. | 15.7 | 16.94 | 25.15 | 48.5% |
| Philadelphia, Pa. | 15.0 | 16.19 | 19.57 | 20.9% |
| Jacksonville, Fla. | 15.9 | 17.15 | 26.19 | 52.7% |
| Savannah, Ga. | 16.5 | 11.87 | 13.15 | 10.8% |
| Chattanooga, Tenn. | 16.0 | 11.51 | 14.05 | 22.1% |
| Norfolk, Va. | 14.0 | 10.07 | 14.57 | 44.7% |
| Reno, Nevada | 17.2 | 18.56 | 22.96 | 23.7% |
| Portland, Ore. | 14.9 | 16.08 | 18.25 | 13.5% |
| Seattle, Wash. | 15.4 | 17.28 | 21.29 | 23.2% |

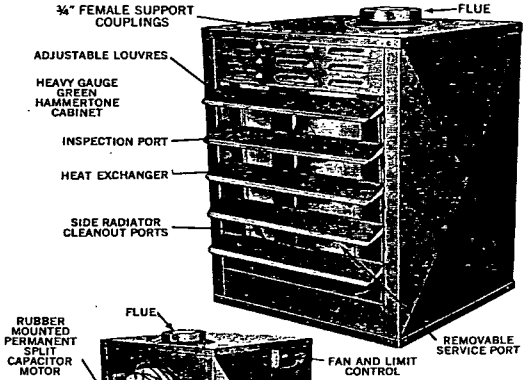
### FEATURES

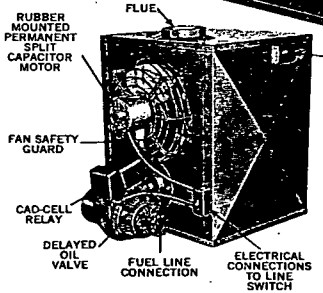
COMPLETELY SELF-CONTAINED
TREMENDOUS HEATING EFFICIENCY
HEAT ONLY WHERE IT'S NEEDED
HEAT ONLY WHEN IT'S NEEDED
EXTREMELY ADAPTABLE
AIR CIRCULATION AND VENTILATION
LOW OPERATING COST
MONEY SAVING INSTALLATION
SAFETY-SAFE

STANDARD EQUIPMENT INCLUDES: Oil burner with single stage fuel unit and electronic controls. For 115 V, 60 C., 1 phase current.

APPROVALS—MASSACHUSETTS: 1230, 3/10/50 CONNECTICUT: JULY 31, 1961 CLEVELAND: DOC No. 517-62, 8/5/62 NEW YORK CITY: 95-61-SA INDUSTRIAL BOARD OF PENNSYLVANIA: 2094
(For approvals in other areas please write our plant)

| No. | Input | Output | CFM | Temp. Rise |
|---|---|---|---|---|
| UH-80 | 105,000 | 84,000 | 1750 | 48° |
| UH-140 | 175,000 | 140,000 | 2600 | 50° |
| UH-180 | 231,000 | 184,800 | 3200 | 52° |



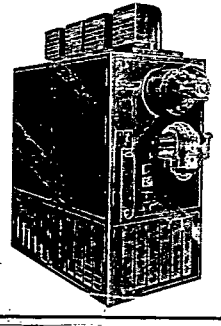




Patent Pending

Underwriters' Laboratories Listed

**NEW FOR 1965!**



**POWRMATIC**
**INDUSTRIAL AIR HEATERS**
**500,000 to 1,000,000 BTUs**
***Write for information***

BLOWER HEATERS AVAILABLE

SEND FOR COMPLETE CATALOG AUH-2



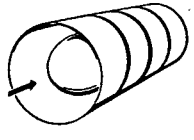
# for fan, speech, or neighborhood NOISE CONTROL specify... IAC

THE STANDARD OF SILENCE

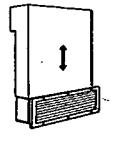
Control fan noise with **Conic-Flow®** (round silencers) **Quiet-Duct®** (rectangular silencers) **Quiet-Flow®** (fan plenums)

Provide necessary privacy with **Quiet-Vent®** air transfer silencers for adjoining rooms, areas, kitchens, and washrooms

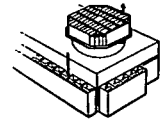
Shield neighborhood from acoustic annoyance with **Cooling Tower Silencers**
Isolate building from roof exhaust fan noise with **Roof Exhaust Silencers**
Shield workmen and tenants from heavy machinery noise with **Acoustical Enclosures**



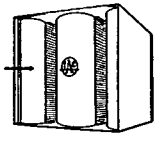
**CONIC-FLOW® SILENCERS** control noise of axial-flow fans in 1/10th the duct length required for lined duct. Allows efficient air flow in both high-pressure and low-velocity systems. 18 standard sizes.



**QUIET-VENT® SILENCERS** Types C, H, & W provide conversational privacy between rooms. Air circulates freely through these efficient return air vents, yet they stop speech and disturbing noises.



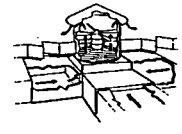
**COOLING TOWER SILENCERS** prevent acoustic annoyance to neighboring buildings. Custom engineered from standard IAC modules to fit individual requirements and at the same time keep costs low.



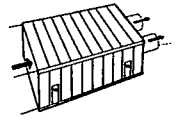
**QUIET-DUCT® SILENCERS** are engineered units with proved acoustical efficiency in attenuating fan noise. Easily fitted into existing systems. Sizes for practically every system.



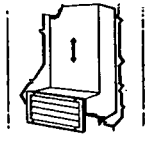
**QUIET-VENT® SILENCERS** Type M have all the advantages of other Quiet-Vent Silencers, but are designed for ceiling mounting to straddle moveable walls. Dimensional module is standard ceiling tile size—no cutting tiles to fit.



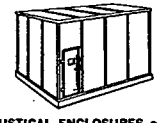
**ROOF EXHAUST SILENCERS** attenuate noise of roof exhaust fans to below the ambient noise level usual to the neighborhood. Here again, IAC adapts standard modules to provide custom silencing at low cost.



**QUIET-FLOW® FAN PLENUMS** of acoustically designed panels isolate fan noise from adjacent areas and control fan noise in the air stream.

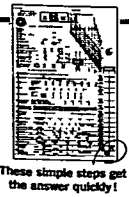


**WASHROOM & KITCHEN EXHAUST SILENCERS** Type S provide privacy where it is needed most. They keep washroom conversation and noises in the washroom—yet permit air exhaust system to function efficiently.



**ACOUSTICAL ENCLOSURES** protect workmen near noisy machinery from noise fatigue, hearing damage, and allow "orders" to be understood. Keeps machinery noise away from offices. Standard Noishield® acoustical panels are easily assembled to fit your application.

1763



These simple steps get the answer quickly!

Solve your noise problem in a few minutes with the **SHORT FORM**

Calculated for the 3rd Octave Band in accordance with the ASHRAE Guide and Data Book the "short form" tells you quickly the noise reduction you need in any situation. With a few simple steps, you quickly select the proper silencers for the job. Any IAC representative will supply you with the "short form." Ask for yours — for simpler, surer silencer selection!

IAC THE STANDARD OF SILENCE

For full product information, contact our representative or write us direct.

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