

ELECTRICAL TESTING LABORATORIES, INC.

2 East End Avenue at 79th Street • New York 21, N. Y. • BUtterfield 8-2600

CHEMICAL • ELECTRICAL • ELECTRONIC
PHYSICAL • MECHANICAL • ENVIRONMENTALTESTING • INSPECTION
CERTIFICATION

INCLUDING INFRARED SPECTROSCOPY, PHOTOMETRY, RADIOMETRY, SPECTROPHOTOMETRY AND PHOTOMICROGRAPHY

LABORATORY
TESTING
SERVICES

for

• UNITARY AIR-CONDITIONERS

New test facility for determining performance per ARI standards 210-58 and 250-58 up to 135,000 BTU/hr. rating.

• ROOM AIR-CONDITIONERS

Special balanced ambient calorimeter for determining performance of window-type units per NEMA standard CN1-1958 up to 27,000 BTU/hr. rating.

• REFRIGERATORS and FREEZERS

Special test rooms, automatically programmed to handle 8 units at time per ASA standards B-38.1, B-38.2 and B-38.3.

• AIR CLEANING DEVICES (Unit and Panel Type Filters)

Test facilities for determining performance of mechanical or electrical filter devices in accordance with AFI Code or NBS Dill Dust Spot Method.

[Test facilities are available for determining
product performance at any voltage or frequency.]

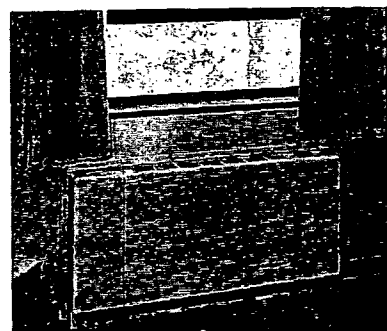
ETL HAS BEEN SERVING INDUSTRY FOR MORE THAN 60 YEARS—AND THE AIR CONDITIONING INDUSTRY SINCE 1934

It pays
to KNOW by
ETL TESTWrite for ETL Bulletin 101
"A Listing of Services and Facilities"

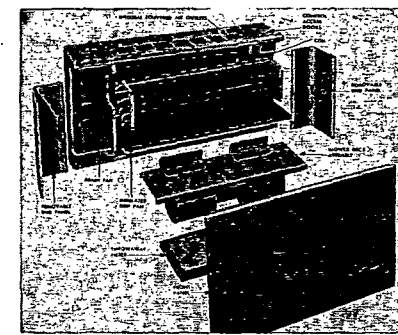
FEDDERS CORPORATION

HEATING DIVISION • LALOR & HANCOCK ST. • TRENTON 7, N. J.

Representatives in Principal Cities



Showing compact installation of floor unit



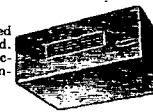
Exploded view showing accessibility of parts

FEDAIR REMOTE TYPE AIR CONDITIONING UNITS

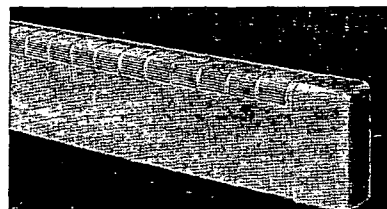
Made in Free Standing, Recessed, and Overhead Models

FEDAIR Units are designed for multiple room installations, in large and small buildings. They simplify planning of new and modernized buildings. No duct work and only 3 lines required—supply, return, and condensate drain. Aluminum finned copper tube coil gives quick response to controls. All models available with motors for standard and low-speed operation. Blowers are sized to deliver rated cfm at specified motor speeds. Outside and recirculated air filtered. Write for complete catalog.

FEDAIR overhead models are used where floor and wall space is limited. Outlet louvers are adjustable for directional control. Available without enclosure for concealed installations.



FEDDERS MODERNLINE WALL RADIATION



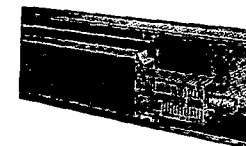
SMOOTH ROUNDED COVERS, available in 3 heights and 2 depths, combine attractive appearance with functional convected and radiated heat emission. Integral die-formed louvers direct heated air outward into room. Covers finished with baked-on gray enamel or Quaker gray neutral prime. Can be furnished in ivory and four other colors. HEATING ELEMENTS can be used with steam or hot water systems and installed one or two rows high. ML-5 elements have 1 1/4 in. copper tubes with 4 1/4 in. square .025 in. aluminum fins in lengths from 2 ft. to 12 ft. in increments of 6 in. Write for catalog.

FEDAIR BASIC CAPACITIES—ALL MODELS

MODEL	AIR FLOW QUANTITY CFM AT 70° F				*COOLING CAPACITY HIGH SPEED BTU/HR 45° F. ENT. WATER		WATER FLOW GPM	Ft. H2O Pressure Drop	*HEATING CAPACITY HIGH SPEED 180° F. ENT. WATER	
	High	Medium	Low	Max. Fresh	Total	Sensible			Btu/HR	Temp. Drop
HC21	215	165	135	65	6,710	4,830	1.7	1.9	18,700	23.9
LC21	310	250	210	85	10,720	7,800	2.7	5.1	27,500	20.4
HC4	430	335	275	110	14,500	10,000	3.6	10.0	37,700	21.6
LC4	605	490	410	160	19,100	13,500	6.8	7.1	52,100	23.4

* Cooling Capacity Based on 80°F. DB, 67°F. WB Entering Air Mixture with 8°F. Water Temperature Rise.
† Heating Capacity Based on 60°F. Entering Air Temperature and indicated water flow.

FEDDERS MODEL "F" and "RL" BASEBOARD RADIATION

Model "F" only 7 1/2"
high 2 3/4" deepModel "RL" 9 1/2"
high 3 1/2" deep

Fedders Type "F" Baseboard Radiation offers low 7 1/2 in. height for full length, draft-free warmth under low picture windows and all along exposed walls. Model "RL" with 9 1/2 in. height and larger elements provides extra output per linear foot where wall space is limited.

Vane-dampers is standard equipment.
Factory packaged in 3, 4, 5, 6, 7, and 8 ft lengths singly and in multiple components. Complete line of accessories. Write for Catalog BR-C7ALSO MANUFACTURERS OF HORIZONTAL, DOWNBLOW, AND CABINET UNIT HEATERS,
CONVECTORS, AND CONTINUOUS CONVECTOR RADIATION