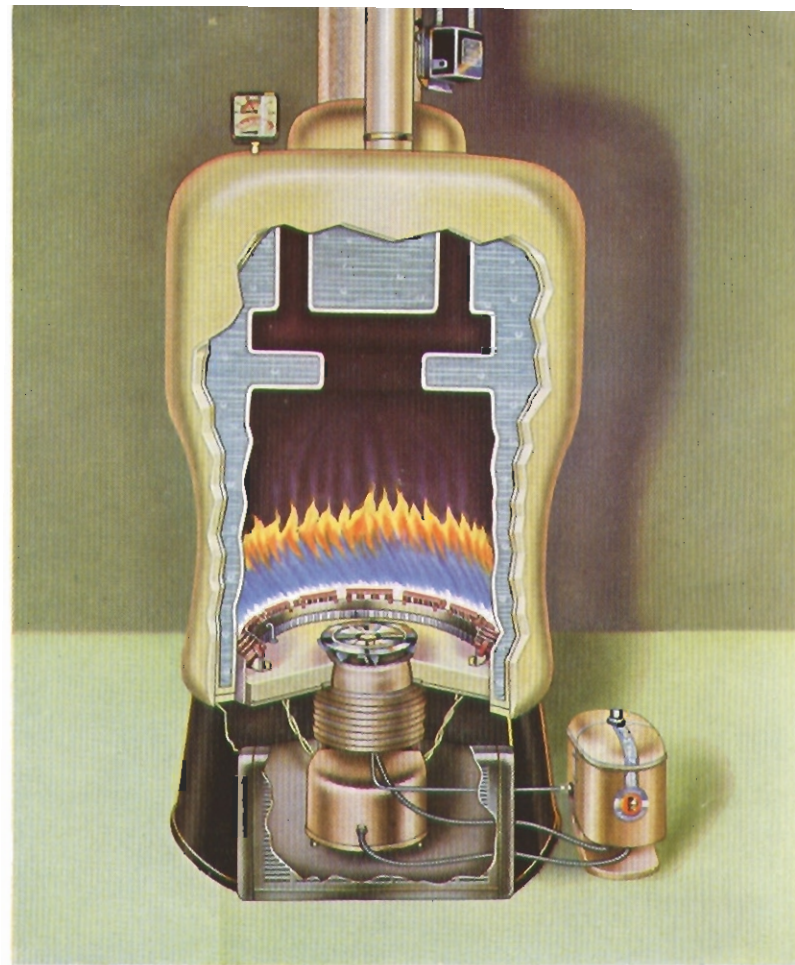
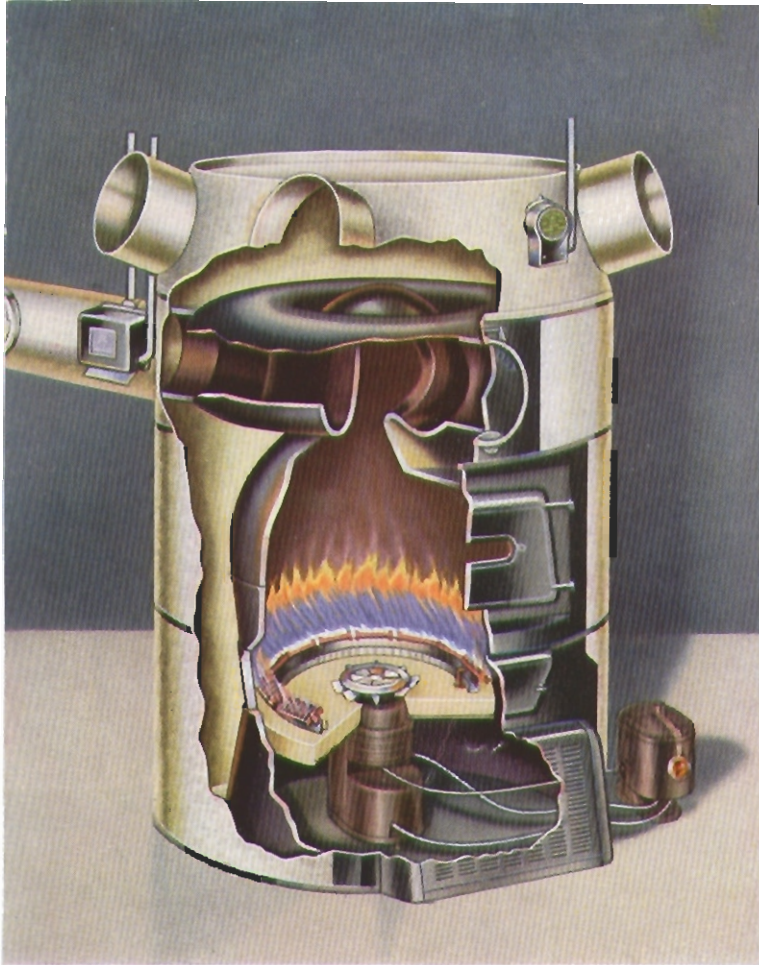


TIMKEN

Silent Automatic **Wall-Flame Oil Burners**



for modernizing your present furnace or boiler



Fits Your Present Furnace. *Timken Silent Automatic Wall-Flame Oil Burners are easily installed in warm air furnaces made of either cast-iron or steel. Super-quiet operation is keenly appreciated by warm air furnace users.*

Fits Your Present Boiler. *If you have steam or hot water heating, a Timken Oil Burner will make it completely automatic. Notice how the flame wipes the heat absorbing surfaces. It can be installed in either round or rectangular boilers.*

Engineered especially for economical, quiet, dependable operation in present boilers and furnaces

There's a lifetime of heating comfort and satisfaction ahead for you and your family with a Timken Silent Automatic Wall-Flame Oil Burner. Your present heating system can be speedily converted to economical, fully-automatic Timken Oil Heat. And Timken puts this ultra-modern heating in tune with your budget.

Look at what is in store for you! From the first crisp fall nights, through the bitter cold of winter, and to the last chilly spring day, your heating problems are *completely eliminated*. Your Timken does the whole job. *Exactly* the right temperature for comfort and health is *AUTOMATICALLY* maintained, without effort or worry on your part.

This means *you* can forget the drudgery of furnace tending. **No** more shoveling . . . an end to the dirt and ashes that go hand-in-hand with ordinary home heating. **In terms** of comfort and convenience, **there is** no substitute for Timken Oil Heat.

And it is *Thrifty Heat!* You end over-heating, under-heating, up-and-down temperatures and the resulting

fuel waste. A trim Timken Thermostat is your "24-hour-a-day furnace man." It regulates the temperature in your home—you have heat *when you want it, and in the quantity you want.*

You will save on cleaning and decorating expense, for Timken Heat is **CLEAN** heat. And there will be **extra** basement space . . . your coal-bin will become **just** a memory of the past. **These savings** are **PLUS** benefits, over and above the welcome relief from the labor and inconvenience of hand-firing.

Over 200,000 homeowners agree that Timken is the best investment they ever made in home comfort!



Save Fuel with Timken Oil Heat

But convenience and comfort are only the beginning of the story! Timken combines comfort for you and your family—with protection of their health and well-being—and *savings on fuel and electricity up to 25% and more.* A Timken Wall-Flame Oil Burner is

the perfect investment. It pays dividends—year in, and year out! You save fuel because a Timken Wall-Flame Oil Burner *scientifically* converts systems originally designed for coal to clean automatic oil heat. The Wall-Flame principle is *basically different*—basically BETTER! A Timken Wall-Flame Oil Burner is totally unlike ordinary pressure or gun type oil burners.

Instead of the customary blow-torch flame forced into the ash-pit, a gentle, BLUE-HOT flame is placed close to the heat-absorbing surfaces of the furnace or boiler. It is an unhurried flame that wipes these surfaces so that a *maximum* amount of heat is directly and usefully absorbed. Flame size is precision-adjusted to the individual requirements of your home. Scientific flame placement spells waste-free heating—faster heating—greater comfort—lower fuel bills.

Speedy Installation in Your Home

All these special Wall-Flame advantages can easily be yours. Your present heating plant, regardless of size or type, can be quickly converted to Timken Silent Automatic Oil Heat. Whether you heat your home with warm air, steam or hot water, there is a Timken Wall-Flame Oil Burner to give you years of trouble-free heating, combined with economy unequalled by any other type of oil burner. Only a few hours will be required for factory-trained mechanics to install your Timken.

So look to the future! Your Timken is a lifetime investment. Timken quality means long life, dependability, low upkeep. And the basically better Wall-Flame gives you fuel savings every year. After 5, 10, 15 and more years, Timken Wall-Flame Burners are still faithfully on the job . . . and saving money every year.

Truly, if fuel bills were painted on roof tops, you'd own a Timken now!



SO QUIET you have to listen closely to hear it!

Your Timken dealer will show you how a Timken Wall-Flame Oil Burner gives the best in home heating at an unbelievably low operating cost. Complete proof of Timken Wall-Flame benefits and economy has been demonstrated in thousands of homes. Many are homes like yours—and in your community. During the war years thousands of Timken owners reported their homes were warm and comfortable with much LESS oil than the small amount ration boards allowed.

See your Timken dealer for the facts. Ask him for a complete point-by-point explanation of the differences between a Timken Wall-Flame Oil Burner and an ordinary oil burner. Have him make a heating survey of your home and estimate the cost of Timken Oil Heat.

Remember, many household appliances save work, but a Timken Silent Automatic Wall-Flame Oil Burner *completely eliminates* the most disagreeable work in your home.



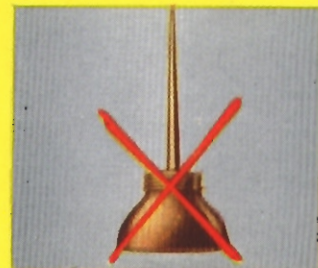
Compact, Quiet Operating. The new Timken Wall-Flame Oil Burner incorporates 19 new features and improvements. It can be easily and quickly installed in your furnace or boiler.

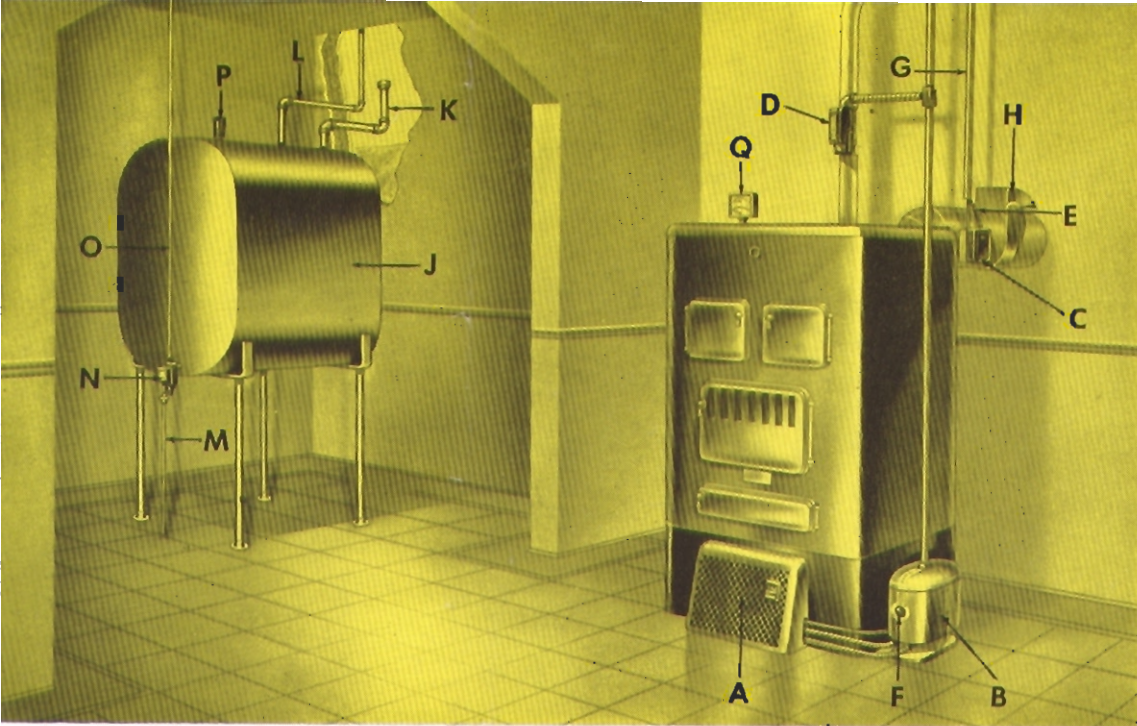
Right—Timken Mono-Rotor. This is the only moving part of a Timken Wall-Flame Oil Burner. Only one moving part assures quiet operation and long life.



Left—Timken's fast-heating Chromium-Steel Flame-Rim. Vaporizes the oil droplets hurled against it—mixes the oil vapor with air from the fan—insures high efficiency.

Right—The Timken Wall-Flame Oil Burner completely eliminates work and heating worries. Think of it! This burner is so fully automatic it lubricates itself!





- A**—Timken Silent Automatic Wall-Flame Oil Burner.
- B** Control stand.
- C** Master control.
- D** Boiler pressure (or temperature) control.
- E** Wire to room thermostat.
- F** Shut-off switch.
- G** 110-volt wiring from electric meter.
- H** Automatic draft stabilizer.
- J** Oil storage tank. (May also be installed horizontally.)
- K** Fill pipe.
- L** Vent pipe.
- M** Oil feed line to burner.
- N** Strainer and constant level chamber.
- O** Vent from constant level float.
- P** Oil level gauge.
- Q**—Hot water gauge.

SPECIFICATIONS

	Model OCA-10 25 and 60 Cycles	Model OCA-18 25 Cycles 60 Cycles	Model OCC-50 25 and 60 Cycles
Rating, Steam, Square Feet* (Equivalent Direct Radiation)	575	805	2,000
Rating, Water, Square Feet* (Equivalent Direct Radiation)	920	1,296	4,200
Rating, Warm Air, Btu., Gravity	125,000	175,000	580,000
Rating, Warm Air, Btu., Forced	133,000	189,000	630,000
Ignition	Intermittent Electric	Intermittent Electric	Intermittent Electric
Maximum Oil Rate, Pounds Per Hour	16	14	50
Minimum Oil Rate, Pounds Per Hour	5	8	7
Grade of Fuel**	Nos. 1, 2	Nos. 1, 2	Nos. 1, 2
Motor Horsepower	1/40	1/30	1/20
Motor Type††	Shaded Pole	Shaded Pole	Split Phase
Current	110 Volts, 60 Cycles or 25 Cycles	110 Volts, 25 Cycles 110 Volts, 60 Cycles	110 Volts, 60 Cycles or 25 Cycles
Draft	Mechanical Gravity	Mechanical Gravity	Mechanical Gravity
Oil Feed to Burner	Gravity	Gravity	Gravity
Hourly Power Requirement, Watts (Average)	65	70	75

*Ratings based on emission rate of 240 Btu. per square foot of steam radiation and 150 Btu. per square foot of hot water radiation.
 **U. S. Department of Commerce, Bureau of Standards Specifications.
 ††Ability to operate at any desired oil rate is limited by combustion chamber dimensions. Refer to installation instructions for maximum burning capacities.
 †††Burners for 25-cycle current equipped with capacitor-type motors.

Get a Free Fact-Finding HEATING SURVEY

You buy with certainty when you buy Timken Silent Automatic Oil Heating... certainty of savings and long-term satisfaction! We can give you reliable advance estimates of actual costs and savings with a Timken Wall-Flame Burner. We will be glad to make a thorough fact-finding survey of your present heating system and give

you complete facts on the best way to bring it up-to-date with automatic oil heat. If you now have an ordinary pressure or gun type burner, let us show you how much you can save by installing a time-proved Timken Oil Burner. The installation can be made in a few hours with no interruption to your comfort.



SOLD AND INSTALLED BY

AUTOMATIC HEATING CORP. of MASS.
 880 Commonwealth Ave. - LONGWOOD 7900
 Boston 15, Massachusetts

TIMKEN
Silent Automatic
HEAT

THE TIMKEN SILENT AUTOMATIC DIVISION OF
 THE TIMKEN-DETROIT AXLE CO., DETROIT 32, MICH.

