

# Proper Maintenance – Gas Furnaces

## Air Filters

Clean the filter once a month for optimum performance. A monthly visual inspection of the furnace is also recommended. See General Inspection on page 9, number 1.

**NOTE:** Filters are **NOT** included with all Furnaces, however, the Furnace should never be run without a filter.

### A clean filter saves money.

When the furnace circulates and filters the air in your home, dust and dirt particles build up on the filter. Excessive accumulation can block the airflow, forcing the unit to work harder to maintain desired temperatures.

And the harder your unit has to work, the more energy it uses. So you pay more any time your system is running with a dirty filter.

### CAUTION

Never operate your unit for either heating or cooling with filters removed.

Help ensure top efficiency by cleaning the filter once a month. Clean it twice a month during seasons when the unit runs more often.

You can clean the filter with a vacuum, **OR** you can wash it with a household detergent.

**NOTE:** Not all aftermarket filters can be washed with a household detergent. See the instructions supplied by the aftermarket filter manufacturer.

When replacing your furnace filters, always use a high velocity type which are the same size as originally supplied. Filters are available from your dealer.

Where disposable filters are used, they must be a high velocity type which are the same size as originally supplied.

### How to remove the filter from your Gas Furnace.

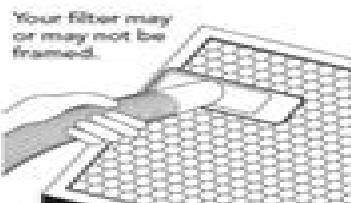
### WARNING

#### ELECTRIC SHOCK HAZARD

Disconnect power to unit before removing blower door. Failure to follow this warning could result in property damage, personal injury or death.

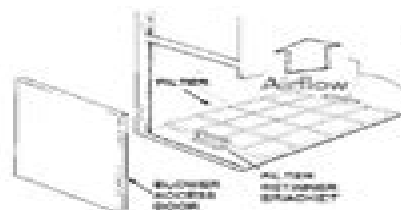
Upflow furnaces use a high velocity type air filter which may be located within the furnace blower compartment in either a **BOTTOM** or **SIDE** (left or right) return air inlet. The filter may be secured with filter retaining brackets (as shown) or a filter rack.

To clean or replace filters, remove blower access door, slide the filter from the filter rack or remove the filter from the retaining brackets. After cleaning, replace the filter in the same manner, making sure that the filter is secured in place in both the front and back filter retaining brackets, if present, or that the filter is securely

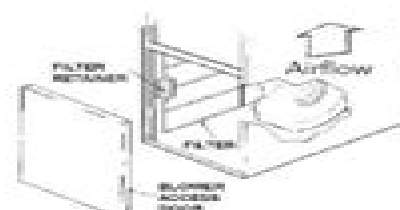


Your filter may or may not be framed.

slid all the way into the filter rack. Replace blower access door. A bottom return air inlet as shown features a 17" x 25" x 1" filter in the 17-1/2" wide furnace; cabinets; a 20" x 25" x 1" filter in the 21" wide models; and a 24" x 25" x 1" filter in the 24-1/2" wide cabinet.



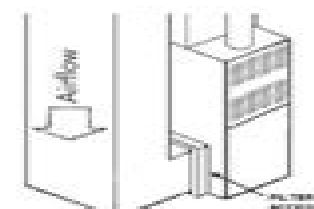
Upflow Bottom Return



Upflow Side Return

For vertical **UPFLOW ONLY**, a left or right return air inlet as above (left side shown) requires trimming of the factory supplied filter to 17" x 25" x 1" for both the 21" and 24-1/2" wide furnaces.

Air filters may also be located outside of the furnace using a side filter frame.



Upflow Only

### Upflow/Horizontal Furnace Filters

The Upflow/Horizontal furnace when installed horizontally requires a horizontal filter kit. The filters may be located remote to the furnace or in the return air duct near the furnace. Check with your dealer for the location of your filters.

An upflow/horizontal furnace in horizontal return air filter application, as shown, features two 16" x 20" x 1" filters in the 17-1/2", 21" and 24-1/2" wide furnace cabinets.

To replace filters, remove the filter access door, lift the filter from the lower bracket and shift the filter to the side to free the top filter from the bracket and slide the filters out through the filter access door. After cleaning, replace the filters in the same manner making sure that the filters are secured in place in both top and bottom filter brackets. Replace filter access door.



Upflow/Horizontal With Filter Kit

# Trane Xe 80 Owners Manual

**Xiaolong Qi**



**Trane Xe 80 Owners Manual:**

**Energy Research Abstracts** ,1982

**TRS-80 Model II Owner's Manual** Tandy Corporation, Radio Shack, 1980

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