

## AUTOMATIC DRAW-OFF GREASE INTERCEPTORS

Smith "GT" Series Semi-Automatic Draw-off Grease Interceptors offer the same high intercepting efficiency as the conventional manual cleaned models, but completely eliminate the unsanitary and undesirable job of removing the accumulated grease manually.

The semi-automatic draw-off interceptor eliminates . . .

- time consuming cover removal
- manually removing accumulated grease
- offensive odors

Since cleaning a "GT" interceptor is simple, fast and efficient, maintenance personnel will more likely follow the regular cleaning schedule. This is a distinct advantage over the conventional units which are frequently left unattended.

**When to Clean** - The ideal time to clean is immediately after the interceptor has been heavily used.

**Cleaning Frequency** - The frequency of the draw-off cycle is determined by the use load factor of the interceptor. An ideal cleaning cycle can be set after the unit is in operation for several weeks. By observing the amount of grease used and the frequency of use, the operator can determine a logical cleaning cycle.

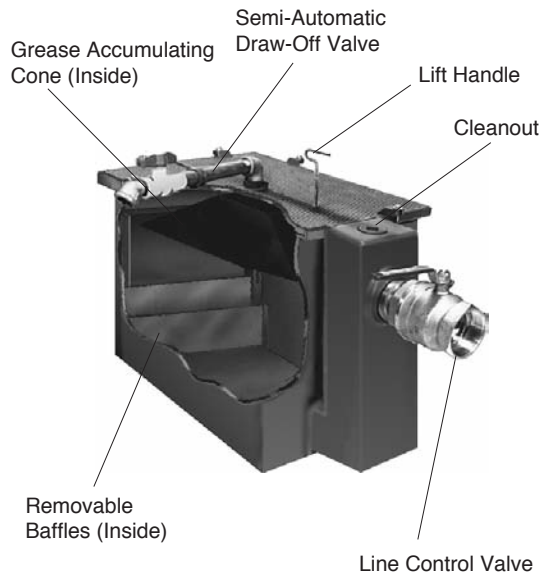


Fig. 8000GT

### Cleaning Operation 8000 GT Series

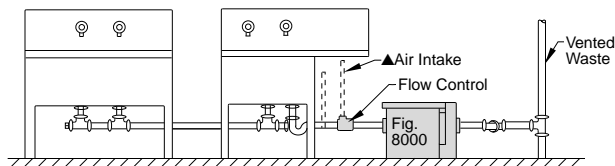
1. Unit in normal use has the line control valve open and semi-automatic draw-off valve closed. When cleaning is required, run a full stream of hot water through interceptor. It is preferable to have this water at 140° or higher, running for a period of at least two minutes.
2. Turn off hot water running into the interceptor and wait for a period of three to five minutes for grease in the interceptor to liquefy.
3. Semi-Automatic draw-off cycle can now be started. Close the line control valve.
4. Open semi-automatic draw-off valve at top of the interceptor and place a container underneath this valve. Run hot water through interceptor at a rate of between 1 1/2 and 2 1/2 G.P.M.
5. After water has run into interceptor at this rate for a short period, the unit will fill. Accumulated liquefied grease will be raised into cone and draw-off piping.
6. Allow accumulated liquefied grease to flow out of draw-off valve until clear water appears.
7. When clear water appears, shut off flow of hot water into interceptor, turn line control valve to open position. Close semi-automatic draw-off valve at top of interceptor.
8. Interceptor at this stage is ready again for normal use.

## INSTALLATION - GREASE INTERCEPTORS

### MULTIPLE FIXTURE INSTALLATIONS

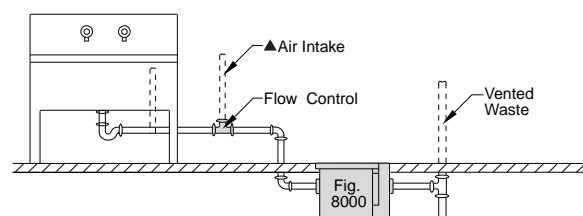
It is sometimes practical to discharge the waste from two or more sinks into a single Interceptor. This practice is only recommended when all fixtures are close together, avoiding installation of long piping runs to the Interceptor. For multiple installations, size as follows:

1. Determine total capacity of all sinks.
2. Establish the maximum simultaneous discharge of the sinks and fixtures.
3. Using the maximum simultaneous load capacity, determine the Interceptor required using the sizing method shown on page previous page.

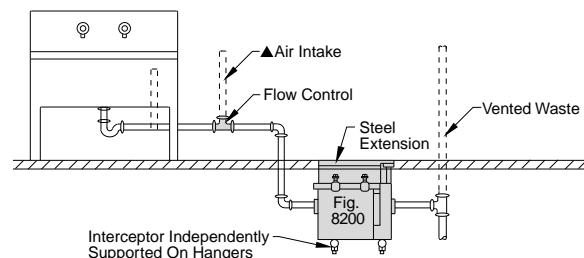


### ON FLOOR INSTALLATION

▲ Terminate Air Intake outside above the rim of sink with return bend or connect to vent or vent stack as required by local code.



### SINGLE INSTALLATION - FULLY RECESSED



### RECESSED WITH EXTENSION TO FLOOR LEVEL

Interceptor cover may be brought to floor level by using an extension when Interceptor installation is below the floor.

### GREASE INTERCEPTORS WITH EXTENSION INSTALLATION NOTE

The Extension of 8200 Series Interceptors is designed to increase the roughing dimension from the Inlet-Outlet center line to the finished floor. The Extension should not be used to support the entire unit. When installed in ground floor locations, the Interceptor body must rest on solid ground or on a suitable concrete pad. If the 8200 Series unit is installed in an upper floor (suspended in the ceiling below), a suitable method of supporting the entire unit must be provided. The installation sketch shows a typical Interceptor with Extension and a recommended method of supporting the entire weight.

### SUSPENDED INTERCEPTOR INSTALLATION CONSIDERATIONS

Whenever an interceptor is to be installed suspended with receiving cradle (8300 series) or independently (all other series interceptors), proper support is essential for safety and functional integrity of the installation.

Trapeze type hangers such as those employed for support of multiple runs of horizontal piping are recommended for support of independent interceptors. Such supports should also be considered for 8300 series receiving cradles to supplement the integral concrete anchor flange. Supports must be of sufficient strength for the purpose intended and meet with the approval of the architect or engineer.