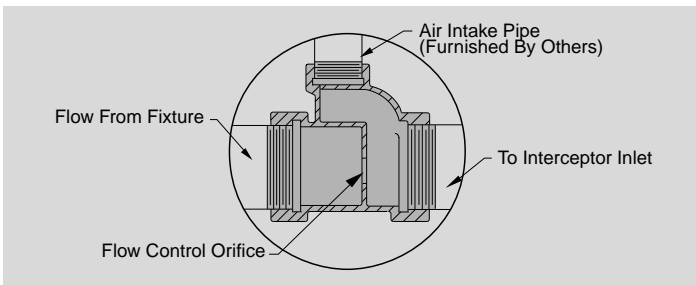


FLOW CONTROL FITTING



MAINTENANCE

All interceptors must be cleaned regularly. The frequency of grease removal is dependent upon the capacity of the interceptor and the quantity of grease in the waste water. The cleaning interval can vary from once a week to once in several weeks. When this period is determined, we recommend regular cleaning at this interval in order to maintain proper operating efficiency. Solids that collect in the interceptor through settling should also be removed at the same time of the grease removal. At this time the air relief port should be checked to see that it is clear. Complete operating and maintenance instructions are packed with every interceptor.

OIL INTERCEPTORS

An oil interceptor is required wherever lubricating oil, cutting oil, kerosene, gasoline, naphtha, paraffin, trisodium phosphate and numerous other light density and volatile liquids are present in the drainage system.

In commercial establishments such as service stations, garages, auto repair shops, dry cleaners, laundries, industrial plants or process industries having machine shops, metal treating process rooms, chemical process or mixing rooms, etc., there is always the problem of flammable or volatile liquids entering the drainage system which can contaminate the sewer line and cause a serious fire or explosive condition.

Oil interceptors are designed to separate oils and other light density volatile liquids which are discharged into the drainage system.

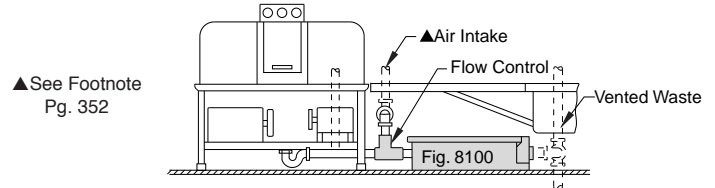
The interceptor is installed between the drain and the sanitary system so the liquids passing through the interceptor are trapped and separated by gravity through a baffle arrangement and are then diverted to an accumulator chamber and removed through the gravity draw-off built into the interceptor. This draw-off can be piped directly to a storage tank so the interceptor continuously and automatically drains the accumulated oils.

Each Oil Interceptor is furnished with a sediment bucket which collects chips, particles or other sediment frequently present in industrial waste that could clog the drainage system. A gasketed removable cover provides access for cleaning the interceptor. To eliminate pressure build-up inside the interceptor, a vent connection on each side of the body allows the venting of the interceptor.

A SMITH Oil Interceptor is sized in accordance with maximum anticipated gallon per minute flow rate of water that would be discharged through the drains it serves. A flow control fitting of the exact gallon per minute interceptor rating insures maximum oil interception efficiency.

DISHWASHER MACHINES

A separate grease Interceptor is recommended with each dishwashing machine. The size of the Interceptor is determined by the dishwasher capacity.



LOW TYPE - DISHWASHER INSTALLATION

Dishwasher Capacity	Gals.	15-20	20-30	30-50	50-70	70-100
Interceptor Size	Fig.	8015	8020 8120	8025	8035 8135	8050 8150

INTERCEPTORS

INSTRUCTIONS FOR ADJUSTING GRAVITY OIL DRAW-OFF

When the Interceptor is completely installed, establish operating water line by running water thru interceptor at maximum flow rate. Mark or locate this operating water line and adjust tubing 1/8" above this line as shown in Detail "A". Adjustment should be checked after Interceptor is in operation. If water is present in oil removed through gravity draw-off, adjustable brass tube should be raised slightly, until no water is present.

APPROVED BY N.Y. BOARD OF STANDARDS AND APPEALS
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