

MAINTENANCE

GENERAL CONSIDERATIONS

Design and installation are key factors to the operation of a grease interceptor. However, without disciplined maintenance, most performances are lost. For a manual interceptor to perform as designed, a strict maintenance schedule must be adhered to. If adequate maintenance is not performed, excessive grease buildup will occur until water laden with grease passes directly through the unit. Therefore, no matter how efficient the design or how proper the installation, grease interceptors perform only as well as the maintenance routine allows.

CLEANING

All grease 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 wastewater. Grease removal intervals may therefore vary from once a week to once in several weeks. When the grease removal interval has been determined for a specific installation, regular cleaning at that interval is necessary to maintain the rated efficiency of the interceptor. After the accumulated grease and waste material has been removed, the interceptor should be thoroughly checked to make certain the inlet, outlet, and air relief ports are clear of obstructions.

CLEANING CAN EASILY BE PERFORMED BY FOLLOWING THE STEPS LISTED BELOW:

1. Loosen and remove the fastener(s) securing the cover to the interceptor body.
2. Remove the cover.
3. Remove the flow diffusing baffle and/or sediment tray assembly from the body.
4. Wipe down the baffle assembly, disposing of grease in a proper waste container.
5. Clean out any liquid grease by skimming it from the top surface. Remove any remaining solid material with a spade or shovel.
6. Remove the clean-out plug on the outlet portion of the body. Using a clean water supply, hose down and wipe the inside of the body.
7. Replace the cleaned baffle assembly back into the unit.
8. Ensure that the cover gasket material is intact and in good working condition. Replace gasket material if it is damaged.
9. Securely refasten the cover and the clean-out plug back onto the trap.

All Zurn grease interceptor models, less the Z1160 series, are provided with a bronze cleanout plug on the outlet chamber of the unit. This cleanout allows access to the outlet piping, should a blockage occur during operation. The following chart gives reference to the interceptor series, size, and plug size (NPT threads) should the cleanout plug need replaced:

Note: The Z1160 series interceptors are provided with a plastic snap-in cleanout plug, accessible by removing the cover.

Series	Interceptor Size								
	100	200	300	400	500	600	700	800	900
Z1165	–	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	–
Z1170	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	–
ZS1170	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	–
Z1171	–	–	–	–	1-1/2	–	1-1/2	1-1/2	–
Z1171-RD	–	–	–	–	1-1/2	–	1-1/2	1-1/2	–
Z1171-TD	–	–	–	–	1-1/2	–	1-1/2	1-1/2	–
Z1173	–	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2
Z1173-RD	–	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2
Z1173-TD	–	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2
Z1174	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	–
Z1192	–	–	–	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	–

Series	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
Z1172	1-1/2	1-1/2	3	3	3	3	3	3	3	3	3