

ODOR CONTROL FANS

A FAN OR NOT A FAN - IT'S UP TO YOU

If you are exhausting an air relief valve through the scrubber, you don't need a fan. Maybe electrical power isn't available. Your scrubber will still function passively. A word of caution - when you are depending on air being passively displaced (pushed) through the scrubber, you must be sure that all cracks in the enclosed area being scrubbed are well sealed. Otherwise, not all of the foul air may be pushed through the scrubber. Some may leak out the cracks and go untreated.

There are two main advantages to using a fan:

1. A fan *pulls* the air through the scrubber, making it less likely that there will be untreated leaks.
2. H₂S accumulations eventually form highly corrosive sulfuric acid. When air is constantly evacuated, H₂S is not allowed to accumulate, which provides a strong measure of corrosion control.



3" PVC Gate Valve

If you decide to use a fan, it will be shipped with the domed cover shown above and have an eight-foot cord with a grounded plug. We strongly recommend that fans be allowed to run continuously and be speed-controlled to control air flow. Otherwise, be sure to order the 3" PVC gate valve pictured (*above right*) to control air flow. It is important to move enough air to create a slight vacuum. *It is also important to move no more air than is needed because your scrubber will last longer at lower CFM.*

You must specify whether your scrubber will be installed indoors or out-of-doors. This will determine which fan is supplied. Both fan motors are 115v, 1 phase, 60Hz, and provide a nominal maximum of 85 CFM on both Models M1 and M2.