

# SV520-55-D800

Diffuser/Silencer



Valcor Engineering Corporation



## DESCRIPTION

Valcor's SV520-55-D800 Diffuser is designed to reduce the noise associated with the venting of high pressure air or steam to atmosphere. By providing back pressure on the vent valve, it also reduces the wear associated with the high pressure drop across its seat. The diffuser incorporates a series of precision holes the size and location of which are calculated to produce maximum noise reduction and energy dissipation. The SV520-55-D800 diffuser can be used by itself, or as the final stage in a series of multiple stages using our D500, D600, or D700-series diffusers to produce the required pressure drop for optimal noise abatement. Machined from stainless steel bar stock, the SV520-55-D800 diffuser is robust and maintenance free. With no moving parts to break or wear, it will last for the life of the system in which it's installed.

## APPLICATION

The SV520-55-C800 Diffuser is used to mitigate the noise generated by venting high pressure steam and air to atmosphere. Typically, applications include boiler flow down, safety valve venting, and depressurization of boilers and associated steam lines for maintenance.

## FEATURES

- ASME-SA479, Type 304 or 316 stainless steel bar stock body
  - ANSI Class 6000 pressure rating
  - Flange mounting for 3/4" to 8" piping
- Hole size, quantity and placement calculated per customer requirements
  - Virtually maintenance free
  - Mountable in any orientation

Custom designs are our specialty. Contact us today to see how we can help on your next project.

Valcor Engineering Corporation  
2 Lawrence Road | Springfield, NJ 07081  
(973) 467-8400 | [scientific@valcor.com](mailto:scientific@valcor.com)  
[www.valcor.com](http://www.valcor.com)