

VAPOR BLOWER



An OTA Vapor Blower Can:

- Boost gas vapors from production tanks to a flare or Vapor Recovery System (VRS).
- Reduce upstream pressures on tank vapor space to eliminate emissions from tank vent thief hatches.
- Without a vapor blower, tank vapor flow may be limited by factors such as friction, piping diameter and the physical layout of piping.
- Enable you to be compliant with 0000a environmental requirements.
- Cost effective way to improve vapor reduction.
 - Eliminates need for costly modifications to a facility to reduce long pipe runs/eliminate liquid traps.
- Overcome low pressure tank preventing from pressure draw down.



Many oil and gas facilities would benefit from such an application!

A vapor blower will not only increase efficiency of Vapor Recovery Systems, but also reduce tank venting from thief hatches!



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FAQ



DOES THE DISTANCE AND PIPE SIZE MATTER?

YES THAT'S THE PURPOSE OF THE BLOWER. PIPE SIZE UPSTREAM OF THE BLOWER IS MORE CRITICAL THAN DOWNSTREAM, HOWEVER, BOTH ARE IMPORTANT.

HOW DO I SIZE A BLOWER?

WE WILL SIZE A BLOWER BASED ON VOLUME AND PIPING CHARACTERISTICS BETWEEN THE BLOWER AND THE FLARE. BEST CASE SCENARIO, WE HAVE A ONE SIZE FITS ALL MODEL, DOUBLE UNITS IF YOU NEED TO MOVE MORE.

WHAT TYPE OF ELECTRICITY IS NEEDED?

480 3-PHASE POWER IS IDEAL AND THIS IS WHAT MOST WILL PREFER ANYWAY.

DOES IT MATTER WHAT TYPE OF TANKS THE VAPOR IS COMING OFF?

NO, BUT IT IS IMPORTANT THAT THE THIEF HATCHES AND ENARDO VALVES ARE PROPERLY SET UP AND MAINTAINED.

WHAT ARE SOME INSTALLATION CONSIDERATIONS?

P-TRAPS, P-TRAPS, AND P-TRAPS! PLACE THE UNIT AS CLOSE TO THE TANKS AS POSSIBLE BUT OUTSIDE THE FIREWALL. PULL VAPORS FROM TANKS EITHER CENTRALLY OR SHIFTED TOWARD THE TANKS THAT RECEIVE THE MOST VOLUME OF INFLOW. PLACE THE SUCTION TRANSMITTER AS CLOSE TO THE TANKS AS POSSIBLE BUT NOT ON AN INDIVIDUAL TANK. IT NEEDS TO BE ON THE COMMINGLED HEADER.



Interested? Contact
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