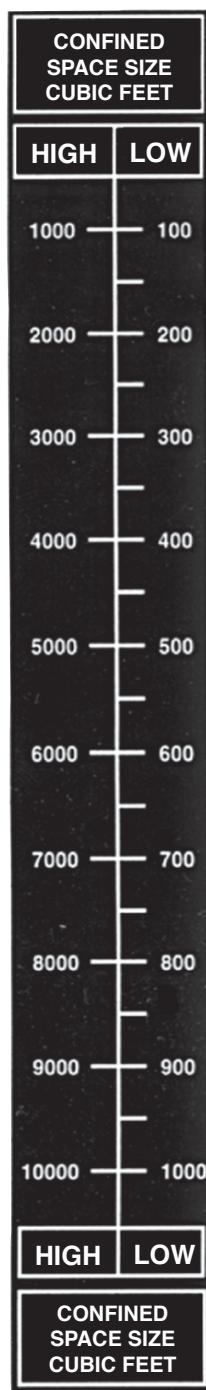


# Confined Space Entry - Do It Right The First Time!

## ESTIMATING APPROXIMATE PURGE TIMES



### How to Use The Chart

1) Select the proper size scale at left, high or low, depending on size of confined space

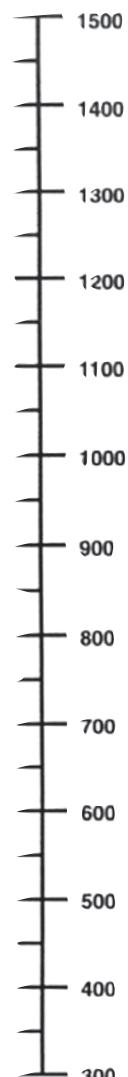
2) Place one end of a straight edge on the proper size scale at left

3) Place other end of straight edge on blower capacity scale at right

4) Read required purge time from the diagonal scale that corresponds to the high or low volume scale selected.

Reference: Bell Systems Standard ISS10, section 620-140-501

Purge times are calculated to achieve approximately seven (7) air changes in the confined space.



ALWAYS TEST CONFINED  
SPACE ATMOSPHERE  
PRIOR AND  
DURING OCCUPANCY



- 1) Proper ventilation procedures should be followed in accordance with all Federal, State, and Local Laws.
- 2) Air quality of the confined space should be tested prior to ventilation.
- 3) Ventilate confined space for the minimum times recommended above and retest air quality prior to entry.
- 4) If toxic and/or combustible gases or low oxygen is encountered, increase purge times by 50%
- 5) If 2 blowers are used, add the two capacities and proceed with the "HOW TO USE CHART" directions above.
- 6) Effective blower capacity is measured with one or two 90° bends in 8" diameter, 25 foot blower hose.
- 7) Maintain continuous ventilation while confined space is occupied.

# Blower & Fan Selection Guide



## Atmospheric Testing Results

Hazardous

Gas

No Electricity or Air Available

Non-Hazardous

Compressed Air Available

Intrinsically Safe

Explosion-Proof

Shorter Duct Run

Longer Duct Run

Medium Duty

Heavy Duty

SVF-8AC

SVB-E8

Light Duty

SVB-E8EC

SVF-10E

SVF-10E

CVF-8AC

CVF-12AC

SVF-10EXP

SVB-A8

ASi-1000

ASi-1200

ASi-2900

ASi-4100

Venturi

SVF-10EXP

Long Duct Runs

SVF-10E

CVF-8AC

CVF-12AC

SVF-10EXP

SVB-A8

ASi-1000

ASi-1200

ASi-2900

ASi-4100

Pneumatic

SVB-E8EXP

Heavy Duty

SVB-E8EXP

Light Duty

SVF-8EXP

Long Duct Runs

SVF-10EXP