



## SPECIFICATIONS

Product Description: **COOLING VEST**  
Part Number: **8300**  
Style: **VORTEX**

### GENERAL DESCRIPTION:

Delivering constant and adjustable cooling and heating, the Vortex Vest is especially popular for workers in confined spaces as well as foundries, steel mills, asbestos abatement and paint baking operations. The PVC vest delivers continuous cooled or heated air through its perforated, inner lining. The vest can be worn under protective clothing while offering full range of motion.

### TECHNICAL:

Material: Polyvinyl Chloride with Velcro® closure  
Color: Yellow  
Neck: V-Shape  
Exposure Rating: 200° F with protective outer clothing  
130° F without protective outer clothing



### BENEFITS:

- Vest collar unfolds to deliver tempered air flow to neck and face.
- Vest allows full range of motion with no air flow restrictions.
- Fits workers up to 6'4", 250 pounds.

### VORTEX COOLER:

With no moving parts, the vortex tube spins filtered compressed air to separate it into cold and hot air streams by forcing the compressed air through a generation chamber which spins the air centrifugally along the inner walls at a high rate of speed toward the control valve. A fraction of the hot air is discharged at the control valve. The remainder of the slower air stream is forced to counter-flow up through the center of the high speed air stream, giving up heat, through the center of the generation chamber finally exiting through the opposite end as extremely cold air.

### TECHNICAL:

Body: Plastic  
Fitting: Snap-tite 1/4" plug, stainless steel  
Belt: Nylon  
Discharge: Tempered 3/4" Garden Hose  
Air Consumption: 8-10 CFM (10-16 CFM with Vest) @ 80-100 PSI



### BENEFITS:

- Provides continuous cool air delivery
- Easy temperature adjustment even with gloved hands
- NO moving parts – Exceptionally reliable
- A control valve allows for temperature adjustment
- Will cool compressed air by 20-30°F