

Variable Supply Plenum (VSP)

Provide Greenheck Variable Supply Plenum as shown on plans and in accordance with the following specification:

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The variable supply plenum, Greenheck model VSP, shall be constructed with minimum of 18 gauge 400 series stainless steel (300 series optional). A manual damper shall be included in the plenum to modulate airflow between the face and air curtain allowing 0 to 50 percent through the air curtain and 50 to 100 percent through the face. Variable supply plenums are available in lengths from 3 feet to 16 feet; additional lengths require hanging multiple plenums. The VSP is 12 inches wide by 18 inches high. Perforated panels shall be included to reduce air velocities and eliminate spillage from the hood. Variable supply plenums are able to supply a maximum of 275 cfm/ft.

Supply rates should be designed to recommended values of 150 cfm/ft. through the face and 100 cfm/ft. through the curtain for optimum performance.

Due to continuous research Greenheck reserves the right to change specifications without notice.