

## Air Curtain Supply Plenum (ASP)

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

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The external air curtain, Greenheck model ASP, shall be constructed with a minimum of 18 gauge 400 series stainless steel (300 series optional). Two layers of perforated panels will allow for well distributed low velocity airflow at discharge. Air curtain supply plenums are available in lengths from 3 feet to 16 feet; additional lengths will require hanging multiple plenums. The ASP shall be 14 inches wide by 10 inches high or 24 inches wide by 10 inches high and shall be mounted 14-20 inches above the bottom edge of the hood or flush with a drop ceiling; External air curtain supply plenums can supply airflow at a maximum rate of 180 cfm/ft. For optimum performance, design to the recommended rate of 110 cfm/ft for 14 inch wide plenums or 145 cfm/ft for 24 inch wide plenum.. In addition, external plenums can be attached to the face or ends of an exhaust only hood to create a curtain of air on all exposed sides of the hood, increasing the volume of air brought in at the hood.

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