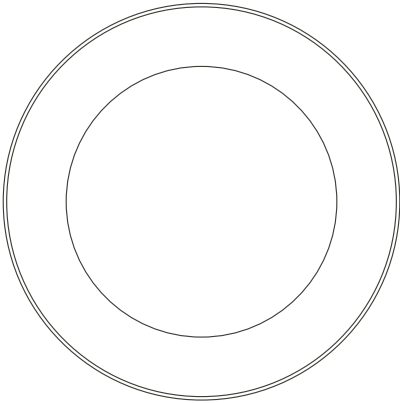
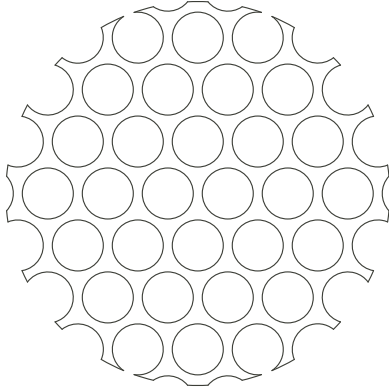


UPC-35-15 Take-off Balancing Orifice

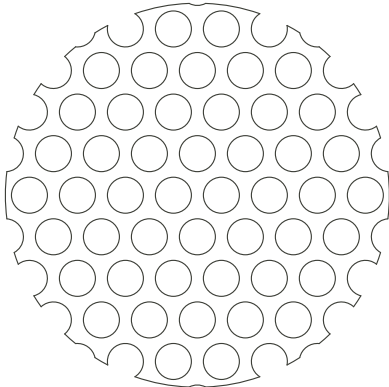
15% Reduction



35% Reduction



50% Reduction



Contents

15 Each-----15% Reduction cap----P/N: A00149-001

5 Each----35% Reduction disc----P/N: A00150-002

5 Each----50% Reduction disc----P/N: A00150-003

Scope

This kit offers a means to balance the system at the take-off. This kit should be used during the initial installation of the system when the take-offs are easily accessible. If installation has been completed and it is found that reduction is needed and the take-off is not accessible, balance the system at the outlet using UPC-36-15. Placing the balancing orifice at the take-off allows the sound attenuator duct to remove any noise caused by its restriction.

Using a balancing orifice is typical in small rooms or when only a partial outlet is required. Use balancing orifices sparingly to maximize the airflow.

Installation

Simply calculate how much airflow is needed to be reduced at the outlet. Once the calculation is made, the correct orifice must be selected and applied onto the take-off.

- 15% Reduction----Use the 15% reduction cap.
- 35% Reduction----Place the 35% reduction orifice into the 15% reduction cap.
- 50% reduction----Place the 50% reduction orifice into the 15% reduction cap.

Once the appropriate reduction is selected, place the reduction cap over the take-off as shown in figure 2 and seal it using the following tape: UL-181A-P Aluminum tape or UL-181B FX duct tape.

Figure 1

