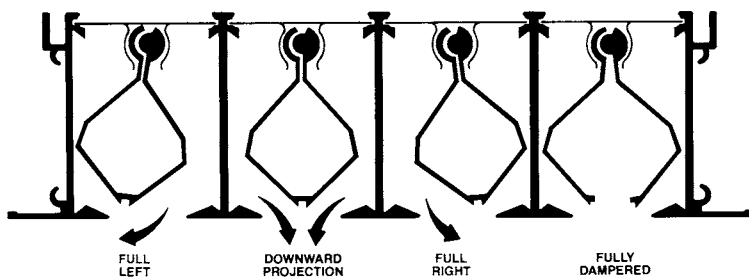


- ① Duct or plenum retainer channel.
- ② Channel for T-Bar alignment clip, wire hanger bracket and alignment strip.
- ③ PVC pattern controller.
- ④ Channel for blank off strip.
- ⑤ Additional alignment channel for multi-slot units.
- ⑥ Access hole for mounting bracket screw or eye bolt.
- ⑦ Individual slot damper.
- ⑧ Structure support member.
- ⑨ Combination pattern control device and damper.

HOW THE UNIT FUNCTIONS

We have designed this high-capacity unit to serve the energy-conscious and performance-oriented market of today. In laboratory conditions, the best possible horizontal pattern was achieved by altering the configuration and design of the pattern control device. The test data is based on the PVC pattern control device with the aluminum pattern control device having slightly less capacity. The PVC model gives a fixed horizontal pattern that is adjustable from full left to full right by simply rotating the pattern controller 180°. This is easily done before or after installation. The combination pattern controller/damper performs similarly in the full left or full right position but reduced performance occurs in the partially dampered position. Air volume may be controlled in three methods: the damper as shown in option seven (7) of the above drawing; the adjustable pattern controller; an inlet damper installed on the plenum.

AVAILABLE AIR PATTERNS WITH ALUMINUM ADJUSTABLE PATTERN CONTROL



ADJUSTMENT OF THE PVC PATTERN CONTROL DEVICE

