

APPLICATION

- Linear diffuser system with engineered performance that integrates inconspicuously as an architectural feature of the space
- Long throw capability, single slot appearance
- Jet discharge pattern perpendicular to the diffuser face for both heating and cooling applications
- High ceiling applications to project conditioned air down walls
- Sidewall applications to project air across the space as a free jet for rapid mixing or attach to the ceiling for increased throw distances
- Supply, return, or exhaust air through the same continuous run of architectural linear eliminates ceiling clutter and reduces installation costs
- Drywall / hard surface and suspended ceiling applications

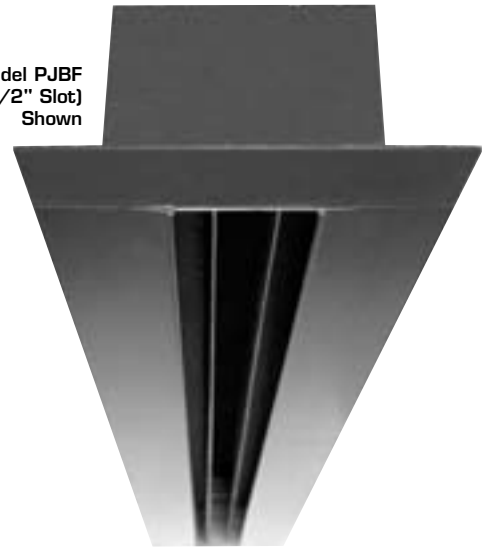
PRODUCT FEATURES

- Heavy extruded aluminum construction
- 12' lengths available to minimize joints
- 1", 1-1/2", 2", 2-1/2", 3" slot widths
- 1 thru 4 slots
- Field adjustable nozzle varies jet velocity and throw distance
- Nozzles are nominal 24" and consist of two sliding elements for volume control as well as blank-off for inactive sections
- Baked-on Arctic white frames Models PJSS, Baked-on black frames for Models PJCM & PJBF. Nozzles are black. Optional center T's used on multiple slot units are arctic white

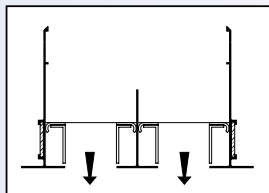
OPTIONS

- For return units without pattern controllers, use Free Flo returns
- Custom curving (non-adjustable) for wall or ceiling applications – convex or concave!
- Mitered corners and end caps
- Multiple slots
- Custom color matching, anodized finishes

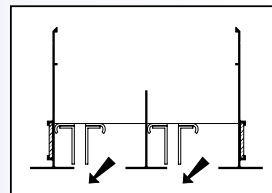
Model PJBF
(1-1/2" Slot)
Shown



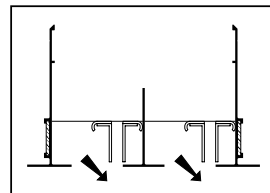
PATTERN CONTROL FLEXIBILITY (2 SLOT SHOWN)



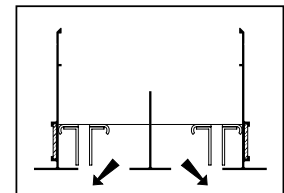
VERTICAL PROJECTION



1 WAY LEFT

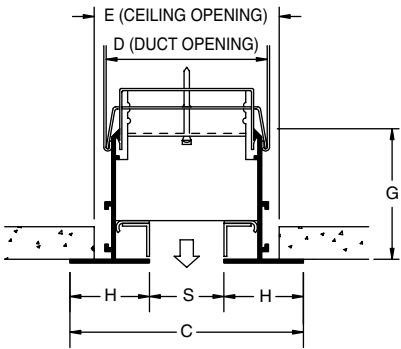


1 WAY RIGHT



2 WAY OPPOSITE

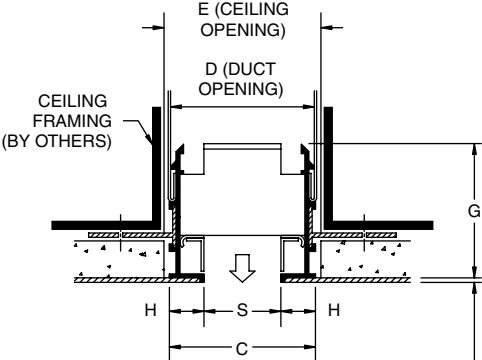
MODEL PJS - Exposed Frame, Surface Mount (Drywall / Lay-In T-Bar)



• Installed after drywall/plaster

| MODEL | S | C | D | E | G | H |
|---------|-------|-------|--------|-------|--------|-------|
| PJS-100 | 1 | 3-1/2 | 2-5/16 | 2-3/8 | 2-1/16 | 1-1/4 |
| PJS-150 | 1-1/2 | 4-1/2 | 3-5/16 | 3-3/8 | 2-9/16 | 1-1/2 |
| PJS-200 | 2 | 5-1/2 | 4-5/16 | 4-3/8 | 2-5/8 | 1-3/4 |
| PJS-250 | 2-1/2 | 6-1/2 | 5-5/16 | 5-3/8 | 3-3/32 | 2 |
| PJS-300 | 3 | 7 | 6-5/16 | 6-3/8 | 3-7/32 | 2 |

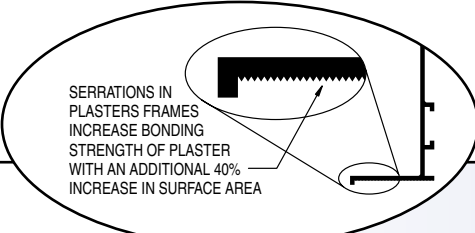
MODEL PJCM - Concealed Frame, Flush Mount, Plaster Concealed (Drywall)



• Installed prior to drywall, prior to plaster

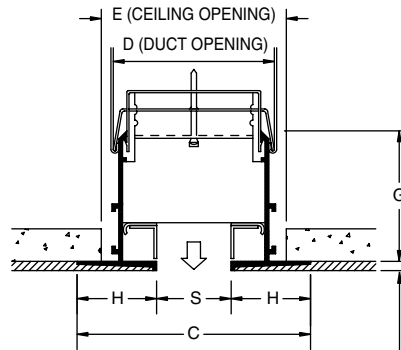
| MODEL | S | C | D | E | G | H |
|----------|-------|--------|--------|-------|---------|---------|
| PJCM-100 | 1 | 2-9/32 | 2-5/16 | 2-5/8 | 2-3/16 | 5/8 |
| PJCM-150 | 1-1/2 | 3-1/4 | 3-5/16 | 3-5/8 | 2-5/8 | 7/8 |
| PJCM-200 | 2 | 4-5/16 | 4-5/16 | 4-5/8 | 2-11/16 | 1-5/32 |
| PJCM-250 | 2-1/2 | 5-5/16 | 5-5/16 | 5-5/8 | 3-5/32 | 1-13/32 |
| PJCM-300 | 3 | 6-5/16 | 6-5/16 | 6-5/8 | 3-1/4 | 1-21/32 |

1/16 FOR TAPE AND FEATHERING FLUSH TO FINISHED CEILING



SERRATIONS IN PLASTER FRAMES INCREASE BONDING STRENGTH OF PLASTER WITH AN ADDITIONAL 40% INCREASE IN SURFACE AREA

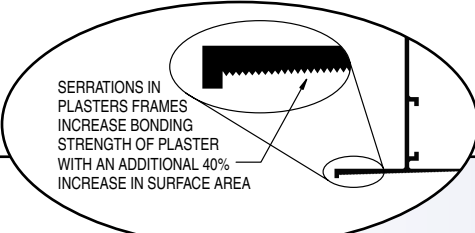
MODEL PJBF - Beveled Frame, Surface Mount, Plaster Concealed (Drywall)



• Installed after drywall, prior to plaster

| MODEL | S | C | D | E | G | H |
|----------|-------|-------|--------|-------|--------|-------|
| PJBF-100 | 1 | 3-1/2 | 2-5/16 | 2-3/8 | 2-1/16 | 1-1/4 |
| PJBF-150 | 1-1/2 | 4-1/2 | 3-5/16 | 3-3/8 | 2-9/16 | 1-1/2 |
| PJBF-200 | 2 | 5-1/2 | 4-5/16 | 4-3/8 | 2-5/8 | 1-3/4 |
| PJBF-250 | 2-1/2 | 6-1/2 | 5-5/16 | 5-3/8 | 3-3/32 | 2 |
| PJBF-300 | 3 | 7 | 6-5/16 | 6-3/8 | 3-7/32 | 2 |

1/16 FOR TAPE AND FEATHERING FLUSH TO FINISHED CEILING



SERRATIONS IN PLASTER FRAMES INCREASE BONDING STRENGTH OF PLASTER WITH AN ADDITIONAL 40% INCREASE IN SURFACE AREA