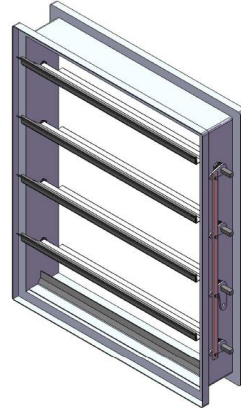
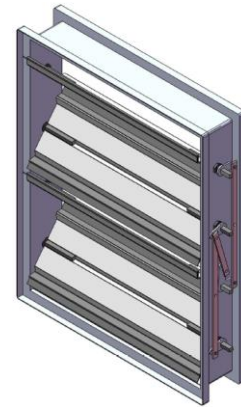


PARALLEL BLADE (PB)



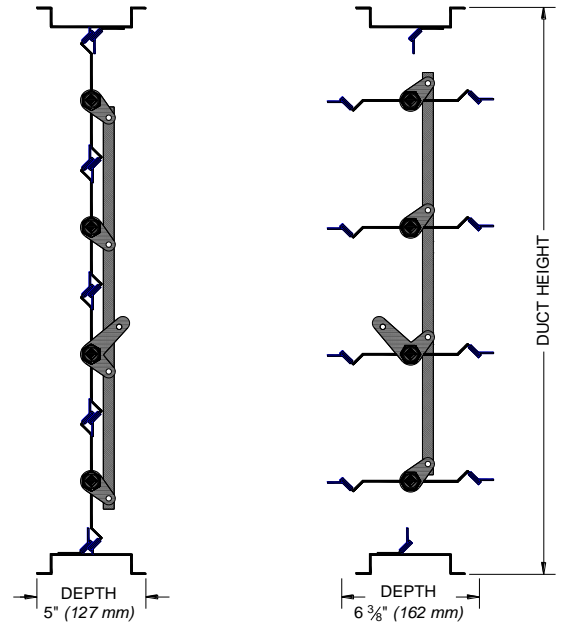
OPPOSED BLADE (OB)



**4100 Low Leakage Steel Control Damper**

STANDARD CONSTRUCTION
<b>Frame Depth:</b> 5" (127 mm)
<b>Depth (blades open):</b> 6 3/8" (162 mm)
<b>Frame Thickness:</b> 16 Ga. galvanized steel
<b>Blade Thickness:</b> 16 Ga. galvanized steel
<b>Blade Seals:</b> Co-extruded Santoprene vinyl
<b>Jamb Seals:</b> Stainless steel compression spring
<b>Bearings:</b> Oilite self-lubricating bronze
<b>Axles:</b> 3/8" square polycarbonate
<b>Frame Style:</b> Hat channel for in-duct mount
<b>Minimum Height:</b> 8" (203 mm) Single blade 14" (356 mm) Multiple blade
<b>Maximum Panel Width:</b> 48" (1219 mm)
<b>Maximum Panel Height:</b> 72" (1829 mm)
<b>Maximum System Pressure:</b> 5" w.g. for 12" (305 mm) wide damper
<b>Leakage:</b> Does not exceed 10 CFM/ft <sup>2</sup> (50.8 L/s/m <sup>2</sup> ) against 4" w.g. (1 kPa) differential static pressure at -40° F
<b>Linkage:</b> Concealed in frame
<b>Standard Finish:</b> Mill galvanized
<b>Standard Motor Installation:</b> Side shaft direct drive (extendable up to 8")
<b>Temperature Range:</b> -40°F to +180°F (-40C to +82C)

AVAILABLE ACCESSORIES
• Factory supplied actuators
• Stainless Steel axle bearings
• Jack Shafts
• Hand Quadrants
• Chain Operator for manual operation, spring closed



REF. #	QTY.	DUCT WIDTH	DUCT HEIGHT	PB/OB	FRAME	ACCESSORIES

\*DAMPER WILL BE MANUFACTURED A MINIMUM OF 1/4" (6 mm) SMALLER THAN GIVEN DUCT DIMENSIONS, UNLESS OTHERWISE SPECIFIED.

<b>PROJECT NAME:</b>		<b>ENGINEER:</b>	
<b>CONTRACTOR:</b>		<b>SUBMITTAL DATE:</b>	