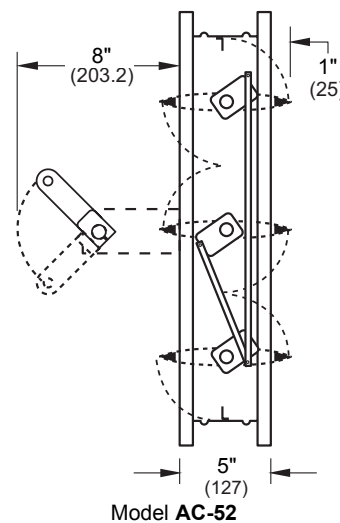
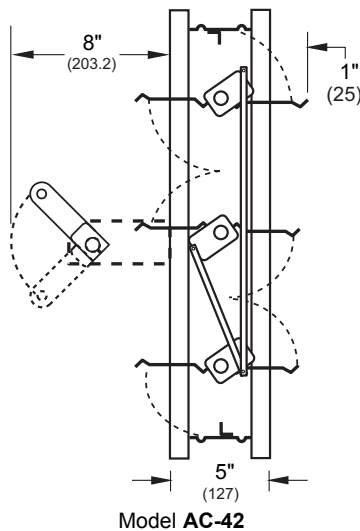


The following installation details apply to models **AC-41, AC-42, AC-51 and AC-52**

Control Damper Multi-Section Breakdown

1. Dampers larger than the maximum single section size are manufactured in multiple assemblies. The assemblies consist of equal size sections and interconnected with a jackshaft. All assemblies greater than two (2) sections wide will have a $\frac{3}{4}$ " jackshaft provided; otherwise, standard $\frac{1}{2}$ " jackshaft will be utilized. Jackshafting runs parallel to the width ("W" dimension) of the damper.
2. The maximum assembled shipping size is 144" x 72" for AC-41 and AC-42 and 120" x 72" for the AC-51 and AC-52. Larger units, or as requested, are shipped in individual sections for in field installations.
3. Multiple sections require bracing to support the weight of the assembly and to hold against system pressure. Bracing should support the damper horizontally at 8' center-to-center. Large vertical assemblies and high systems pressure may require additional bracing.
4. Use the details on the back side to determine how the control damper with standard construction will be manufactured. Details do not apply if control damper has any of the following features:
 - A. Unequal section sizes
 - B. Face and bypass arrangement
 - C. Special construction request
 - D. Damper assemblies exceeding 240" x 144"
5. Installation clearance requirements:

Clearance Dimension	AC-41, 42 clearance (inches)	AC-51, 52 clearance (inches)
Crankarm clearance w/jackshaft	8" (203)	8" (203)
Maximum blade extension past frame	1" (25)	1" (25)



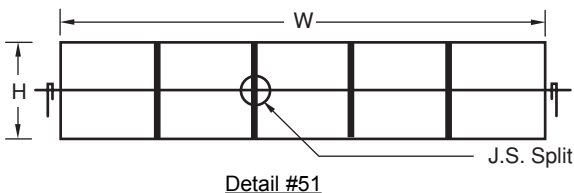
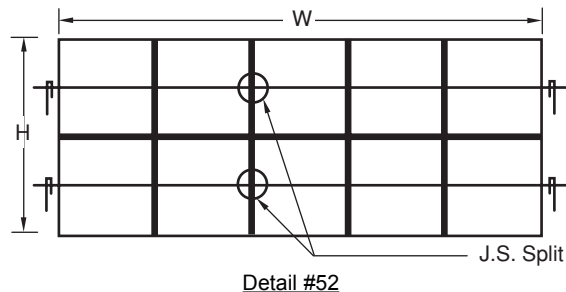
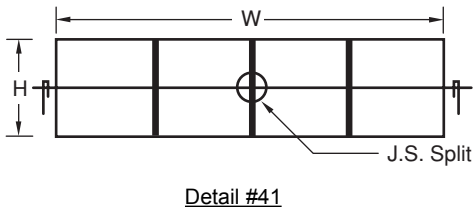
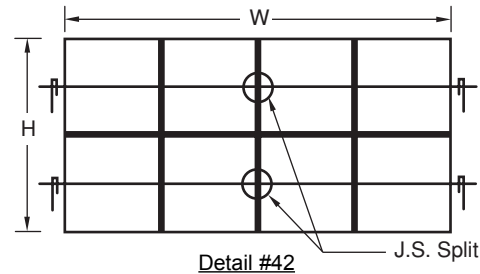
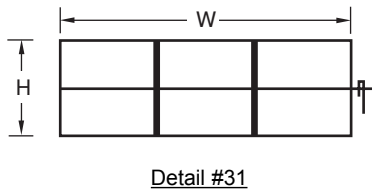
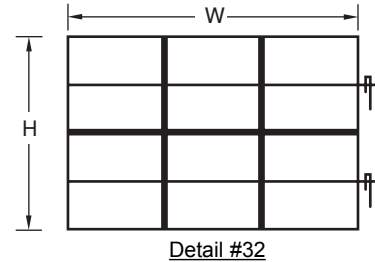
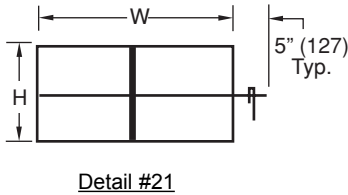
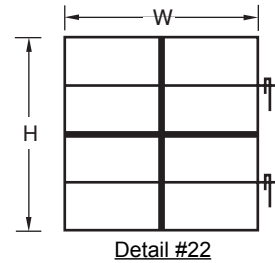
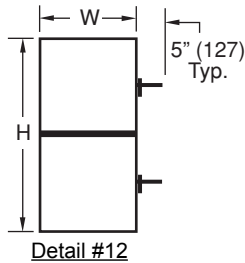
The following installation details apply to models **AC-41, AC-42, AC-51 and AC-52**

Multiple Section Control Damper Detail Table

Width - "W" in Inches (Parallel to the blade length)

Height - "H"
in Inches

AC-41, 42	$W \leq 48$ (1219)	$48 < W \leq 96$ (1219) (2438)	$96 < W \leq 144$ (2438) (3658)	$144 < W \leq 192$ (3658) (4877)	$192 < W \leq 240$ (4877) (6096)
$H \leq 72$ (1829)	-	Detail #21	Detail #31	Detail #41	Detail #51
$72 < H \leq 144$ (1829) (3658)	Detail #12	Detail #22	Detail #32	Detail #42	Detail #52
AC-51, 52	$W \leq 60$ (1524)	$60 < W \leq 120$ (1524) (3048)	$120 < W \leq 180$ (3048) (4572)	$180 < W \leq 240$ (4572) (6096)	$240 < W \leq 300$ (6096) (7620)
$H \leq 72$ (1829)	-	Detail #21	Detail #31	Detail #41	Detail #51
$72 < H \leq 144$ (1829) (3658)	Detail #12	Detail #22	Detail #32	Detail #42	Detail #52



J.S. Split = Jack Shaft Split