



**COOK**

# Bypass Damper

DATE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

LOCATION: \_\_\_\_\_

Accessory Data Sheet

Bypass Damper

Low Leakage Class 1A Rated

for QMXHP Mixing Box

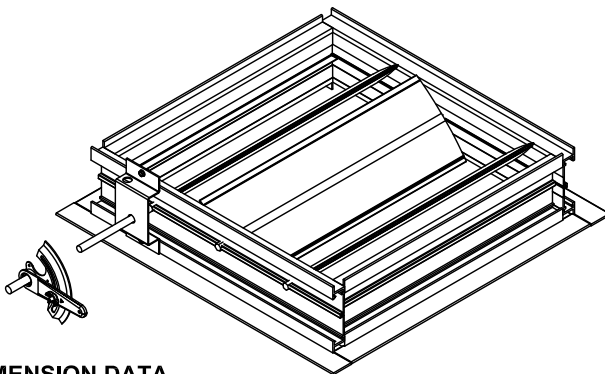
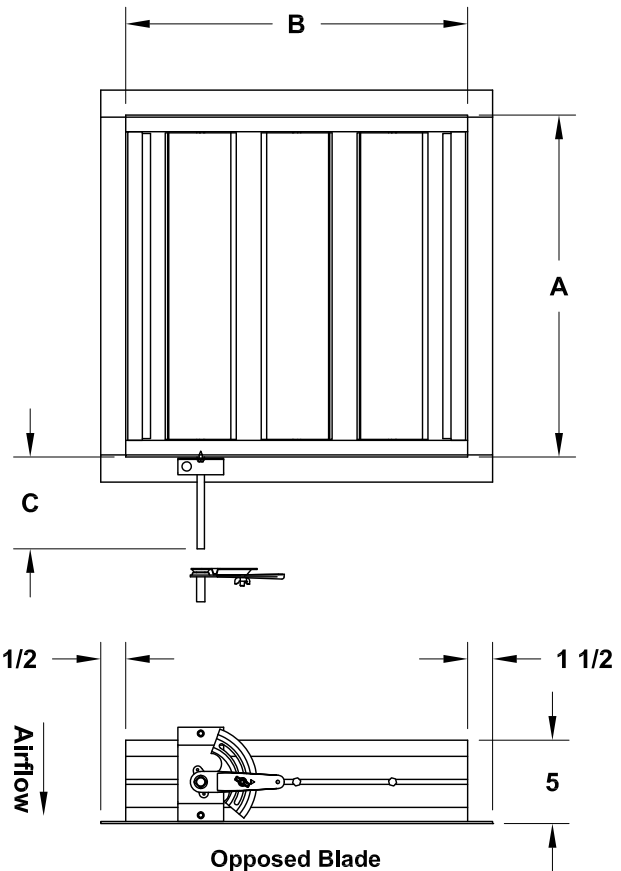
Aluminum

**STANDARD CONSTRUCTION FEATURES:**

- Frame: 5" x 1" x 6063T5 extruded hat channel with .125" minimum wall thickness
- Blades: 6" wide, 6063T5 heavy gauge extruded aluminum, airfoil shape. Opposed blade standard.
- Seals: Synthetic polymer blade edge seals and flexible SS compressible jamb seals.
- Bearings: Molded synthetic.
- Linkage: Concealed in frame.
- Axles: 1/2" plated steel hex.
- Temperature Limits: -72°F and +275°F.
- Damper provided with manual hand quadrant.
- Finish: Air-dry enamel coating to match fan color.

**OPTIONAL CONSTRUCTION FEATURES:**

- Air-dry epoxy finish.
- Actuator out of Airstream, 1 Actuator per panel, protected from weather. Available in 24vdc or 24vac. See table below for optional actuator model. Power Open/Spring Close (Reversible).
- Pneumatic actuator.



**DIMENSION DATA**

Qty	Mark	Size	A	B	C	Actuator Model	Unit Weight	
							Quadrant	Actuator
		90	8-1/4	5	12-7/8	LF24-SR-S	2	5
		120	16-1/2	5	8-3/4	LF24-SR-S	3	7
		135	16-1/2	6-1/2	8-3/4	LF24-SR-S	4	8
		150	18-1/2	8	8-3/4	LF24-SR-S	6	9
		165	20-1/2	8-3/4	8-3/4	LF24-SR-S	7	10
		180	22-1/2	9-3/4	8-3/4	LF24-SR-S	8	12
		202	25-1/2	11-1/2	9-1/4	LF24-SR-S	11	14
		225	28-1/2	13	9-3/4	LF24-SR-S	14	17
		245	30-1/2	14-1/2	9-3/4	LF24-SR-S	16	20
		270	34-1/2	15	9-3/4	LF24-SR-S	19	22
		300	36	18	11	LF24-SR-S	23	27
		330	36	21-3/4	13	NFB24-SR-S	28	35
		365	36	27	16	NFB24-SR-S	35	41
		402	36	32	18-1/2	NFB24-SR-S	41	48
		445	36	40	22	NFB24-SR-S	51	58
		490	36	48-1/4	25	NFB24-SR-S	62	68
		540	36	58-1/2	30	AFB24-SR-S	74	81
		600	36	71-3/4	35-1/2	AFB24-SR-S	91	98

ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS. WEIGHT INCLUDES HAND QUADRANT OR ACTUATOR.

X0238R00