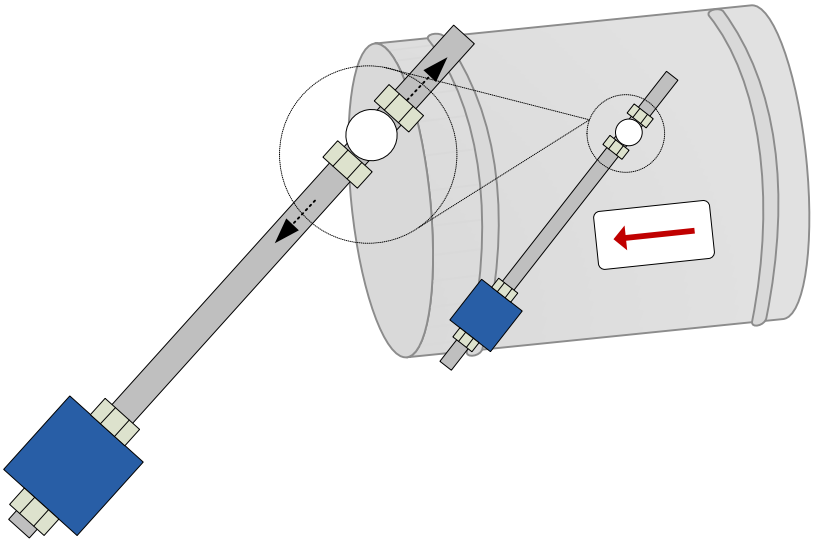
SmartZone® DAMPERS

888-523-3265
ECOJAY.COM

BYPASS BAROMETRIC ROUND

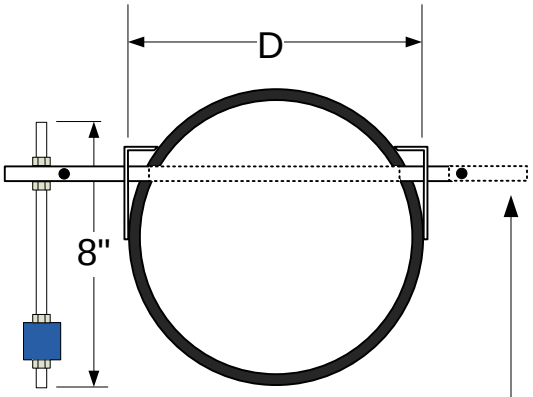
THE ECOJAY BAROMETRIC BYPASS DAMPER WAS DEVELOPED WITH ECONOMY AND SIMPLICITY IN MIND. THE NEED FOR A BYPASS DAMPER IN MOST ZONING APPLICATIONS CALLS FOR AN EASY TO USE AND COST EFFECTIVE DAMPER TO SERVE THIS PURPOSE. THE "WEIGHTED ARM" BYPASS METHOD OF RELIEVING AIR PRESSURE HAS PROVEN RELIABILITY AND QUIET OPERATION. CUSTOM COMPONENTS WITH CRITICAL DIMENSIONS ARE MANUFACTURED USING LASER CUTTERS TO ENSURE A PRECISION FIT. ASSEMBLED BY HAND IN THE USA.

- **RELIABLE WEIGHT ARM LOCKED IN PLACE (NO GUESSING AT POSITION)**
- **HEAVY DUTY GALVANIZED DAMPER WITH 1 CRIMPED & 2 BEADED ENDS**
- **PRECISION CONSTRUCTION & QUALITY PARTS FOR LONG-LIFE & QUIET OPERATION**
- **FULL-DIAMETER POLY GASKET FOR LOW LEAKAGE SEAL**
- **ALL METAL SHAFT WITH NYLON BUSHINGS**



D	B	U	B	D
DAMPER	BYPASS	ROUND	BAROMET	DIAMETER

PART #	D
DBUB08	8"
DBUB10	10"
DBUB12	12"
DBUB14	14"
DBUB16	16"



SPECIAL OPTION AVAILABLE:
WEIGHT ARM MOUNT ON BOTH SIDES OF DAMPER

SPECIFICATIONS

PRESSURE RANGE	0.1 TO 2 INCHES-H^20
WEIGHTED ARM	3/8" FULL THREADED 8" LENGTH
SHAFT	1/2" ALL METAL SHAFT PARTS TENSION-FIT REINFORCED L-BRACKET
WEIGHT	~9 OZ
CAN	GALVANIZED, RIVETED, CRIMPED
BLADE	GALVANIZED METAL
INDICATOR	AIR-FLOW ► DIRECTION STICKER

ecojay

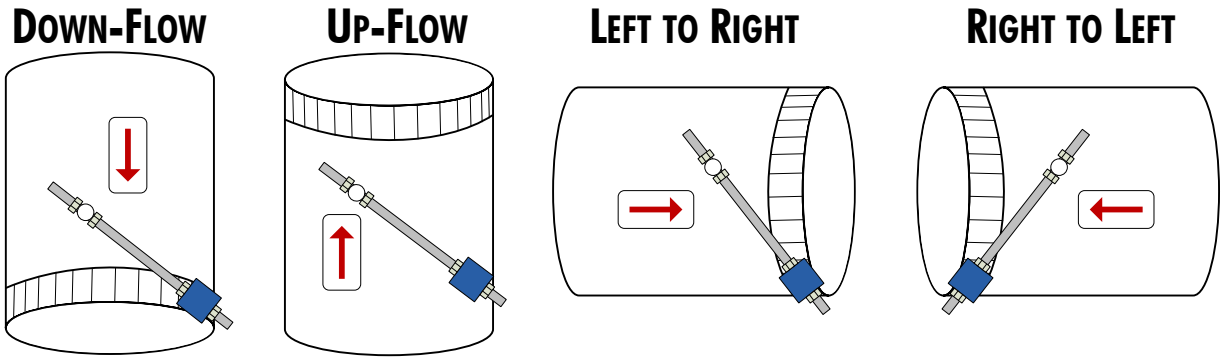
5 YEAR ECOJAY PRODUCTS LIMITED WARRANTY

BAROMETRIC BYPASS

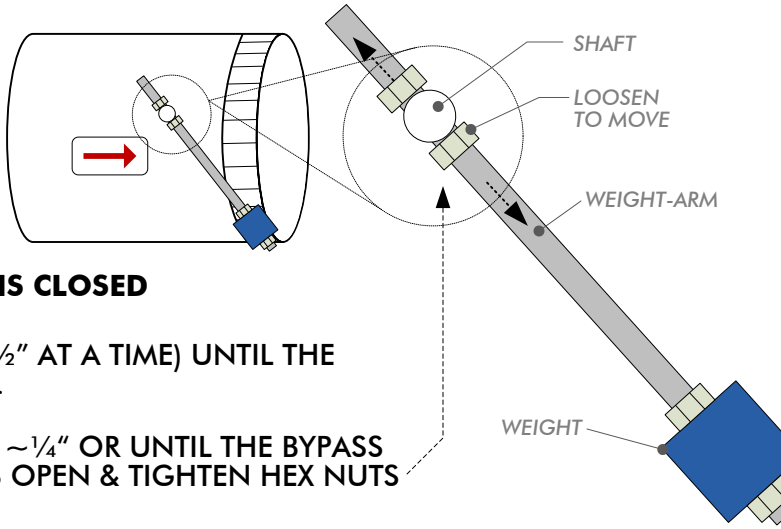
THE ECOJAY BAROMETRIC BYPASS DAMPER WAS DEVELOPED WITH ECONOMY AND SIMPLICITY IN MIND. THE NEED FOR A BYPASS DAMPER IN MOST ZONING APPLICATIONS CALLS FOR AN EASY TO USE AND COST EFFECTIVE DAMPER TO SERVE THIS PURPOSE. THE "WEIGHTED ARM" BYPASS METHOD OF RELIEVING AIR PRESSURE HAS PROVEN RELIABILITY AND QUIET OPERATION. CUSTOM COMPONENTS WITH CRITICAL DIMENSIONS ARE MANUFACTURED USING LASER CUTTERS TO ENSURE A PRECISION FIT. ASSEMBLED BY HAND IN THE USA.

CONFIGURATION

1 WITH BLADE CLOSED, POSITION THE "WEIGHT ARM" IN THE INITIAL POSITION SHOWN BASED ON AIRFLOW DIRECTION



2 LOOSEN HEX NUTS ON THE WEIGHT ARM FROM THE DAMPER AT THE SHAFT AND SLIDE THE WEIGHT ARM THROUGH THE SHAFT HOLE



3 MAKE A CALL FOR COOLING FROM ALL ZONES & VERIFY THAT ALL ZONE DAMPERS ARE OPEN AND HI SPEED FAN IS RUNNING, **MAKE SURE THE BYPASS DAMPER REMAINS CLOSED**

4 MOVE THE WEIGHT TOWARD THE SHAFT (~½" AT A TIME) UNTIL THE BYPASS DAMPER STARTS TO OPEN SLIGHTLY.

5 MOVE THE WEIGHT AWAY FROM THE SHAFT ~¼" OR UNTIL THE BYPASS DAMPER REMAINS CLOSED WITH ALL ZONES OPEN & TIGHTEN HEX NUTS AROUND SHAFT

TESTING

REMOVE THE COOLING CALLS FROM ALL BUT THE SMALLEST ZONE. AFTER DAMPERS FROM ALL BUT THE SMALLEST ZONE HAVE FULLY CLOSED, CONFIRM THAT THE BAROMETRIC BYPASS DAMPER OPENS EASILY. (NOTE: BAROMETRIC BYPASS WILL NOT FULLY OPEN)

FOR MORE INFORMATION ABOUT BYPASS SETUP AND SIZING, REFER TO THE INSTALL GUIDE.