



SUBMITTAL DRAWING
HDBDD5
HEAVY DUTY BACKDRAFT DAMPERS

STANDARD CONSTRUCTION

MINIMUM SIZE

6" w x 6" h

MAXIMUM SIZE

60" w x 96" h

LINKAGE

10 ga. (1.6) linkage arms
 in the airstream.

BEARINGS

Ball Bearings pressed into frame

FINISH

Mill

FRAME

8" X 2" X 10 ga. steel channel

BLADES

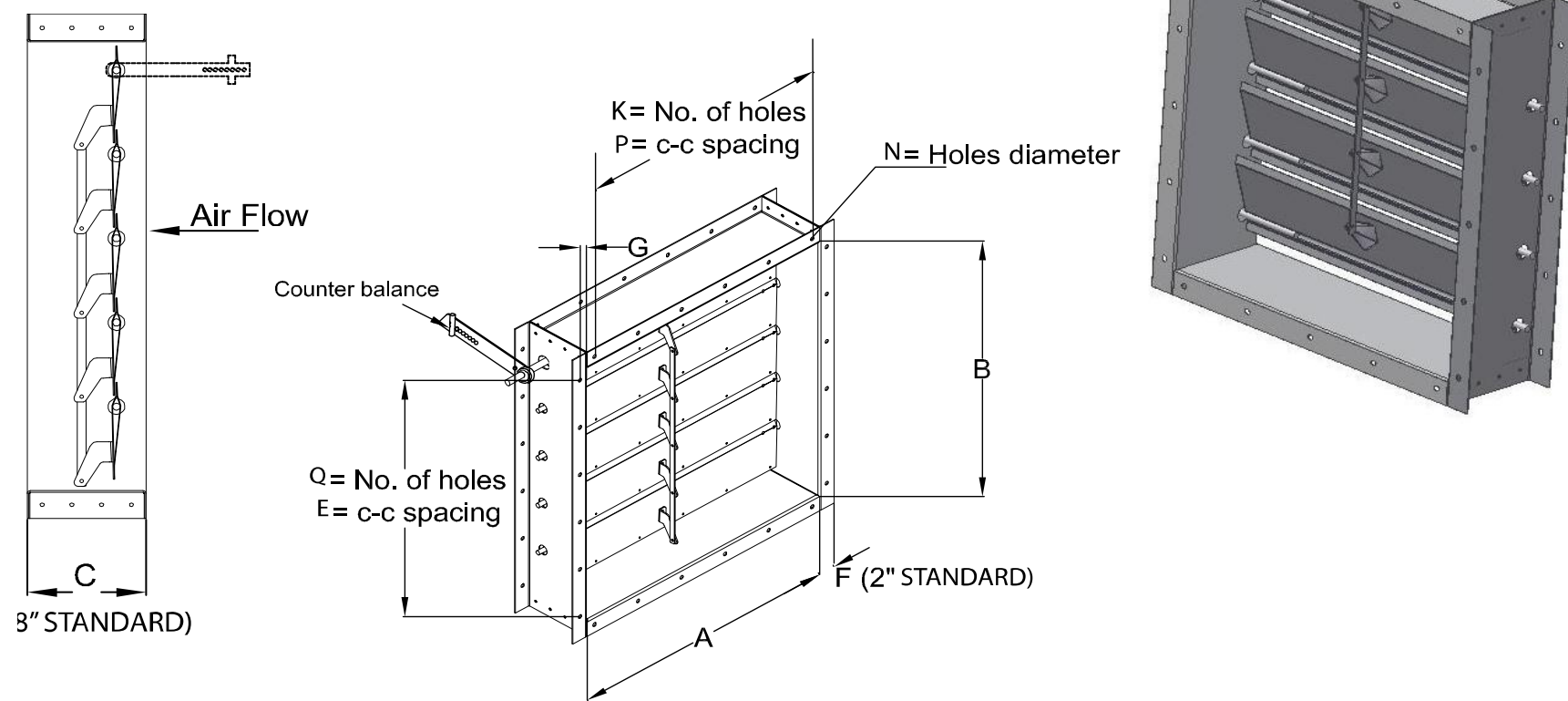
Double skin, airfoil type 0 18 ga. steel
 with a 7" maximum width.

AXLES

3/4" dia. plated steel

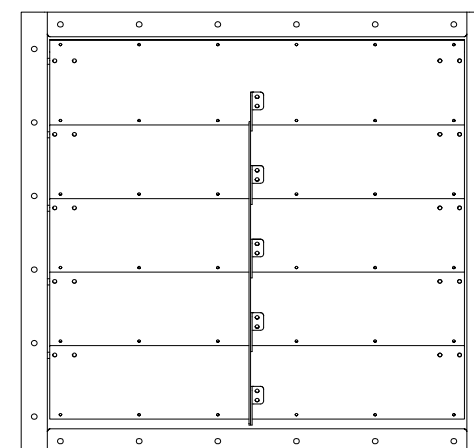
OPTIONS:

- 304 Stainless Steel Construction



| FRAME | | BLADES | | AXLES | | BEARINGS | |
|----------------------------------|--|---|--|----------------------------|--|--|--|
| 10 GA (3.5) GALV STEEL CHANNEL | | 18 GA.(1.6) GALV STEEL DOUBLE SKIN AIR FOIL | | 3/4"(19) DIA. PLATED STEEL | | BALL BEARINGS PRESSED INTO FRAME | |
| 10 GA (3.5) SS CHANNEL (OPT) | | 18 GA.(1.3) 304 SS DOUBLE SKIN AIR FOIL | | 3/4"(19) DIA. 304 SS (OPT) | | SS SLEEVE PRESSED INTO FRAME (OPT) | |
| 10 GA (3.5) 316 SS CHANNEL (OPT) | | 18 GA.(1.3) 316 SS DOUBLE SKIN AIR FOIL | | 3/4"(19) DIA. 316 SS (OPT) | | RE-LUBE BALL BEARING BOLTED TO FRAME (OPT) | |

| LINKAGE | | SEALS (OPT) | | ACCESSORIES (OPT) | |
|--------------------------------------|--|--|--|--------------------------|--|
| FACE LINKAGE IN AIR STREAM (EXPOSED) | | BLADE SEALS SILICONE 400° F (200° C) MAX | | INTERNAL COUNTER WEIGHTS | |
| | | SS JAMB SEALS | | BOLT HOLES ONE FLANGE | |
| SIDE LINKAGE OUT OF AIR STREAM (OPT) | | | | BOLT HOLES BOTH FLANGES | |
| | | | | 1 1/2" TO 4" FLANGES | |



Project:
 Location:
 Architect
 Engineer:

Contractor:
 Address:
 P.O. Number:
 Date: