

westvent®

COMBINATION FIXED/OPERABLE ALUMINUM LOUVER XT-640U-FO XTF-640U-FO

STANDARD SPECIFICATIONS

- CONST. - 6063-T5 EXTRUDED ALUMINUM, FIXED DRAINABLE LOUVER C/W OPERABLE BLADE DAMPER
- FRAME - 6" X 1" X .081" (152.4MM X 25.4MM X 2.1MM) CHANNEL, BUTT CORNERS
- FIXED BLADES - 4" X .081" (101.6MM X 2.1MM) SET AT 45°, 5.5" (139.7MM) SPACING, TYPE "U" CARRY WATER TO SIDE DRAIN CHANNELS
- OPERABLE BLADES - .5" X .081", 12 GA. (12.7MM X 2.1MM) EXTRUDED ALUMINUM, C/W INSULATION AND AIRFOIL PLATES
- SEALS - DUAL DUROMETER VINYL
- SHAFTS - .5" (12.7MM) DIA. EXTRUDED ALUMINUM
- BEARINGS - .5" (12.7MM) NYLON BUSHINGS
- LINKAGE - OUT OF AIRSTREAM
- SCREEN - .75" X .75" X 18 GA. (19.1MM X 19.1MM) GALVANIZED, U CHANNEL FRAME, SCREW FASTENED
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 12" X 20" (304.8MM X 508MM) MAXIMUM 48" W X 96" H (1219.2MM X 2438.4MM)

OPTIONS

- FRAME - XTF-ADD FLANGE FRAME 1.5" (38.1MM) USING A 2.5" X .081" (63.5MM X 2.1MM) T-BAR, INSIDE MOUNTING ANGLE
- BEARINGS - OILITE BRONZE BUSHINGS
- SCREEN - AS PER REQUEST
- FINISH - PRIME COAT, BAKED ENAMEL, ANODIZED
- CONTROL - MANUAL CRANK OPERATOR, MOTORIZED

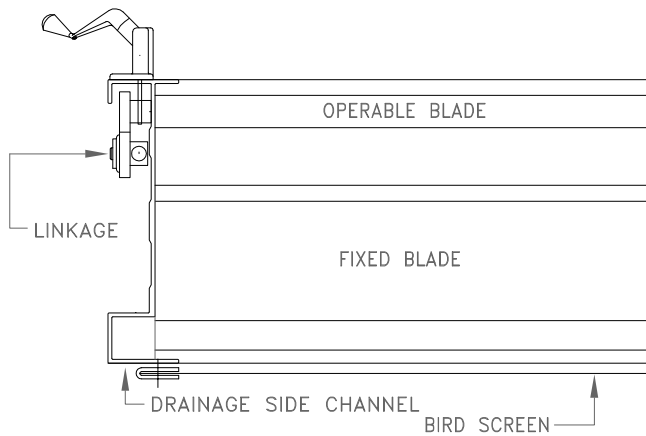
TECHNICAL NOTES

MAX. REC. INTAKE VEL. - 900 FPM THROUGH FREE AREA

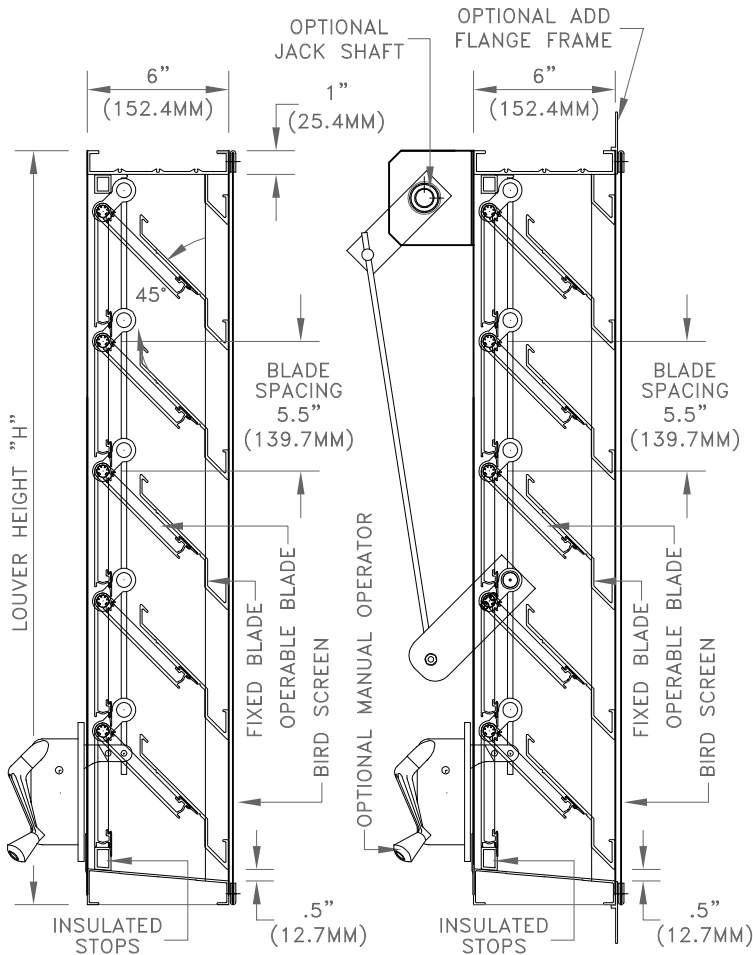
SHIPPING WEIGHT - APPROX. 10 LBS./SQ. FT.

LOUVERS ARE MANUFACTURED .5" (12.7MM) SMALLER THAN ORDERED SIZE UNLESS EXACT DIMENSIONS ARE STATED.

* FOR MORE INFORMATION, CONTACT OUR FACTORY *



HORIZONTAL SECTION



XT-640U-FO
VERTICAL SECTION

XTF-640U-FO
VERTICAL SECTION

NOTES

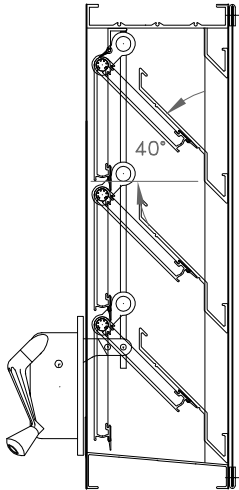
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

XT-640U-FO

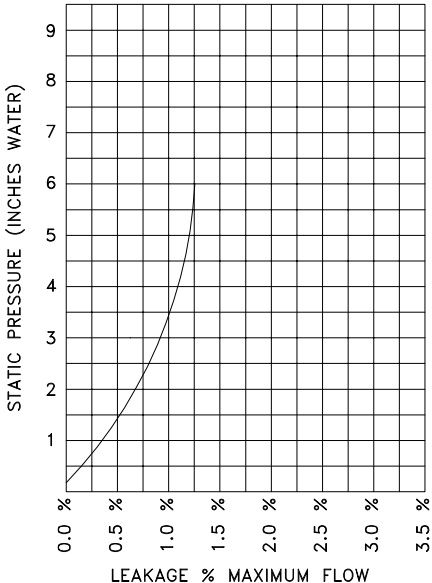


COMBINATION FIXED/OPERABLE ALUMINUM LOUVER XT-640U-FO



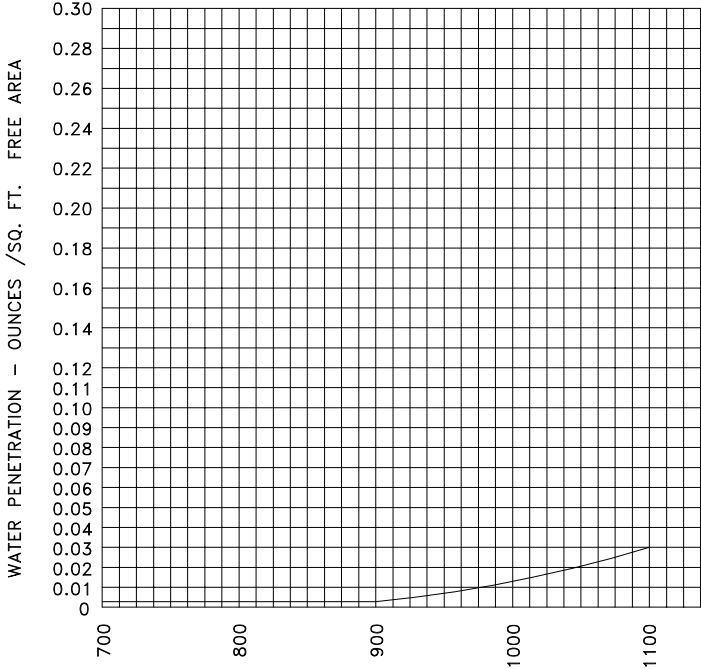
TEST
CONDITIONS:
A 24" X 24"
LOUVER WAS
USED FOR
THE TEST;
AT STANDARD
AIR DENSITY
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION

BASED ON MIN. 20 IN. LB./SQ. FT.
OF TORQUE

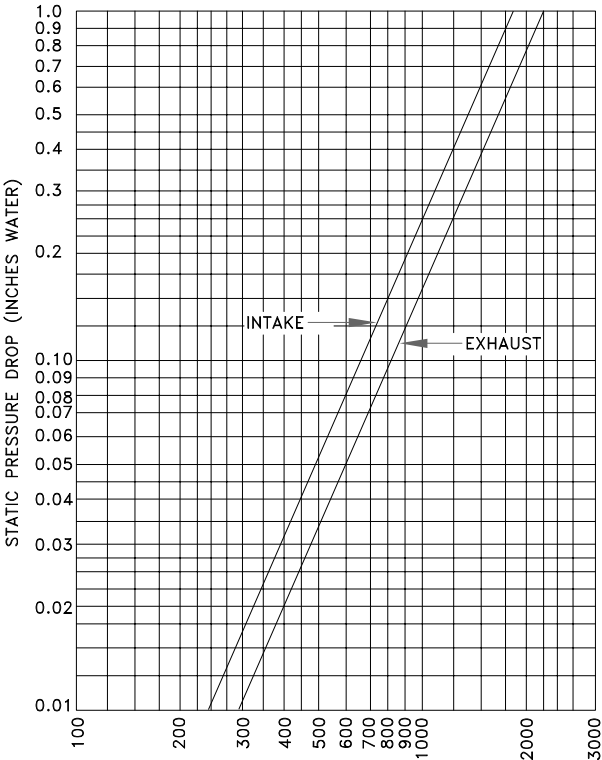


LEAKAGE GRAPH

WATER PENETRATION
OUNCES PER SQ.FT. FREE AREA
BASED IN 15 MIN. DURATION



VELOCITY FREE AREA (F.P.M.)
WATER PENETRATION GRAPH
900 F.P.M. BEGINNING OF WATER PENETRATION
(10.23 MPH WIND)



VELOCITY FREE AREA (F.P.M.)
AIR PERFORMANCE GRAPH

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