

ELBOW & RADIUS BEND

WHERE DUCT WIDTH IS SMALLER THAN OR EQUAL TO 400 USE RADIUSED BEND WHERE DUCT WIDTH IS GREATER THAN 400 USE ELBOW WITH TURNING VANES

DUCT WIDTH (LONGEST SIDE)

NOMINAL SHEET THICKNESS (mm)

CROSS BREAKING

LONGITU

DISTANCE BETWEEN TRANSVERSE JOINTS

ADDITIONAL STIFFENING

STANDARD RECTANGULAR

LOW PRESSURE 500Pa (2" w.g) DUCTWORK

0.6mm

8

'C' CLEATS

'MEZ' 120 'MEZ' CORNER 225

2400 2380

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YES ON SIDES OVER 400mm

601 TO 1000mm 101 TO 600mm UP TO 100mm

8

SNAPLOCK SNAPLOCK SNAPLOCK

MEZ' 120 MEZ' CORNER 225 2400

MEZ' 130 MEZ' CORNER 233 2400

NIL 25x25x3mm MS ANGLE @ 1200 \$
NIL 40x40x3mm MS ANGLE @ 1200 \$

1001 TO 1250mm

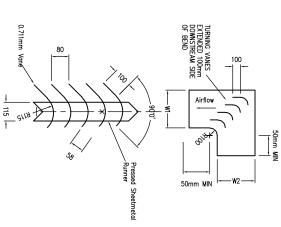
1.0mm 0.8mm 0.6mm

YES ON SIDES OVER 1000mm

1.0mm

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'MEZ' 130 'MEZ' CORNER 233 1200



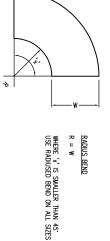
NOTE:

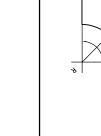
NOTE:

OF VANE ON RINNER TO SUIT

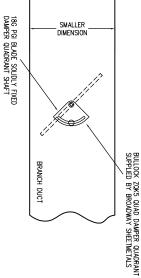
SCUPELY FASTERN VANE INTO RUNNER BY THISTING VANE INSIDE RUNNER
DIMPLE AND USE SEALANT TO ENSURE VANE MILL NOT RATILE. AS 2 VANES

MIN DUCT IS LINED WITH ACQUISTICAL TYPE INSULATION A 115/mm WIDE X
RUNNIG THICKNESS DEEP TOP HAT SECTION MUST BE MOUNTED UNDER
WHEN DUCT IS LINED WITH ACQUISTICAL TYPE INSULATION A 115/mm WIDE X
RUNNIG THICKNESS DEEP TOP HAT SECTION MUST BE MOUNTED UNDER
WHEN TURNING VANES EXCRED 600mm IN LENGTH INTERMEDIATE SUPPORT
SHALL BE PROVIDED @ 600mm CENTRES TO AVOID FLEXING OF THE VANES





BALANCING DAMPERS



LONGITUDINAL SEAM

<u>SNAP-LOCK ASSEMBLY</u>

SMALLER DUCTS
FOR DUCTS LESS THAN 300MM VERTICAL AND 400MM HORIZONTAL SEE ABOVE DETAIL. (INCLUDES ROUND AND OVAL UP TO ¢350).

- LARGER DUCTS
 FOR DUCTS MORE THAN 300MM VERTICAL AND 400MM HORIZONTAL:
 1. HOLYONKE HIÐD 155 FOR AND HALANOING ONLY.
 2. HOLYONKE HOD 75 OR HOD 150 FOR MODULATING OR FULLY CLOSED PURPOSES AS NOMINATED BY THE PROJECT DESIGN ENGINEER.
 3. FOR ROUND AND OVAL DUCTS OVER Ø350 USE HIÐD OR HOD WITH TRANSITION TO REQUIRED SIZE.

UNISIL TYPE 3204 18mm W × 3mm THICK FOAMSEAL SPOTWELD OR POP RIVET AT 100mm \$ ø8/10mm NUTS AND BOLTS THROUGH EACH CORNER PIECE

35 LARGE FLANGE

• ON INTERNALLY INSULATED DUCTS DO NOT CROSS BREAK \underline{BUI} - (A) FOR 401mm TO 600mm DUCT WIDTHS 25x25x3mm MS ANGLE STIFFENING AT 1200 \$

- (B) FOR 1001mm TO 1250mm DUCT WIDTHS 40x40x3mm MS ANGLE STIFFENING AT 800 \$ MAX

 ON DUCT WIDTHS OVER 2250 FIT ADDITIONAL 50x50x5mm MS ANGLES BEHIND FLANGES ON DUCT WIDTHS OVER 1600 FIT ADDITIONAL 40x40x5mm MS ANGLES BEHIND FLANGES

NOTE: DUCT CONSTRUCTION FOR KITCHEN EXHAUST SYSTEMS TO BE MINIMUM 18G PGI WHERE NOT ENCLOSED IN SINGLE DEDICATED SHAFT. WHERE CONSTRUCTED FROM STANLESS STEEL USE MINIMUM 0.9MM THICKNESS.

2251 TO 3000mm

1.2mm 1.0mm

8 8 8

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'MEZ' 130 'MEZ' CORNER 233 (refer note 2) 'MEZ' 130 'MEZ' CORNER 233 (refer note 1)

> 1200 1200

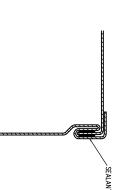
40x40x5mm MS ANGLE @ 600 \$ 40x40x5mm MS ANGLE @ 600 \$ 40x40x5mm MS ANGLE @ 600 \$

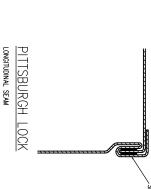
PITTSBURGH

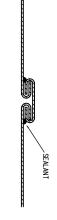
1601 TO 2250mm 1251 TO 1600mm



FLANGED JOINTS (0.711mm CHANNELS 3 SIDES) WEATHERPROOFING OF EXTERNAL







(DRIVE SLIP) SIMILAR FOR 'S' CLEAT 'C' CLEAT TRANSVERSE JOINT

