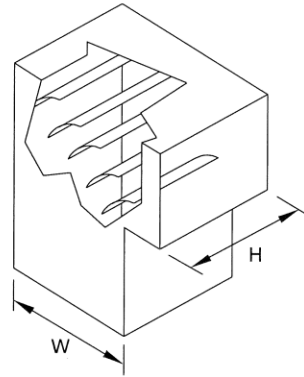
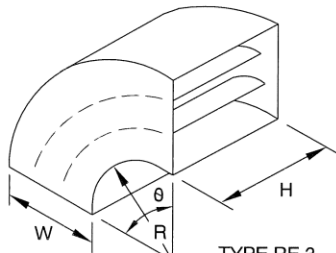


TYPE RE 1
RADIUS ELBOW

CENTERLINE $R = \frac{3W}{2}$ UNLESS OTHERWISE SPECIFIED - IS NOT RESTRICTED TO 90° SQUARE THROAT, $\frac{R}{W} = 0.5$, MAY BE USED, UP TO 1000 FPM (5 mps).

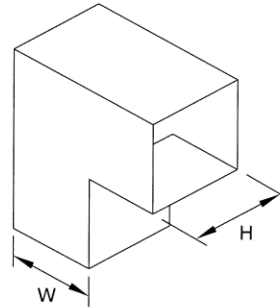


TYPE RE 2
SQUARE THROAT ELBOW
WITH VANES

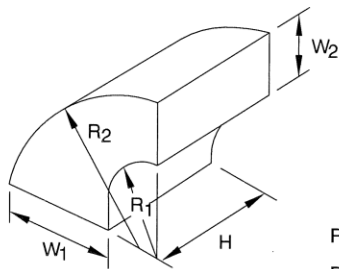


TYPE RE 3
RADIUS ELBOW
WITH VANES

NOTE:
FOR RE 3 SEE SPLITTER VANES IN SMACNA
HVAC SYSTEMS DUCT DESIGN



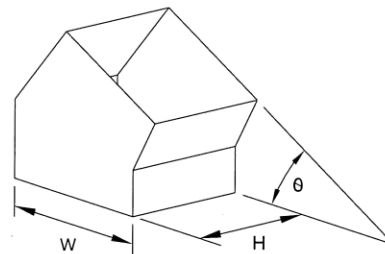
TYPE RE 4
SQUARE THROAT ELBOW
WITHOUT VANES
(1000 FPM (5 mps) MAXIMUM VELOCITY)



TYPE RE 5
DUAL RADIUS ELBOW

$$R_1 = \frac{3}{4} W_1$$

$$R_2 = R_1 + W_2$$



TYPE RE 6
MITERED ELBOW

BEAD, CROSSBREAK AND REINFORCE FLAT SURFACES AS IN STRAIGHT DUCT

PAGE 1 OF 2

FIGURE 4-2 RECTANGULAR ELBOWS

