Condensate Trapping for Cooling Coils

Positive Static Pressure

X = at least 1 inch PLUS casing static pressure

H = at least 1 inch

TOTAL HEIGHT OF TRAP

Total Height of Trap = X + H + (1½ X Pipe Diameter)
(without insulation)
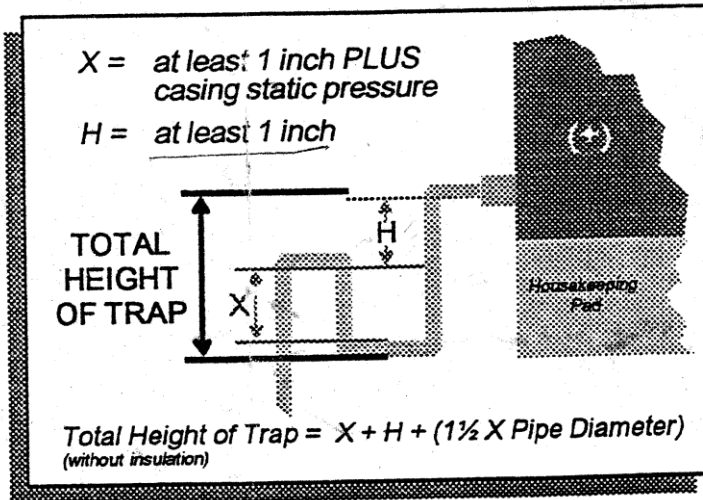
EXAMPLE: When Static Pressure = .3 in. wg
X = 4 in., H = 1 in., Pipe Dia. = 1¼ in.
TOTAL HEIGHT OF TRAP = 6⅞ in.

Negative Static Pressure

X = 1/2 "H"

H = at least 1 inch PLUS casing static pressure

TOTAL HEIGHT OF TRAP

Total Height of Trap = X + H + (1½ X Pipe Diameter)
(without insulation)
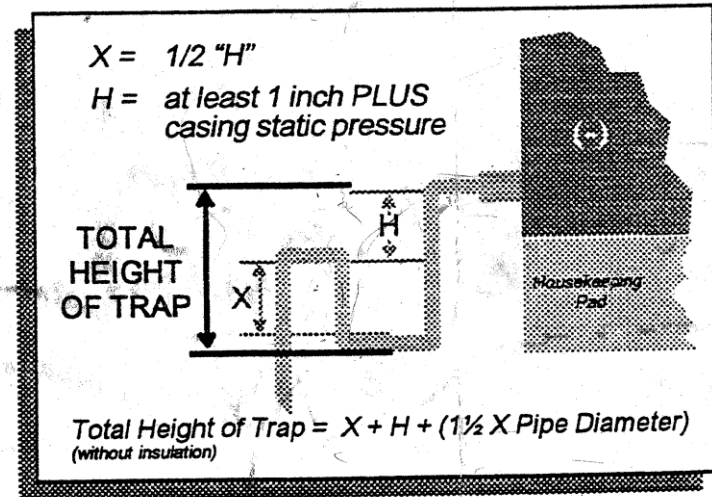
EXAMPLE: When Static Pressure = 3 in. wg
X = 2 in., H = 4 in., Pipe Dia. = 1¼ in.
TOTAL HEIGHT OF TRAP = 7⅞ in.