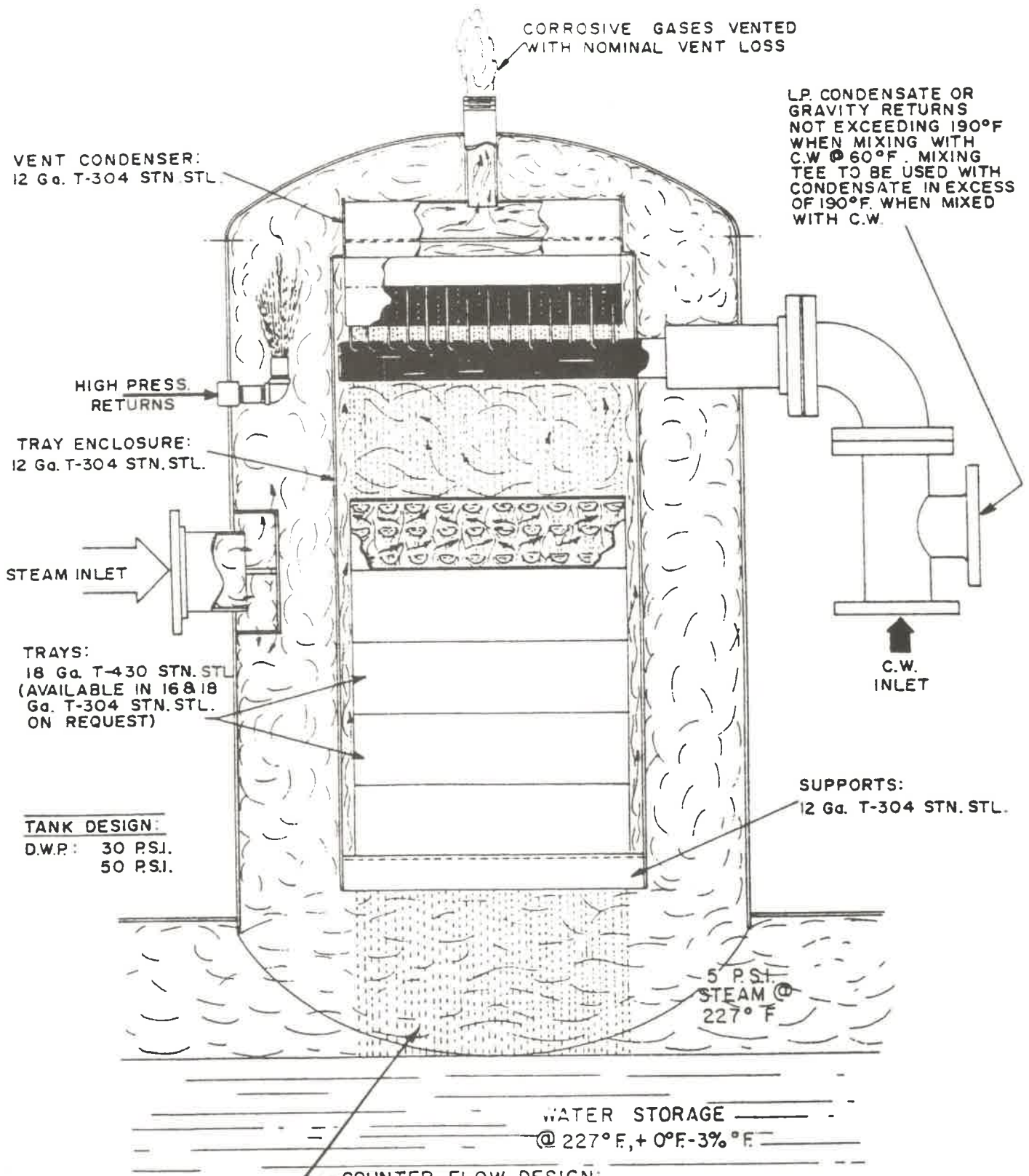


LOCKWOOD. INTEGRAL JET SPRAY TRAY DEAERATOR



VENT CONDENSER:
12 Ga. T-304 STN. STL.

HIGH PRESS.
RETURNS

TRAY ENCLOSURE:
12 Ga. T-304 STN. STL.

STEAM INLET

TRAYS:
18 Ga. T-430 STN. STL.
(AVAILABLE IN 16 & 18
Ga. T-304 STN. STL.
ON REQUEST)

TANK DESIGN:
D.W.P.: 30 P.S.I.
50 P.S.I.

CORROSIVE GASES VENTED
WITH NOMINAL VENT LOSS

LP. CONDENSATE OR
GRAVITY RETURNS
NOT EXCEEDING 190°F
WHEN MIXING WITH
C.W. @ 60°F. MIXING
TEE TO BE USED WITH
CONDENSATE IN EXCESS
OF 190°F. WHEN MIXED
WITH C.W.

C.W.
INLET

SUPPORTS:
12 Ga. T-304 STN. STL.

5 P.S.I.
STEAM @
227°F

WATER STORAGE
@ 227°F, + 0°F-3% °F

COUNTER FLOW DESIGN:

STEAM FIRST MAKES CONTACT WITH HOT WATER LEAVING
HEATING AND DEAERATION CHAMBER.

RECOMENDED OPERATING PRESSURE: 5 P.S.I.