

MECHANICAL DATASHEET
FOR

CONDENSATE STRIPPER COLUMN
T70-C-0101 / 0201

FOR ARRANGEMENT DRAWING REFER TO SHEET 005/005

PROCESS DESIGN DATA SHEET - TRAYS

VESSEL ITEM NO.: T70-C-0101 / 0201

SERVICE: CONDENSATE STRIPPER COLUMN

SECTION

- * TRAY NO(S)
- * COLUMN ID, (ft)
- * TOTAL TRAYS PER SECTION
- * TRAY SPACING, (inch)
- * TRAY TYPE
- * TRAY EFFICIENCY
- * NO. OF PASSES PER TRAY
- * MAX. ALLOW ΔP PER TRAY (psia)

TOP [NORMAL]	BOTTOM [NORMAL]	CHIMNEY	
32~28	2~27	1	
10'-6"	10'-6"	10'-6"	
5	26	1	
24	24	60	
Valve	Valve	Chimney	
85%	65%	-	
2	2		
0.125	0.125	0.125	

VAPOR TO TRAY NO.:

- TEMPERATURE, (T° F)
- PRESSURE, (PSIG)
- COMPRESSIBILITY FACTOR (Z)
- VISCOSITY, (cP)
- DENSITY, (lb/ft³)
- MOLECULAR WEIGHT
- FLOW RATE - (lb/h)

See attachment 1 & 2

LIQUID FROM TRAY NO.:

- TEMPERATURE, (T° F)
- MOLECULAR WEIGHT
- SURFACE TENSION, (dyne/cm)
- VISCOSITY, (cP)
- DENSITY, (lb/ft³)
- FLOW RATE - lb/h

-	-		

See attachment 1 & 2

FOAMING TENDENCY: NONE _____ MODERATE X _____ HIGH _____ SEVERE _____

GENERAL:

- TRAYS NUMBERED TOP TO BOTTOM _____ BOTTOM TO TOP X _____
- PERCENT OF FLOOD NOT TO EXCEED 85 % AT MAXIMUM DESIGN VAPOR AND LIQUID RATES
- VESSEL MANWAY ID 24 inch
- .. TRAY DECK GAUGE / MATERIAL _____
- .. DOWNCOMER GAUGE / MATERIAL _____
- .. CAP OR VALVE GAUGE / MATERIAL _____

NOTES:

- * THESE ARE PRELIMINARY DATA TO BE SUPPLIED BY DESIGN ENGINEER AND VERIFIED BY TRAY MANUFACTURER.
- TRAYS ARE TO BE MANUFACTURED IN ACCORDANCE WITH 32-SAMSS-020.