



AUTOCLAVE DETAILS:

APPROXIMATE WEIGHT-1800kg
 HYDRAULIC WEIGHT- 2638kg
 HEAT EMISSION- 4kW
 RAIL HEIGHT- 900mm
 CHAMBER DIMENSIONS: 660 HIGH
 660 WIDE
 1825 DEEP
 CHAMBER VOLUME- 0.795 m³

CUSTOMER TO SUPPLY: PLEASE CONTACT SAL PHARMA WITH ANY DEVIATIONS.

SERVICE REQUIREMENTS	CONSUMPTION		PRESSURE	MINIMUM NOM BORE
	PEAK	AVERAGE		
TOTAL STEAM (C+J)	200 Kg/hr	75.5 Kg/hr	3-6 BAR	1" (28mm)
CHAMBER STEAM (C)	200 Kg/hr	71 Kg/hr	3-6 BAR	1" (28mm)
JACKET STEAM (J)	100 Kg/hr	4.5 Kg/hr	3-6 BAR	1" (28mm)
WATER (100-150ppm)	15 Litres/minute (min)	2 BAR(min)	1/2" (15mm)	
AIR (OIL FREE)	0.09m ³ /min	0.06m ³ /min	5.5 BAR(min)	1/2" (8mm)
CONDENSATE	94 Litres/hr	4 Litres/hr	1/2" (15mm)	

- a: AIR, WATER & STEAM TO TERMINATE VERTICALLY AT 2.5m ABOVE F/L. 1/2" BSP ISOLATION VALVE ON AIR & WATER, 1" BSP ISOL VALVE ON STEAM.
- b: CONDENSATE RETURN CAN BE SUPPLIED AS AN OPTIONAL EXTRA. RETURN TO BE AT LOW LEVEL WITH 1/2" BSP ISOLATION VALVE.
- c: ELECTRICAL ISOLATOR RATED FOR 4kW 16A 3+N~50Hz 415/240V. TO BE WITHIN 1m OF THE AUTOCLAVE AND 1.3m ABOVE FLOOR LEVEL.
- d: THREE EXTERNAL VENTS Ø35mm COPPER (PRESSURE RELIEF VALVES 140°C) AND ONE Ø35mm VENT (WATER TANK VAPOUR 100°C). 2.5m ABOVE F/L.
- e: FREE DRAINAGE AT FLOOR LEVEL. TO ACCEPT Ø54mm PIPE (90°C).
- f: ADEQUATE VENTILATION FOR 40°C MAXIMUM PLANTROOM TEMPERATURE.

Issue & Date	Design & Initials	Modification Details
A		Original Issue

Title
DATA SHEET AUTOCLAVE

Description
28 CU FT UPWARD CLOSING

Drawn Date
J.NORRIS 14-4-10

Checked Date

Approved Date

Scale 1:20 e A3 Part No

Remarks

Drawing No DS28AUC A
Sheet 1 Of 1 Sheets