

# VACUUM DEGASSER



## FEATURES

- Fully automated degassing and water make-up.
- Works on pressure differential deaeration principle.
- Built in flow meter to measure degassed and make-up water volumes.
- Microprocessor based control panel.
- BMS compatible.
- All Components, i.e. pump, SS vacuum tube, valves, interconnecting piping and control panel mounted on a compact steel frame.

## BENEFITS

- Removes microbubbles and even dissolved gas.
- Brings gas content to near zero.
- Prevents air-locks and cavitation.
- Increases heat transfer efficiency.
- Reduces corrosion in piping and sludge formation.

## TECHNICAL DATA

Model	:	VDU 150	VDU 150	VDU 180	VDU 1120	VDU 1170
Pump						
Type	:	..... Multistage, Centrifugal .....				
Power (kW)	:	0.75	0.75	1.1	1.5	2.2
Power supply (AC, 50Hz)	:	..... 415V, 3 Ph .....				
Max. flow rate (CMH)	:	..... 1 .....				
Max. head (mWC)	:	50	50	80	120	170
Max. operating temperature	:	..... 70°C .....				
Controls						
Control panel protection	:	..... IP55 .....				
Pressure rating	:	PN 10	.....	PN 16	.....	PN 20

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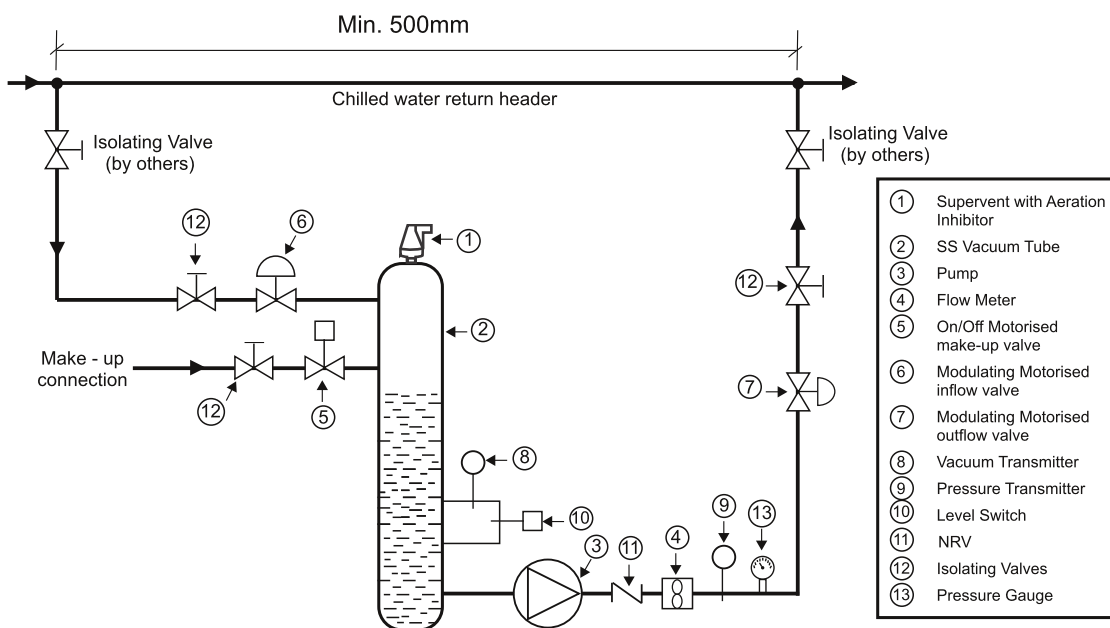
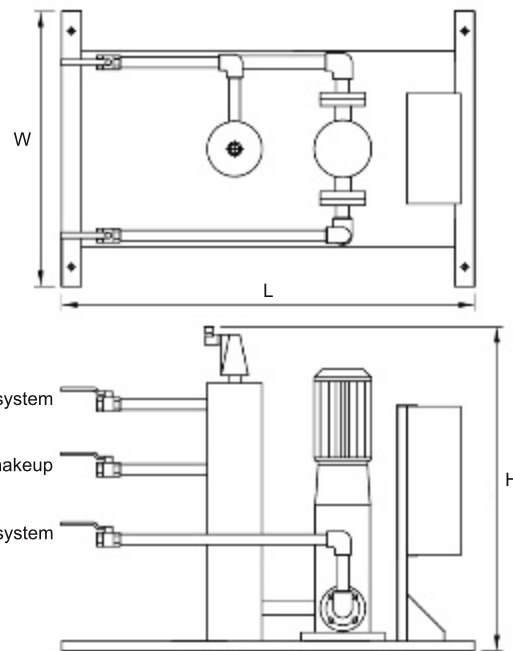
## INSTALLATION AND COMMISSIONING

For detailed installation & commissioning instructions refer to installation manual shipped along with the unit.

## DIMENSIONS

MODEL	L	W	H
VDU- 150	1050	700	825
VDU- 180	1050	700	825
VDU-1120	1050	700	860
VDU-1170	1050	700	1000

All dimensions are in mm



Schematic Drawing of Vacuum Degasser

- ① Supervent with Aeration Inhibitor
- ② SS Vacuum Tube
- ③ Pump
- ④ Flow Meter
- ⑤ On/Off Motorised make-up valve
- ⑥ Modulating Motorised inflow valve
- ⑦ Modulating Motorised outflow valve
- ⑧ Vacuum Transmitter
- ⑨ Pressure Transmitter
- ⑩ Level Switch
- ⑪ NRV
- ⑫ Isolating Valves
- ⑬ Pressure Gauge