



# Volume Measuring Device

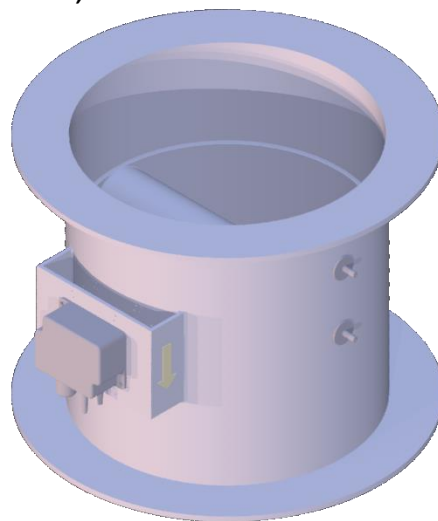
## Model - 895

Save Energy | Enhance Safety

**Syannlab Solutions Pvt. Ltd.**  
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**Microprocessor-Controlled Airflow Volume Measurement Device:** This device is designed and produced for measuring the volume flows of fume hood exhaust air, laboratory supply air and room exhaust air in manifolded or clustered ducts. It is suitable for various high-speed and accurate measuring tasks, including fume hoods, enclosures, specialty chemical cabinets and other canopy exhaust air and supply units

- High Speed & Stable
- Accurate Airflow Transmitter
- Non Flow thru sensor type
- Non Corrosive material, PP
- Auto Zero Function (Optional)
- Selectable units
- Analogue Outputs (V & mA)
- 230V 1 Ph. Power Supply



Wide Range selection 240 cmh to 24640 cmh

Multiple field selectable measurement and transmitting units:

Volume flow: m<sup>3</sup>/s, m<sup>3</sup>/h, cfm, l/s

Pressure: Pa, inWC, mmWC, kPa, mbar, psi

Unique proportional output options:

Flow output: Voltage 0(2)–10 V or current 4–20 mA

Differential pressure: Voltage 0(2)–10 V or current 4–20 mA

Performance Accuracy (from applied pressure):

Flow below 1000CMH = 2%\* & Flow above 1000CMH = 3%\*

Sensor Overpressure: Proof pressure: 25 kPa Burst pressure: 30 kPa

Zero-point calibration: Automatic autozero (Optional) or manual pushbutton

Response time: 1 & 8s, selectable via jumper

Power supply: From wall socket, 230V AC 1 phase

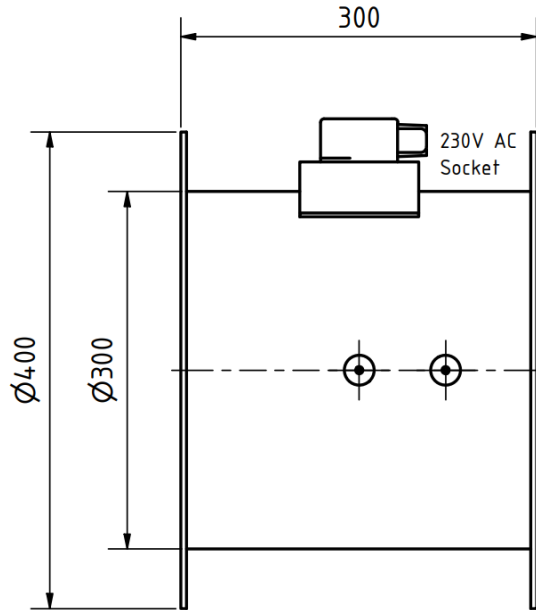
Duct Mounting: Easy to mount flanges design

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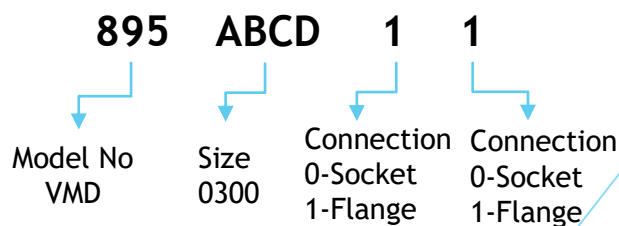
Figure - 1 - Schematic Diagram



## Measurement & Sizes

Round				Rectangular				
Size (mm)	Min.	Nom.	Max.	Size (W)	Size (H)	Min.	Nom.	Max.
200	240	600	960	300	200	520	1300	2080
250	360	900	1440	450	300	1120	2800	4480
315	600	1500	2400	600	400	2000	5000	8000
400	960	2400	3840	800	500	3400	8500	13600
500	1480	3700	5920	900	600	4520	11300	18080
600	2120	5300	8480	1000	750	6160	15400	24640
700	2920	7300	11680					
800	3800	9500	15200					

All sizes are in mm and air volume in CMH



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