



# indo ANUSHKA

## Steam Technologies

### AVDT ASSEMBLY

#### Description:

Air Vent with Dial Thermometer (AVDT) assembly consist of Balanced Pressure Thermostatic Air Vent with in-built Screen, air collecting pipe and Bimetallic Dial Thermometer.

#### Size & Pipe Connections:

15 NB Screwed BSPT with Air collector pipe and bottle.

#### Limiting Conditions for Thermostatic Air Vent:

PMO - Max. Operating Pressure 21 bar  
TMO - Max. Operating Temp. 285 deg. C

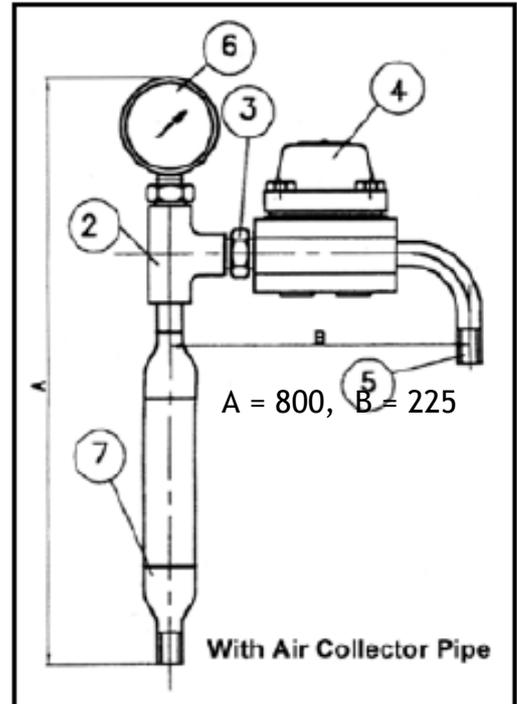
#### Temperature Range for DTs:

- a) 0 -180 deg. C
- b) 0 - 250 deg. C

**Note:** Available NON-IBR

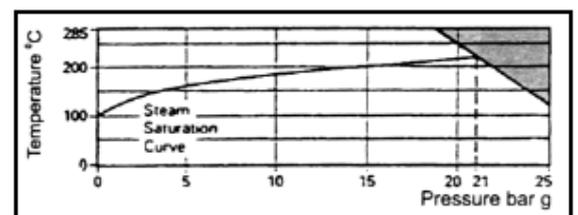
#### Material:

Sr. No.	Description	Material	Standard
1	15NB Pipe	Carbon Steel	ASTMA106 Gr.- B
2	15NBEqualT	FCS	ASTM A234 Gr. WPB
3	15 NB Hex. Nipple.	FCS	-
4	Balance Pressure Trap - AV21	Cast Steel	ASTM A 105
5	15NB long Bend 90 deg.	Carbon Steel	ASTMA106 Gr.B
6	Bimetallic Dial Thermometer.	SS	-
7	Air Collector Pipe.	Carbon Steel	ASTMA106 Gr.- B



#### Operating Range of AV 21

Operating range



#### Installation:

Installation of AVDT is very simple. This unit is to be installed directly on the equipment from which trapped air needs to be vented out. Fit the air Collector pipe 7 or pipe 1 at the highest point in the Equipment where air is likely to be collected through 15 NB BSPT tapping. AVDT should be erected vertical.

Manufactured and Marketed by: *Indo Anushka*

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