

spirax

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Thermostatic Steam Trap/Air Vent BPT 21 / AV 21

Description:

Thermostatic Steam Trap / Air Vent fitted with an inbuilt flat strainer screen having 0.8 mm dia. perforations.

Sizes & Pipe Connections:

15NB and 20NB Screwed BSPT /NPT
 Socket weldable Ends.

Limiting Conditions:

Maximum Operating Conditions
 PMO - Max. Operating Pressure 21 bar
 TMO - Max. Operating Temperature 285°C
 Cold hydraulic test pressure 42 bar

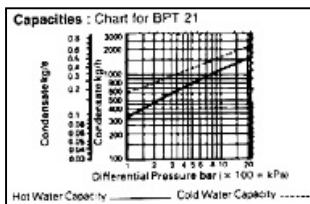
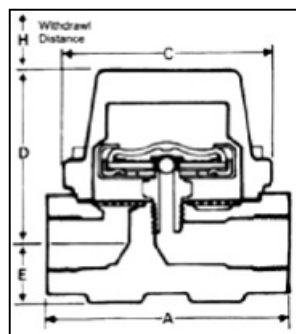
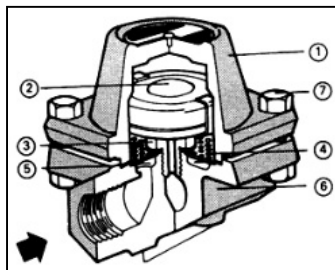
Material:

No.	Part	Material	
1	Cover	Forged Carbon Steel	ASTMA 105
2	Capsule	Stainless Steel	AISI 304
3	Valve Seat	St. Steel type 431	ASTMA 276
4	Strainer Screen	St. Steel type 304	ASTMA 240
5	Cover Gasket	Reinforced exfoliated graphite	
6	Body	Forged Carbon Steel	ASTMA 105
7	Cover Bolts & Nuts	Carbon Steel H.T.	IS 1367

Available spares are shown overleaf. IBR approved BPT 21 and AV 21 can be supplied on request

Dimensions: (approximate) in millimetres

Size	A	C	D	E	H
15 NB	92	80	70	26	40
20NB	92	80	70	26	40



Capsule Filling For BPT-21

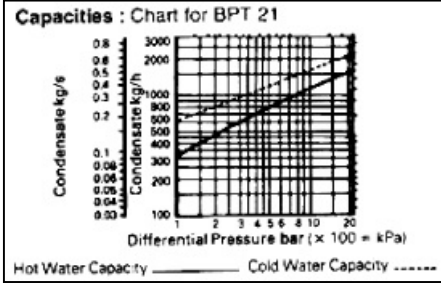
As standard the trap is supplied with filling F which will operate approximately 22°C below steam saturation temperature.

As an optional alternative the trap can be supplied with filling E, which will operate approximately 10°C below steam saturation temperature.

Note: If the alternative capsule is required this must be clearly stated on the order e.g. capsule to have D fill or F fill.

Capsule Filling For AV-21.

As standard the AV 21 is supplied with filling F.



Capsule Filling For BPT-21

As standard the trap is supplied with filling F which will operate approximately 22°C below steam saturation temperature.

As an optional alternative the trap can be supplied with filling E, which will operate approximately 10°C below steam saturation temperature.

Note: If the alternative capsule is required this must be clearly stated on the order e.g. capsule to have D fill or F fill.

Capsule Filling For AV-21.

As standard the AV 21 is supplied with filling F.

Available Spares:

The spare parts available are shown in heavy outline. Parts drawn in broken line are not supplied as spares.

Available Spares

Capsule & Seat Assembly set F Fill A

(State capsule filling) E

Strainer screen & Gasket Kit B,C

How to Order:

Always order spares by using the description & PC. No. given above and stating the size and type of Steam Trap. For Code* Ref. User Manual.

Example: 1 Capsule & Seat assembly set for 15 NB BPT 21 Steam Trap F Fill.

