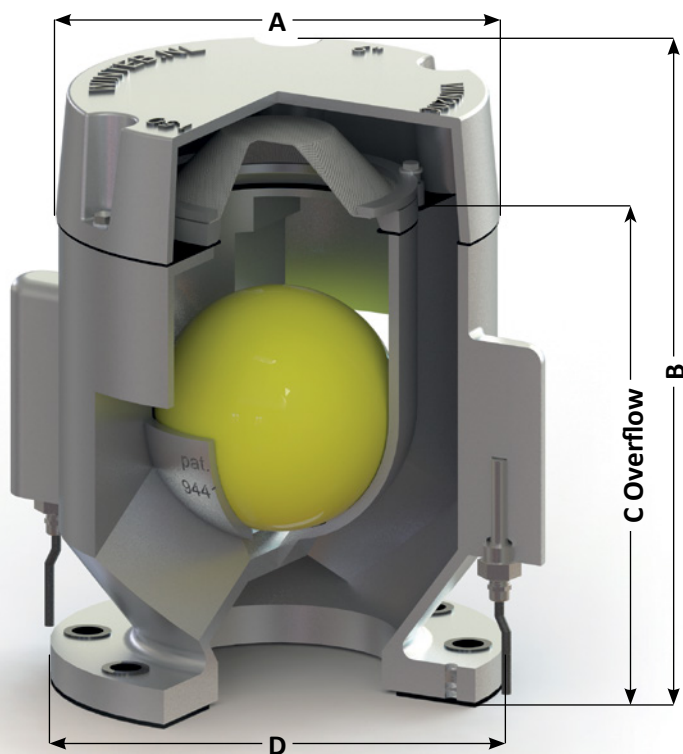


The world's largest producer of seawater resistant aluminium air pipe heads  
 Innovative and high quality products

### WIN2000 HIAS HEATED AIR PIPE HEAD

Face the cold with Winteb's heated Air Pipe Heads



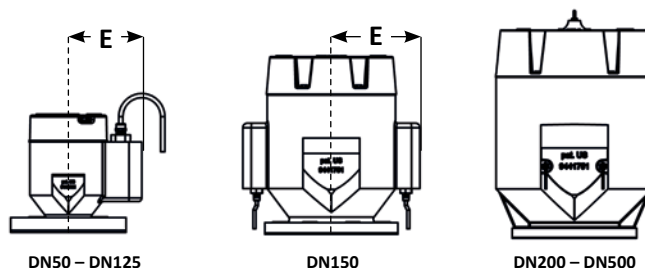
**Options:**

1. Closing device\*
2. Screen\*
3. Threaded connection (BSP/NPT), only for aluminium pipes
4. Victaulic connection
5. Small flange connection
6. Powder (epoxy) coating
7. Sounding pipe

Also available in an Ex-Proof version

\* Either option 1 or 2 (Closing device or screen)

- HFO: Winteb strongly advises to use VITON Gaskets for HFO tanks & Bunker stations with temperatures exceeding +60°C
- Winteb advises to not use a screen on Ballast tanks unless required by class



Electrical grounding has to be ensured by mounting

|  | DN50<br>(2")                                | DN65<br>(2 1/2") | DN80<br>(3") | DN100<br>(4") | DN125<br>(5") | DN150<br>(6") | DN175<br>(7") | DN200<br>(8") | DN250<br>(10") | DN300<br>(12") | DN350<br>(14") | DN400<br>(16") | DN450<br>(18") | DN500<br>(20") |
|--|---|------------------|--------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A (mm)   | Ø110  | Ø130             | Ø160         | Ø195          | Ø233          | Ø275          | Ø275          | Ø338          | Ø442           | Ø560           | Ø645           | Ø728           | Ø740           | Ø887           |
| B ±2.5 (mm)  | 169   | 203              | 235          | 272           | 321           | 380           | 380           | 481           | 595            | 774            | 840            | 945            | 1110           | 1148           |
| C Overflow (with screen) (mm)                      | 147   | 180              | 194          | 238           | 270           | 323           | 323           | 395           | 495            | 620            | 705            | 779            | 925            | 873            |
| D  | Flange connection according to any standard |                  |              |               |               |               |               |               |                |                |                |                |                |                |
| E (mm)   | 105   | 115              | 130          | 150           | 173           | 190           | 190           | -             | -              | -              | -              | -              | -              | -              |
| Ball diameter (mm)                                 | Ø60   | Ø75              | Ø90          | Ø105          | Ø130          | Ø155          | Ø155          | Ø200          | Ø250           | Ø325           | Ø360           | Ø400           | Ø480           | Ø530           |
| Weight (kg)  | 2.75  | 3.5              | 4.5          | 8             | 10            | 15            | 16            | 22            | 34             | 69             | 91             | 116            | 138            | 183            |
| Power (w)  | 97  | 97               | 97           | 97            | 97            | 194           | 194           | 194           | 388            | 388            | 388            | 388            | 388            | 388            |
| Flow rate at 0.25 bar (m3/h)*                      | 19  | 28               | 46           | 73            | 114           | 182           | 210           | 325           | 469            | 850            | 1025           | 1300           | 1490           | 2150           |
| Flow rate at 0.25 bar (m3/h)**                     | 18  | 25               | 42           | 68            | 101           | 169           | 195           | 279           | 443            | 805            | 925            | 1175           | 1375           | 1925           |
| Max. inlet air speed (m/s)                         | 17  | 17.5             | 38           | 58            | 59            | 42            | 42            | 27            | 15             | 39             | 36             | 27             | 34             | 29             |
| Inlet air flow rate at max. inlet air speed (m3/h) | 135   | 209              | 612          | 1620          | 2590          | 2700          | 2700          | 3060          | 2700           | 9900           | 12240          | 12060          | 19080          | 20880          |

\* Please note that these values correspond with the WIN2000 HIAS without screen, flowrate is with water being pumped through the air pipe head.

\*\* Please note that these values correspond with the WIN2000 HIAS with screen mesh 18, flowrate is with water being pumped through the air pipe head.

*This information is not to be considered exhaustive. The content of this publication is of general and informative nature and is not meant as (technical) advice for product or usage purposes. No rights are to be derived from this information.*

Made of seawater resistant Aluminium EN1706/DIN1725 | Non corroding | Maintenance free | Smallest design available  
 No suction blocking | Cost saving | light weight = less fuel = less CO2 emission | Approved by all major classification societies

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### WIN2000 HIAS HEATED AIR PIPE HEAD

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WIN2000 HIAS Heated



WIN2000 HIAS EX-proof Heated

| Pos. | Description               | Material         | DN50 (2")           | DN65 (2,5")         | DN80 (3")           | DN100 (4")          | DN125 (5")          | DN150 (6")          | DN175 (7")          | DN200 (8")          | DN250 (10")         | DN300 (12")         | DN350 (14")         | DN400 (16")         | DN450 (18")         | DN500 (20")         |
|------|---------------------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 1    | Standard heating elements | Stainless Steel  | H.11-75-97 (1x)     | H.11-75-97 (1x)     | H.11-75-97 (1x)     | H.11-75-97 (1x)     | H.11-75-97 (1x)     | H.11-75-97 (2x)     | H.11-75-97 (2x)     | H.11-75-97 (2x)     | H.11-75-97 (4x)     | H.11-75-97 (4x)     | H.11-75-97 (4x)     | H.11-75-97 (4x)     | H.11-75-97 (4x)     | H.11-75-97 (4x)     |
| 2    | EX-proof heating elements | Seawater Res. Al | H.EX-25-105-80 (1x) | H.EX-25-105-80 (1x) | H.EX-25-105-80 (1x) | H.EX-25-155-120(1x) | H.EX-25-155-120(1x) | H.EX-25-155-120(2x) | H.EX-25-155-120(2x) | H.EX-25-105-80 (2x) | H.EX-25-105-80 (2x) | H.EX-25-155-120(2x) | H.EX-25-155-120(2x) | H.EX-25-155-120(2x) | H.EX-25-155-120(2x) | H.EX-25-225-150(2x) |

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Investing in Winteb Air Pipe Heads is beneficial in the long term, saving maintenance, replacement and costs.

For more information and a complete overview of our product range, please check [www.winteb.com](http://www.winteb.com)