

**GMS** 

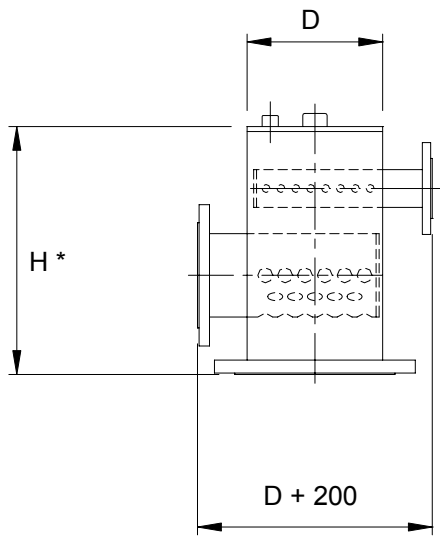
**Thermal Products Ltd**

[www.gmsthermal.co.uk](http://www.gmsthermal.co.uk)

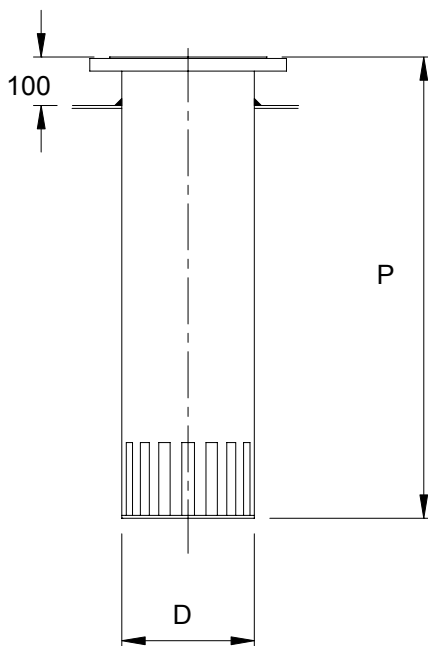


**GMS BOILER EQUIPMENT  
DE-AERATOR HEADS**

# GMS BOILER EQUIPMENT



**De-Aerator Head Details**



**Immersion Tube Details**

The GMS range of de-aerator units heads comprise of a stainless steel mixing head and a stainless steel immersion tube.

The mixing head is designed to mix incoming flows of condensate return from the system, flash steam, cold water make-up feed and re-circulation feed. Each inlet connection has an internal sparge which sprays the flow in various directions within the head to create a mixing action to remove any gases within the head. These gases are then vented to atmosphere.

The de-aerator head re-circulation connection has an internal spray nozzle to help mixing of the various inlets. GMS can supply the pump re-circulation system as part of the package - please refer to separate literature for further information.

The unit is designed to be maintenance-free with a stainless steel body (wetted parts). Gaskets & all bolting are supplied with the unit.

## De-Aerator Head Thermal Insulation Options

✓ **Type MA** Consists of 50mm mineral wool with dimpled aluminium cladding. This gives good thermal insulation and a quality finish.

For some installations there will be a high risk of damage to the factory fitted insulation. In these instances it is preferable to insulate on site.

### De-Aerator Head Details

Unit	Dia 'D'	Conns		* Dim. H x No. Conns			
		R	V	H-x2	H-x3	H-x4	H-x5
DH150	168	1" BSP	½" BSP	400	550	600	750
DH200	219	1" BSP	½" BSP	450	625	800	975
DH250	273	1¼" BSP	½" BSP	500	725	950	1175
DH300	323	1½" BSP	½" BSP	550	775	1000	1225
DH350	374	1½" BSP	½" BSP	550	775	1000	1225

\* - Dimension may vary depending on size of connections

### Immersion Tube Details

Unit	Dia 'D'	Dim P (As Per Tank Depth)			
		1000	1250	1500	2000
IH150	168	900	1150	1400	1900
IH200	219	900	1150	1400	1900
IH250	273	900	1150	1400	1900
IH300	323	900	1150	1400	1900
IH350	374	900	1150	1400	1900