VALVOIND Srl Via Pascoli, 5 - 24060 Bagnatica (Bergamo) Tel. 035.681919-Fax. 035.684461

Valvoind
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ADG — ADCATHERM ATMOSPHERIC SEMI – DEAERATORS

- **OPTIONS**
  Complete stainless steel construction.
  Complete system including all the necessary equipments.
  Vent condenser for energy recover
- **USE**
  Steam boiler feed water
- **MODELS**
  ADG – Deaerator head
- **CONNECTIONS**
  Flanges EN1092-1 PN16 or ANSI.
  Sockets BSP or NPT
  Different connections on request.
- **CONSTRUCTIONS**
  Carbon steel with internal stainless steel components or complete stainless steel under request.
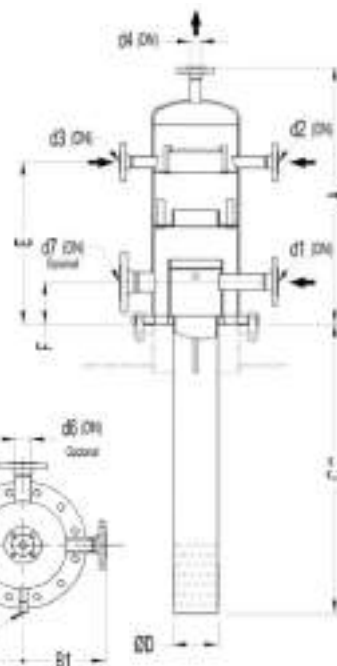- **INSTALLATION**
  Deaerator head - vertical installation.
  Storage vessel – cylindrical horizontal design
  Final dimensions and connections according to the drawing supplied after order confirmation.

SELECTION TABLE

Max. Steam Generation (kgs/h)	5000	10000	20000	30000	50000
Model	ADG150	ADG200	ADG250	ADG300	ADG400

The length of immersion tube to be defined according to the vessel design.

LIMITING CONDITIONS

PS - Maximum Allowable Pressure	0,5 bar
TS - Maximum Allowable Temperature	120 °C

Minimum operating temp.: –10°C. Design code: AD-Merkblatt
Other conditions and CE marking on request.

DIMENSIONS

Model	A mm	B mm	C mm	D Diam.	E mm	F mm	d1 DN	d2 DN	d3 mm	d4 DN	d5 DN	d6* DN	d7* DN	WEIGHT kgs
ADG150	595	184	**	90	310	100	50	25	25	40	1/2"	50	50	***
ADG200	670	210	**	120	350	125	80	32	25	50	1/2"	65	65	***
ADG250	700	237	**	140	360	150	100	50	25	65	1/2"	80	80	***
ADG300	720	425	**	170	400	150	100/150	65	40	80	1/2"	100	100	***
ADG400	780	510	**	220	480	150	150	80	40	100	1/2"	125	125	***

d1-Hot condensate inlet; d2-Cold water make-up; d3-Recirculating pump connection;d4-Vent;
d5-Pressure gauge connection; d6-Optional cold condensate return; d7-Flash steam.
*Optional; ** Dimensions on request (Standard: 950,1200,1600,2100mm); *** Weight to be confirmed
Sizes and dimensions approved after order confirmation.

TDG — ADCATHERM TRAY TYPE DEAERATORS

- **OPTIONS**
  Complete stainless steel construction.
  Complete system including all the necessary equipments.
  Two stage deaerators
  Vent condenser for energy recover
- **USE**
  Steam boiler feed water
- **MODELS**
  TDG – Deaerator dome
- **CONNECTIONS**
  Flanges EN 1092-1 or ANSI.
  Sockets BSP or NPT
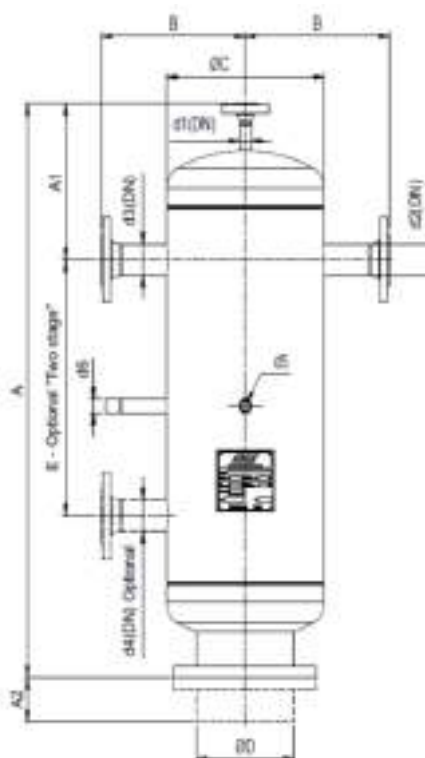 Different connections on request.

- **CONSTRUCTIONS**
  Carbon steel with internal stainless steel components or complete stainless steel under request.
- **INSTALLATION**
  Deaerator head - vertical installation.
  Storage vessel – cylindrical horizontal design
  Final dimensions and connections according to the drawing supplied after order confirmation.

Table 1

LIMITING CONDITIONS

PS - Maximum Allowable Pressure	0,5 bar
TS - Maximum Allowable Temperature	120 °C

Minimum operating temp.: –10°C. Design code: AD-Merkblatt
Other conditions and CE marking on request.

DIMENSIONS

Model	A mm	B mm	C mm	D Diam.	E mm	F mm	d1 DN	d2 DN	d3 mm	d4 DN	d5 DN	d6* DN	d7* DN	WEIGHT kgs
ADG150	595	184	**	90	310	100	50	25	25	40	1/2"	50	50	***
ADG200	670	210	**	120	350	125	80	32	25	50	1/2"	65	65	***
ADG250	700	237	**	140	360	150	100	50	25	65	1/2"	80	80	***
ADG300	720	425	**	170	400	150	100/150	65	40	80	1/2"	100	100	***
ADG400	780	510	**	220	480	150	150	80	40	100	1/2"	125	125	***

d1-Hot condensate inlet; d2-Cold water make-up; d3-Recirculating pump connection;d4-Vent;
d5-Pressure gauge connection; d6-Optional cold condensate return; d7-Flash steam.
*Optional; ** Dimensions on request (Standard: 950,1200,1600,2100mm); *** Weight to be confirmed
Sizes and dimensions approved after order confirmation.

Deaerator dome