

INDUSTRIAL RANGE

COMPONENTS

DEG

ATMOSPHERIC DEAERATOR



Main features

- Horizontal, cylindrical accumulation tank with dished ends, made from quality steel S235JR UNI EN 10028/2;
- Steam sparge tube inside the tank, complete with appropriate injectors;
- Sheet steel support saddles able to ensure unit support, to be placed at a height of at least 4 m from generator supply pumps axis;
- High density mineral wool insulating coating with aluminum sheet finish.

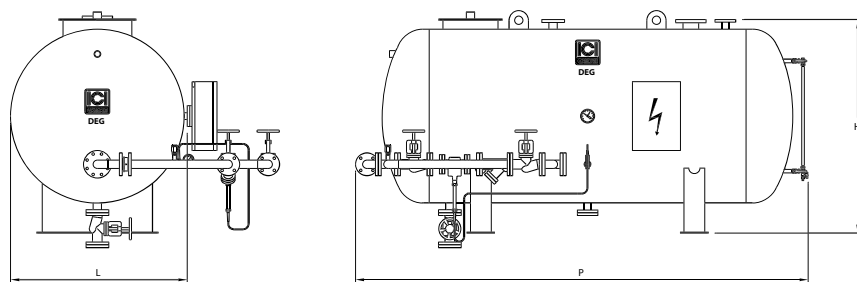
Accessories:

- Thermostatic regulating unit for temperature maintenance (90°C) in the degassing turret, composed of:
 - automatic or pneumatic modulating two-way valve
 - temperature sensor
 - steam filter
 - 2 shut-off valves, powered at flow start
 - bypass valve at flow start
- reintegration water supply unit containing:
 - water electro-valve
 - water filter
 - 2 spherical shut-off valves
 - spherical bypass valve
- automatic conductivity probe level regulator containing:
 - electrovalve opening probe
 - electrovalve closing probe
 - low level signal and alarm probe
- purging unit containing:
 - drain valve at flow start
- electric command panel, IP 55 electrical protection, composed of:
 - main switch
 - level regulation relay
 - low level alarm relay
 - low level alarm indicator
 - alarm siren

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Legend:

- M1 Hatch
- N1 Condensate inlet
- N2 Replenishment of water input
- N3 Incondensable vent
- N6 Steam inlet
- N7 Steam inlet
- N10 Overflow
- N16 Boiler supply
- N17 Drain
- N18 Safety valve 1
- N19 Safety valve 2
- N20 Vacuum breaker valve

Characteristics	Code	Total volume H ₂ O lt	Deaeration capacity l/h	Steam consumption kg/h	Weight total kg	Dimensions		
						H mm	L mm	P mm
Model								
DEG 500	85500015	500	510	74	140	1100	830	1800
DEG 1000	85500012	1000	1020	147	330	1250	1030	2140
DEG 1500	85500026	1500	1700	246	415	1250	1030	3040
DEG 2000	85500028	2000	2040	295	550	1550	1300	2380
DEG 2500	85500025	2500	2560	370	650	1550	1300	2980
DEG 3000	85500005	3000	3400	491	700	1800	1480	3060
DEG 4000	85500014	4000	4260	616	1050	1950	1630	2940
DEG 5000	85500016	5000	5100	737	1250	2150	1830	2880
DEG 8000	85500018	8000	8500	1229	1800	2150	1830	4230
DEG 10000	85500022	10000	10000	1446	2100	2150	1830	5450
DEG 12000	85500031	12000	12000	1760	2600	2377	2130	5028
DEG 15000	85500037	15000	15000	2200	3000	2473	2230	5528
DEG 20000	85500043	20000	20000	2933	3800	2650	2200	6810
DEG 25000	85500021	25000	25000	3666	4200	2550	2100	9050

About 1 hour of accumulation - water temperature 5-90 °C, steam pressure 12 bar