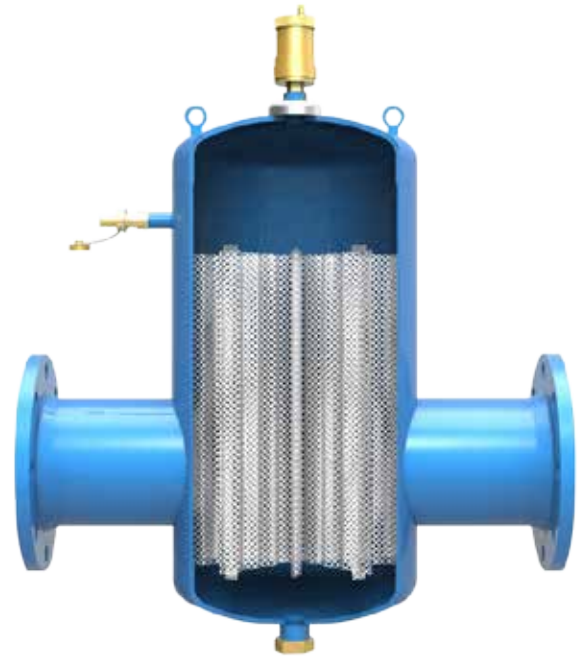




Outer Appearance



Side Section View

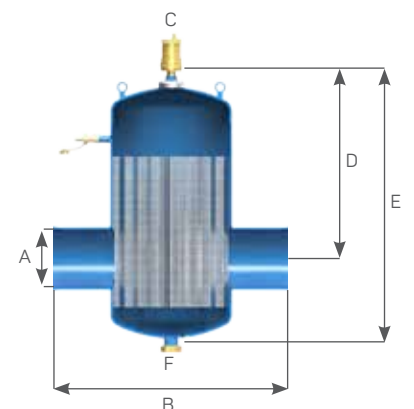
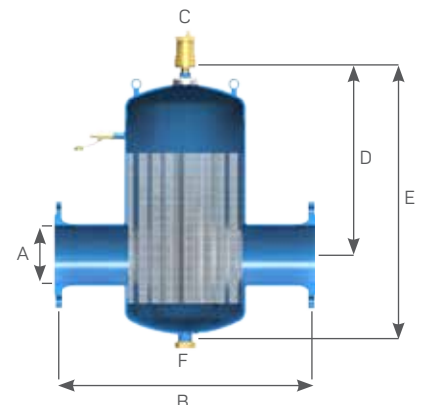
Capacity	: 8,5 – 320,0 m ³ /sa
Maximum Operating Temperature	: 110 °C
Connection Flange / Pressure Class	: DN 50 – DN 300 / PN16 (EN1092-1) (Please contact us for products larger than specified in this catalogue)
Filter Material	: Stainless Steel
Exterior Surface Protection Paint	: DN 50 – DN 200 Electrostatic Powder Paint : DN 250 – DN 300 Water based Paint

The amount of air which can remain dissolved in a water solution is a function of pressure and temperature. Air bubbles;

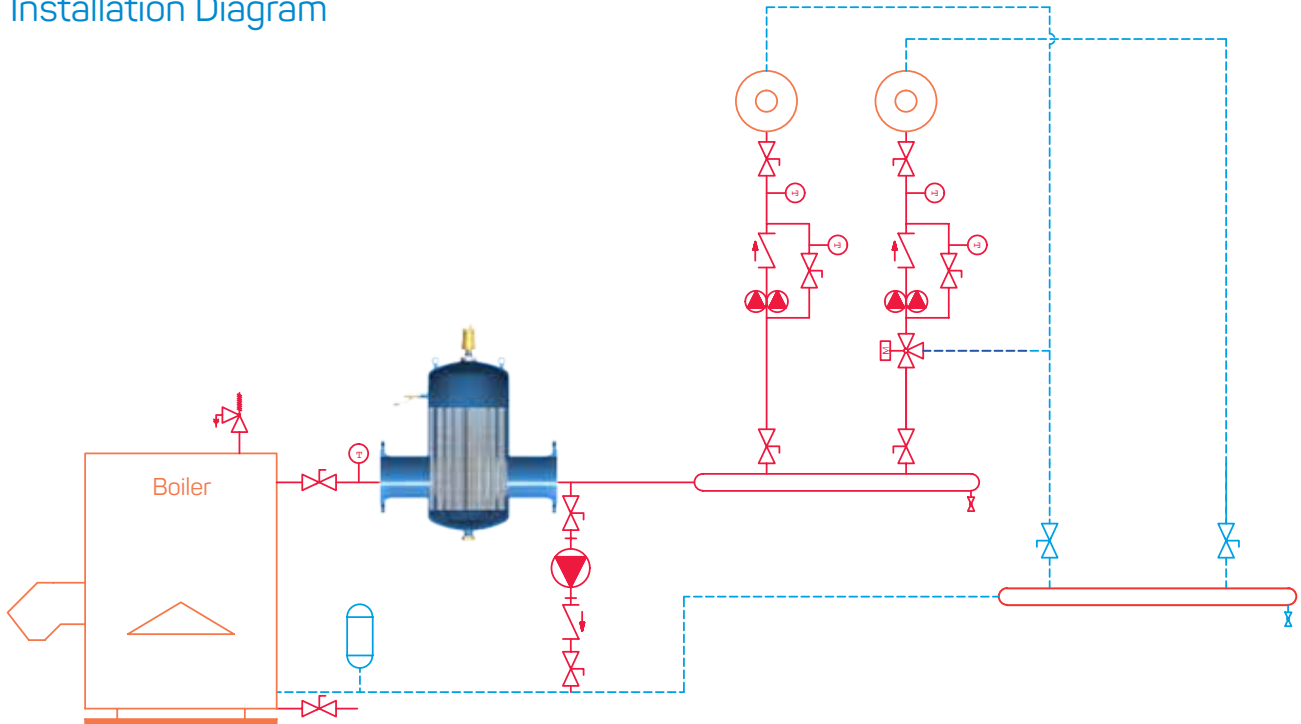
- Adhering to the heat transfer surfaces reduce thermal conductivity and lead to efficiency loss.
- Can cause corrosion in the heating systems and installation pipes.
- Cause cavitation in the pumps and installations.
- Cause failures in the pumps and other elements.
- May cause disturbing noises in the installation pumps and especially in the radiators.

SPECIFICATIONS / USAGE AREAS

- Air Separator separates and releases the micro-bubbles from the water out the heating system due to specially designed quality stainless steel, thus avoiding heat transfer problems during in installation and in the system. It also provides an efficient work of the system.
- The product can be used with all types of heating and cooling systems.
- The air at the top of unit is released out of tank with the help of an automatic air relief valve.
- Percentage of glycol in the heating system is maximum 50%



Installation Diagram



Installation diagram given above is just a template. Installation must be done according to update standards and directives.

KHA-F Flanged Discal Deaerator

TYPE	A (DN)	Body Diameter (Ø)	B (mm)	C (inch)	D (mm)	E (mm)	F (inch)	Weight (kg)	Flow (m ³ /h)
KHA-F 50	DN 50	168	350	1/2"	301	430	1"	15	8,5
KHA-F 65	DN 65	168	350	1/2"	301	430	1"	15,5	14,5
KHA-F 80	DN 80	219	466	1/2"	359	523	1"	28	22,0
KHA-F 100	DN 100	219	470	1/2"	359	523	1"	30	34,0
KHA-F 125	DN 125	323	635	1/2"	462	692	1"	48	59,0
KHA-F 150	DN 150	323	635	1/2"	462	692	1"	53	86,0
KHA-F 200	DN 200	400	774	1/2"	510	780	2"	81	140,0
KHA-F 250	DN 250	450	860	1/2"	580	880	2"	108	222,0
KHA-F 300	DN 300	500	926	1/2"	670	1000	2"	138	320,0

KHA-K Welded Discal Deaerator

TYPE	A (inch)	Body Diameter (Ø)	B (mm)	C (inch)	D (mm)	E (mm)	F (inch)	Weight (kg)	Flow (m ³ /h)
KHA-K 50	2"	168	260	1/2"	301	430	1"	10	8,5
KHA-K 65	2 1/2"	168	260	1/2"	301	430	1"	10,5	14,5
KHA-K 80	3"	219	366	1/2"	359	523	1"	20	22,0
KHA-K 100	4"	219	366	1/2"	359	523	1"	21	34,0
KHA-K 125	5"	323	525	1/2"	462	692	1"	35	59,0
KHA-K 150	6"	323	525	1/2"	462	692	1"	37	86,0
KHA-K 200	8"	400	650	1/2"	510	780	2"	58	140,0
KHA-K 250	10"	450	720	1/2"	580	880	2"	74	222,0
KHA-K 300	12"	500	770	1/2"	670	1000	2"	93	320,0