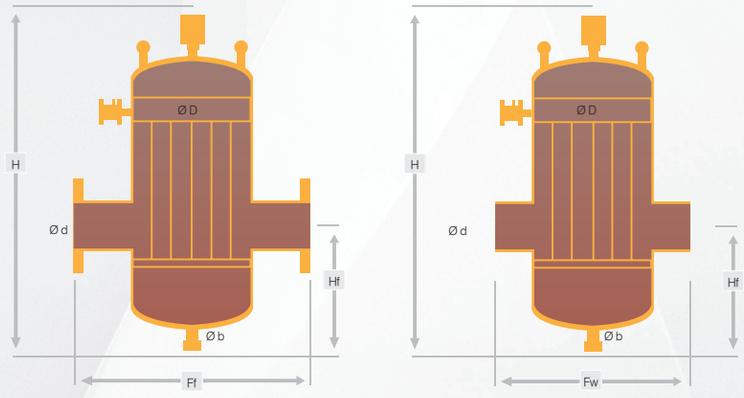
KODSAN
HOT WATER SYSTEMS

KHA AIR SEPARATOR

Organize Sanayi Bölgesi Karamanlılar Cad. No: 10 - Sincan 06935 Ankara / TURKEY
T. 90.312.267.07.67 - F. 90.312.267.05.54 - www.kodsan.com.tr - info@kodsan.com.tr

						Flanged		Welded		
TYPE	Recomended Flow (m3/h)	Ø D (mm)	H' (mm)	Hf (mm)	Ø b	DN	Ff (mm)	Ø d	Fw (mm)	Volume (lt)
KHA 50	10	165	530	180	1"	50	430	2"	330	8
KHA 65	15	165	530	180	1"	65	430	2 1/2"	330	8
KHA 80	20	219	660	215	1"	80	500	3"	400	18
KHA 100	30	219	660	215	1"	100	500	4"	400	19
KHA 125	50	323	840	280	1"	125	625	5"	525	53
KHA 150	80	323	840	280	1"	150	625	6"	525	54
KHA 200	100	400	870	300	1"	200	775	8"	650	88
KHA 250	150	450	970	330	1"	250	860	10"	720	130
KHA 300	200	500	1090	360	1"	300	910	12"	770	185



KHA Air Separators' operating mentality is based on several physics principles which function together. The main part of the system is expanded stainless steel sheet. It is placed in the body on a radial position in order to prevent circulation problems like obstruction of water flow. With this position, it creates a strong turbulence. This turbulence and also pressure changes caused by velocity influence the release of micro air bubbles. With the effects of Molecular Attraction Force, these micro bubbles tend to accumulate on the expanded metal surface. After that, when the strength of adhesion to metal structure exceeds the Hydrostatic Repulsion Force of metal structure, micro bubbles start to accumulate in the upper part (the air chamber) where the air purge release air bubbles out of the system automatically.