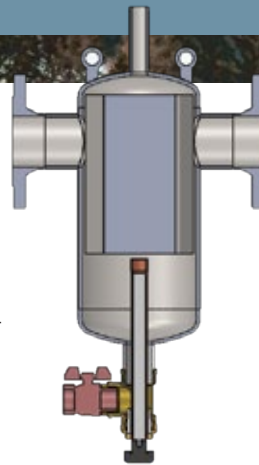


## KMTT

- MAGNETIC DIRT SEPARATOR



Side Section View

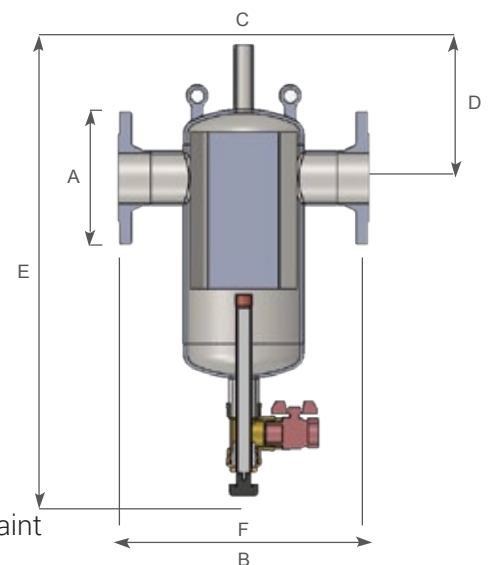
Outer Appearance

### SPECIFICATIONS / USAGE AREAS

- Since the cleaning and maintenance of the classical type of dirt separators cannot be made easily by the user, they generally become out of function by time. With the help of ball valve on the bottom of the KMTT series cleaning can be done very easily.
- Specially designed stainless steel mesh filters are present in KTT series.
- Percentage of glycol in the heating system is maximum 50%
- Accumulated impurity volume is much bigger according to classical dirt separators. Needed periodic cleaning is much more less
- The water flow rate is low based on the position of super strong Magnet in system. For this reason, the magnet catches even the smallest part. After which the relief valve is opened, the magnet is removed and accumulated parts in the chamber are ejected from the system. Providing to easy removal of magnet, a minimum height of KMTT Dirt Separator needs to be installed from the ground level is 300mm.

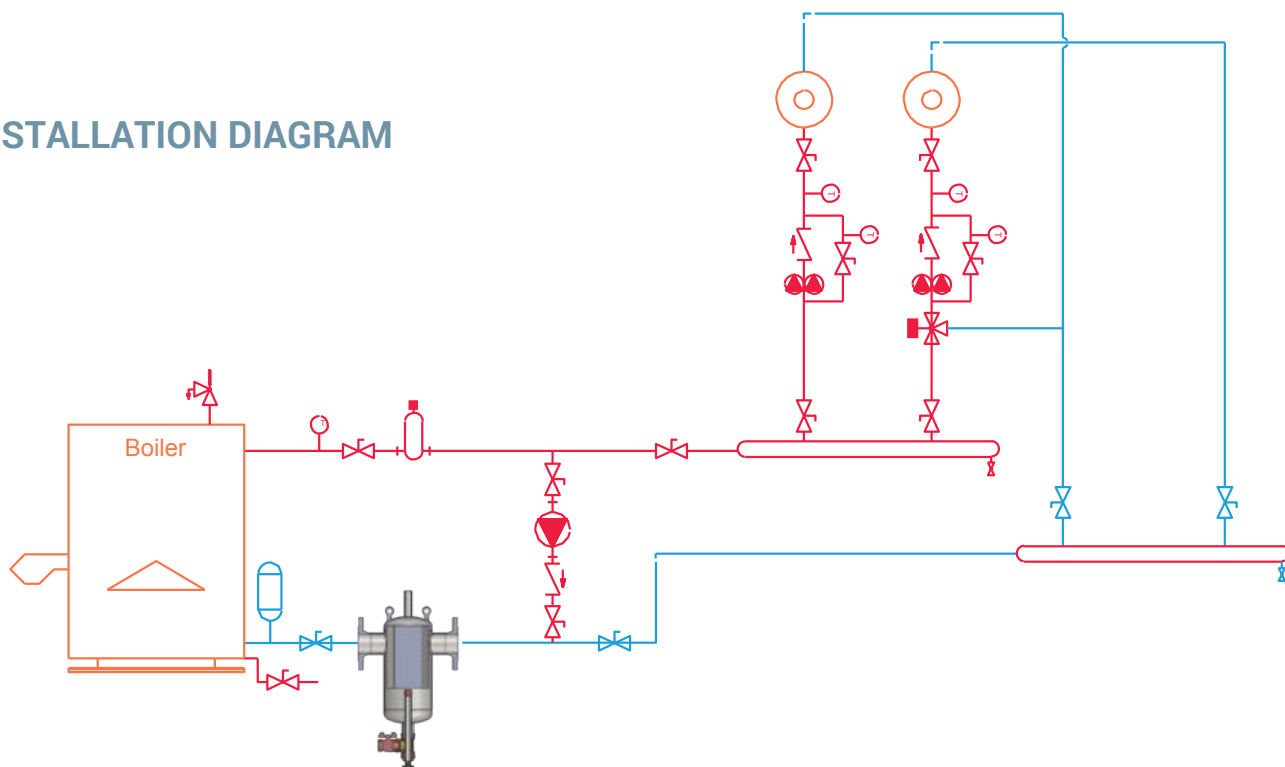
**Capacity** : 8,5 – 320,0 m<sup>3</sup>/sa  
**Maximum Operating Temperature** : 110 °C  
**Connection Flange / Pressure Class** : DN 50 – DN 300 / PN16 (EN1092-1)  
 (Please contact us for products larger than specified in this catalogue)

**Filter Material** : Stainless Steel  
**Exterior Surface Protection Paint** : DN50 – DN200 Electrostatic Powder Paint  
 : DN250 – DN300 Water Based Paint  
**Magnet** : Neodymium Magnet (11.300 Gauss)  
**Magnet probe** : Copper



The impurities mainly sand and rust particles circulating within the heating system cause efficiency loss, failures in heating and cooling systems, clogging the pumps and control valves..

## INSTALLATION DIAGRAM



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

### KMTT-FFLANGEDMAGNETICDIRTSEPARATOR

TYPE	A (DN)	Body Diameter (Ø)	B (mm)	C (inch)	D (mm)	E (mm)	F (inch)	Weight (kg)	Flow (m <sup>3</sup> /h)
KTT-F 50	DN 50	168	350	3/4"	350	630	1 1/4"	16	9
KTT-F 65	DN 65	168	350	3/4"	355	640	1 1/4"	16	14
KTT-F 80	DN 80	219	466	3/4"	415	735	1 1/4"	30	21
KTT-F 100	DN 100	219	470	3/4"	415	730	1 1/4"	32	35
KTT-F 125	DN 125	323	635	3/4"	520	900	1 1/4"	61	54
KTT-F 150	DN 150	323	635	3/4"	520	900	1 1/4"	63	83
KTT-F 200	DN 200	400	774	3/4"	545	980	1 1/4"	78	140
KTT-F 250	DN 250	450	860	3/4"	625	1100	1 1/4"	105	220
KTT-F 300	DN 300	500	926	3/4"	715	1320	1 1/4"	135	315

### KMTT-KWELDEDMAGNETICDIRTSEPARATOR

TYPE	A (inch)	Body Diameter (Ø)	B (mm)	C (inch)	D (mm)	E (mm)	F (inch)	Weight (kg)	Flow (m <sup>3</sup> /h)
KTT-K 50	2"	168	260	3/4"	350	630	1 1/4"	10	9
KTT-K 65	2 1/2"	168	260	3/4"	355	640	1 1/4"	10	14
KTT-K 80	3"	219	366	3/4"	415	735	1 1/4"	22	21
KTT-K 100	4"	219	366	3/4"	415	730	1 1/4"	22	35
KTT-K 125	5"	323	525	3/4"	520	900	1 1/4"	49	54
KTT-K 150	6"	323	525	3/4"	520	900	1 1/4"	63	83
KTT-K 200	8"	400	650	3/4"	545	980	1 1/4"	55	140
KTT-K 250	10"	450	720	3/4"	625	1100	1 1/4"	72	220
KTT-K 300	12"	500	770	3/4"	715	1320	1 1/4"	92	315

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