Magnetic Water Treatment

Product Description



The equipment pipeline rusts and the water breeds a lot of germs and algae as a result of the local environment and water quality, jeopardizing people's everyday activities and way of life. Scale can be prevented or removed using the conventional chemical procedure, but it is expensive, labor-intensive, and environmentally damaging. The BTD series of electronic water treatment instruments was created to address the aforementioned issue. Rather than using traditional physical water treatment products, these instruments use high-frequency electromagnetic technology to effectively treat water and remove scale, prevent scale formation, sterilize water, and eliminate algae.

BTD series magnetic water treatment instrument is launched in four types for different regions water quality and different requirements of users: full-automatic type, anti-corrosion and rust removal type, automatic drainage type and electric drainage type. It can be used in air conditioning and refrigeration system, industrial cooling water system, heat exchange system, living water system, tap water and other water systems.

Product Features

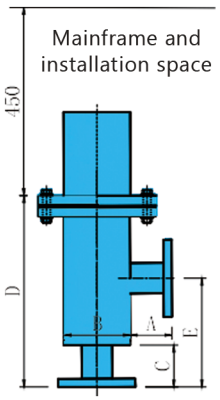
1 Full function: the equipment has the function of preventing the generation of water scale, eliminating scale, killing bacteria and algae, preventing the occurrence of rust and preventing corrosion

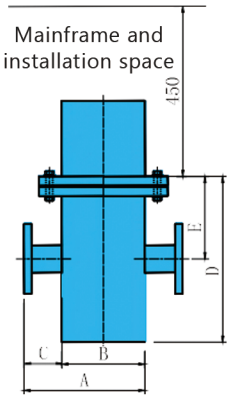
2 Protect the environment: the equipment uses physical methods to eliminate scale, which will not cause pollution to the environment

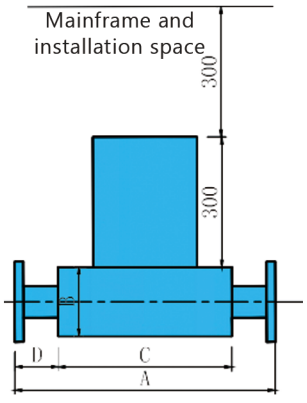
3 More cost-effective: equipment occupies little space, reasonable price, easy to install, easy to operate

4 Precision processing: the equipment can be used for a long time, and the service life of the equipment can reach 15 years without major damage.

Model Selection Table





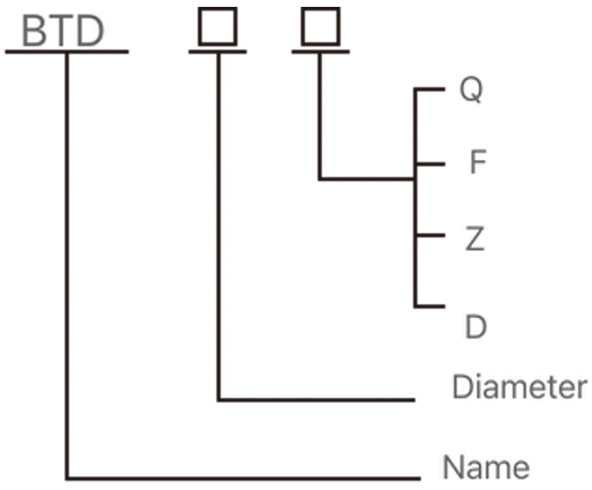


Model	Diameter (mm)	I					II						III						Power (W)	Flow (T/h)
		A mm	B mm	C mm	D mm	Weight (kg)	A mm	B mm	C mm	D mm	E mm	Weight (kg)	A mm	B mm	C mm	D mm	E mm	Weight (kg)		
BTD- 25Q	25	580	133	400	90	35	339	159	90	440	146	40	90	159	90	445	260	25	25	4. 9
BTD- 32Q	32	580	133	400	90	35	339	159	90	440	146	40	90	159	90	445	260	25	25	8
BTD- 40Q	40	580	159	400	90	35	339	159	90	440	146	45	90	159	90	445	260	28	25	12
BTD- 50Q	50	600	159	400	100	35	359	159	100	440	146	47	100	159	100	455	260	29	25	19
BTD- 65Q	65	600	159	400	100	50	359	159	100	440	146	50	100	159	100	455	260	30	25	28
BTD- 80Q	80	640	219	400	120	50	419	219	110	440	158	55	110	219	110	535	310	33	50	50
BTD- 100Q	100	640	219	400	120	50	419	219	110	490	158	60	120	219	120	535	310	37	50	80
BTD- 125Q	125	690	273	450	120	50	493	273	120	540	175	68	110	273	110	565	310	42	70	125
BTD- 150Q	150	690	273	450	120	60	545	325	120	545	192	101	120	325	120	630	360	58	70	180
BTD- 200Q	200	760	325	500	130	80	565	325	120	590	230	120	120	325	120	630	390	80	80	320
BTD- 250Q	250	760	377	500	130	90	637	377	130	6407	260	202	130	377	130	720	400	115	120	490
BTD- 300Q	300	870	425	550	160	120	746	426	160	740	300	315	160	426	160	850	480	150	210	710
BTD- 350Q	350	920	480	600	160	130	800	480	160	840	330	400	160	480	160	955	560	220	250	1000
BTD- 400Q	400	950	530	630	160	150	850	530	160	890	340	500	160	530	160	1000	580	270	330	1400
BTD- 450Q	450	1040	630	700	170	200	970	630	140	1045	318	650	170	630	170	1160	690	340	410	1600
BTD- 500Q	500	1040	660	700	170	260	1000	660	170	1045	350	780	170	630	170	1310	790	430	500	1970

Technical parameters

Water Quality:	Hardness＜1000mg/L(CaCO3)
Work pressure:	⩽1.6MPa
Operating temperature	⩽100℃
Descaling rate	⩾ 99%
Algae control rate	⩾ 98%
Resistance loss	⩽5.0KPa

Model description



BTD-Q：Fully automatic　　BTD-F：Anti-corrosion and anti-rust
BTD-Z：Automatic drainage　　BTD-D：Electric drainage