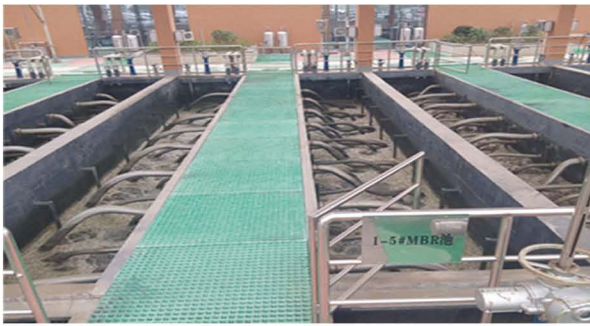




Flat Plat Membrane unit with 48pcs membrane sheets



Membrane tank with the treatment capacity of 100,000m³/d of one municipal waste water treatment plant



Membrane Bio-reactor membrane sheets with the material of PVDF

Column hollow fiber with the making method of H-TIPS

BT-12 BT-20 BT-20D



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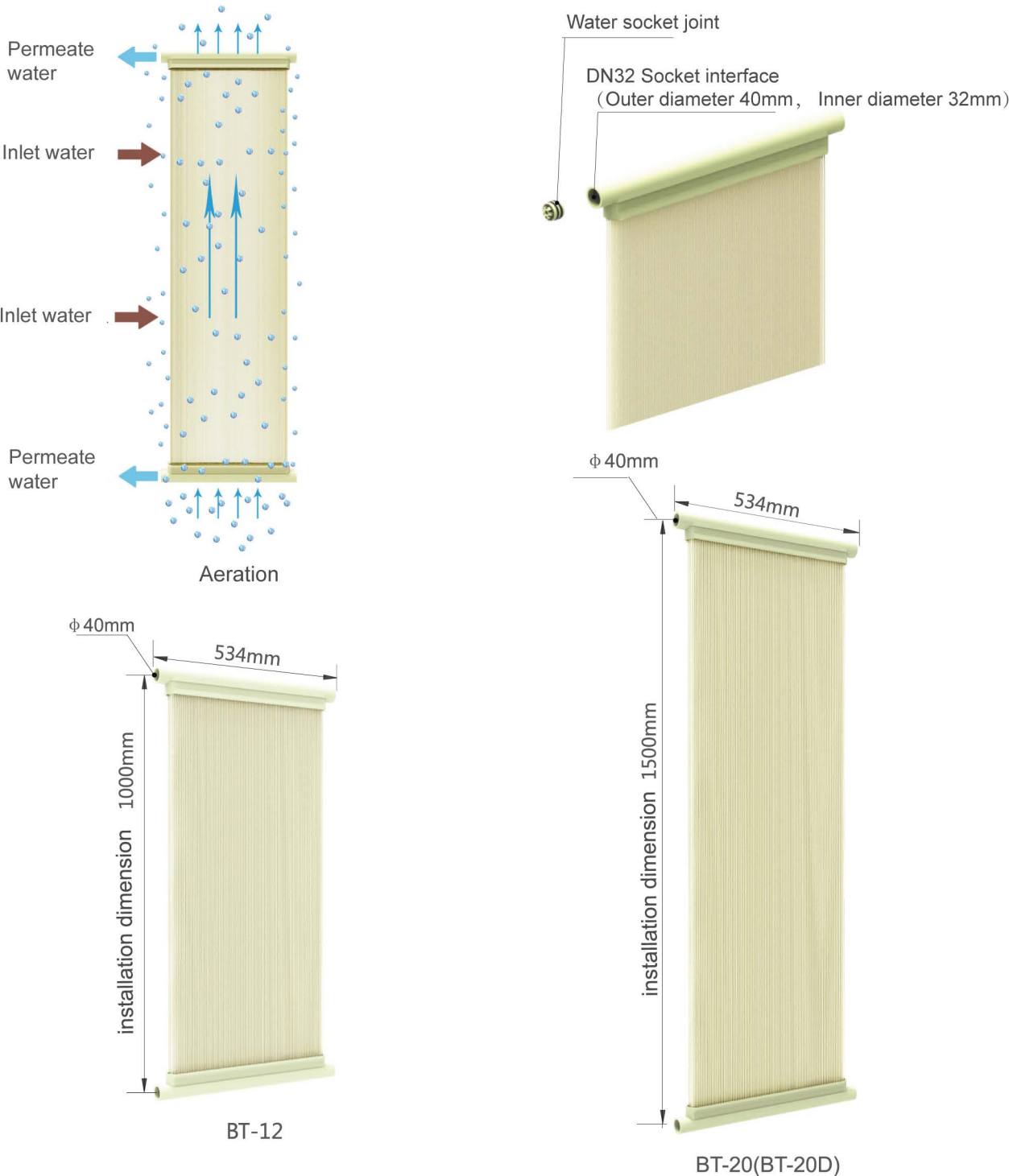
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Tianjin Motimo Membrane Technology Co., Ltd. has over 40 years history of column hollow fiber membrane R&D and manufacturing.

- The birthplace of the first Chinese column hollow fiber membrane module, the first Chinese column hollow fiber membrane module with PVDF material
- The PVDF column hollow fiber membrane making method of the first and second generation has the honor to win the second prize of the State Technological Invention respectively in 2008 and 2012
- MOTIMO brought out the column hollow fiber MBR membrane products with dual water collecting pipes with independent research and development and it was widely used in large-scale deep treatment projects with the advantages of no sludge deposit, more uniform aeration and easy maintenance.
- Column hollow fiber ultrafiltration membrane modules with H-TIPS making method in 2012 is MOTIMO's third generation PVDF products (American Patent: USD8722146B2)



Product specification table

Module model		BT-12	BT-20	BT-20D
Module parameters	Membrane material	PVDF		
	Membrane making method	H-TIPS		
	Effective membrane area (m ²)	12.5	20	20
	Intercept aperture (μm)	0.03		
	Inner/outer diameter of the hollow fiber (mm)	0.7/1.3		
Module size	Length*Width*Height (mm)	534 x46 x 1000	534 x 46 x 1500	534 x 55 x 1500
	Connector specification	DN32 Socket interface (Outer diameter 40mm , Inner diameter 32mm)		
Module Weight	Moist module (kg)	10	13	13
Operation conditions	Filtration mode	Dead-end filtration or Cross flow filtration		
	Produced water flux (L/m ² ·h)	10~20		
	Maximum TMP (kPa)	80		
	Module uniform aeration rate (Nm ³ /h· piece)	2~6		
	Operational TMP (kPa)	10~60		
	Applicable temperature range (°C)	5~40		
	Applicable sludge concentration (mg/L)	< 12000		
Cleaning conditions	pH range of doing chemical cleaning	1~13		
	Maximum tolerance concentration of NaClO (ppm)	5000		
Produced water performance	Produced water turbidity (NTU)	< 1		

