The DiaFellow AM is recommended for new water treatment facilities, or to augment existing facilities.

A variety of optional and customized plans is available to suit your needs.

Part Number	AM100	AM200	AM400	AM800	AM1600
Membrane Area (m²)	100	200	400	800	1600
Standard Flux (m³/日)*1	50	100	200	400	800
Membrane Material	PVDF (polyvinylidene fluoride) porous hollow fiber				
Fractional Characteristics (μ m)	0.4				
Device Dimensions	2.9m (W) × 4.2m (L) ×3.2m (H) 2.9m (W) × 4.6m (L) ×3.2m (H) 2.9m (W) × 5.3m (L) ×3.2m (H) 2.9m (W) × 5.3m (L) ×3.2m (H)		2.9m (W) × 5.3m (L) × 3.2m (H)	Membrane separation tank: 2.1m (W) × 2.4m (L) × 4.5m (H)	
			Auxiliary unit: 2.1m (W) × 3m (L) × 2.5m (H)	Auxiliary unit: 2.1m (W) × 5m (L) × 2.5m (H)	
Electrical Equipment Capacity (kW)	5	6	8	12	23
System Weight (metric tons)	5	5.5	6	8	11
Operational Weight (metric tons)	9	11.5	14	30	50

*1) Displayed values are estimated. Actual applicable flow rates will depend on raw wastewater quality. Please consult with our staff.







Caution

Read all warnings before using this system, and operate properly.

Product specifications may be altered without notice for improvement or other purposes.

Distribution Source

MITSUBISHI CHEMICAL AQUA SOLUTIONS CO., LTD.

10F, Gate City Ohsaki East Tower, 1-11-2, Osaki, Shinagawa-ku, Tokyo 141-0032, Japan TEL:+81-3-6268-0369 FAX:+81-3-6268-0417

MITSUBISHI CHEMICAL AQUA SOLUTIONS CO., LTD.

Packaged Membrane Filtration Water Treatment System

DiaFellow AM

Current wastewater treatment systems cannot handle strict effluent standards Current wastewater treatment systems cannot keep up with the increased amount of wastewater from increased production There is a need to reduce water and sewage bills with on-site recycling There is insufficient space for expansion of the current wastewater system There are many difficulties relating to settlement tank maintenance

> The **DiaFellow AM** from Mitsubishi Chemical Aqua Solutions is a Packaged Membrane Filtration Water Treatment System that helps solve the problems of your current system.

Packaged Membrane Filtration Water Treatment System

DiaFellow AM



All-in-one

standard design for quick turn

around

The DiaFellow AM comes with a full

complement of standard

features to help shorten

your turn around

Tap water

Treated water

Raw water

Our MBR systems not only raise the quality of treated domestic and industrial wastewater, but are also acclaimed for their wastewater recycling, with over 3,000 units already installed domestically and abroad (as of 2010).

Wide range of options

Readily adaptable, with additional functions that include a chemical cleaning unit, raw wastewater pump, expansion tank and more.



cleaning power and high flux, maintaining stable operation for long-term use.

•High treatment performance results in high water quality levels. Water filtered through the membrane is clean, containing no suspended solids or E. coli, and can thus be recycled as reclaimed water without further treatment. (For cleaning dryer filter cloths, toilets, landscaping, grassplot irrigation, firefighting, etc.) This helps reduce water and sewage costs, and promotes compliance with

≦5

6.5

6.8

Cafeteria plant Raw water Treated water ≦5 BOD 1500 COD 1000 ≦10

50

6.3

SS

PH

Livestock wastewater

	Raw water	Treated water			
BOD	13000	≦10			
COD	5000	≦100			
SS	2000	≦5			
PH	8	6.8			

BOD, COD, SS unit: ma/L