

NOT ALL PANEL DIFFUSERS ARE CREATED EQUAL

BRAND NEW

Both produce energy-efficient bubbles when new



EDI curvilinear panel

Flat panel

AFTER TWO YEARS

As grit begins to accumulate, the flat panel produces inefficient, energy-consuming bubbles



EDI curvilinear panel

Flat panel

Want superior panel technology?

TAKE THE PANEL DIFFUSER CHALLENGE

see reverse side



PANEL DIFFUSER CHALLENGE

	EDI Panel	Flat Panel
Are panel units installed above the floor to avoid grit/solids?	YES	NO or YES
Can system function long-term without need for special grit removal upstream?	YES	NO or YES
Can the panel surface prevent sludge settling on membrane (no edges)?	YES	NO or YES
Panel NOT REQUIRED to be returned to manufacturer for membrane replacement?	YES	NO or YES
Can membranes be easily replaced in the field by WWTP personnel?	YES	NO or YES
Can the panel deliver optimum SOTE, without need for air bumping?	YES	NO or YES
Does the panel have a simple, reliable mounting mechanism?	YES	NO or YES
Is the membrane support available in multiple materials, e.g., PVC, fiberglass, or stainless steel?	YES	NO or YES
Can the panel be acid cleaned if desired?	YES	NO or YES
Does the manufacturer offer multiple membrane materials included, e.g., PU, EPDM or PTFE membranes?	YES	NO or YES
Can the panel be configured within any size or shape basin?	YES	NO or YES
Can the panel be retrofitted to an existing low-pressure system?	YES	NO or YES
Can the panel be reliably and positively purged of condensation?	YES	NO or YES
Is the panel engineered to offer full turn-down capabilities?	YES	NO or YES
Can a panel run with air temperature over 100 °C without the need for air cooling?	YES	NO or YES

Does their panel diffuser pass the challenge?

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Innovative, energy efficient products for
you and your community since 1975*