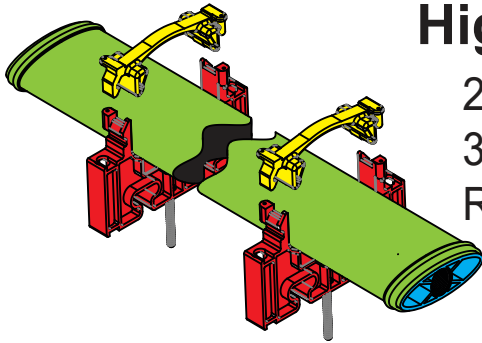


# OxyStrip™

# JAE-AERATION™

Fine-Bubble Membrane Diffusers

OxyDisc™ OxyTube™ OxyStrip™



## High efficiency membrane strip diffuser

20% to 40 % energy conservation / utility cost savings

30% to 50% capital budget cost reduction

Retrieval & fixed grid design

### Fixed Grid Systems



Industry max. 8:1 Diffuser Turn Down

- 2.5 SCFM to 22.0 SCFM range per 2m OxyStrip™
- 4.0 Nm<sup>3</sup>/h to 36.0 Nm<sup>3</sup>/h range per 2m OxyStrip™

20% to 40% more efficient - reduction of utility cost

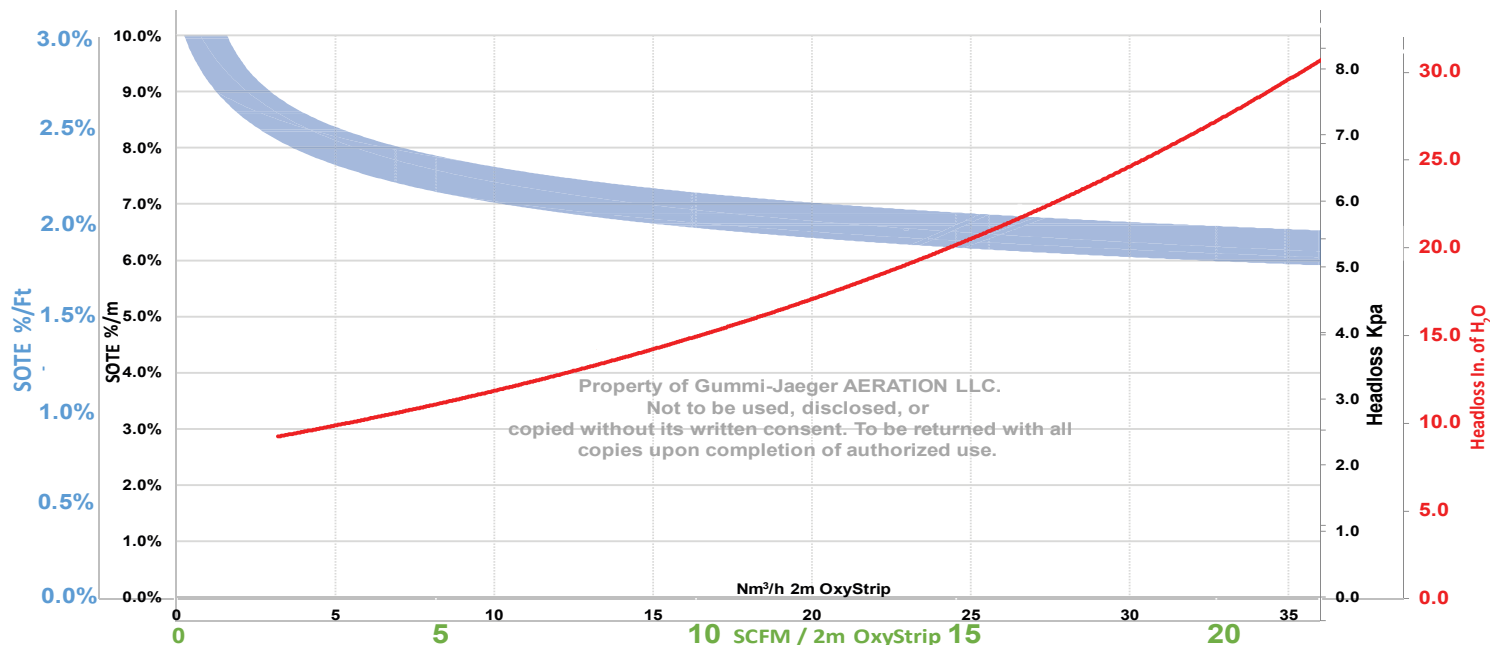
Membrane materials & expected life

- EPDM, Silicone, & Polyurethane
- > 10 years

One 2m long OxyStrip™ is equal to 9 times 9" disc Installation

- Retrieval or fixed grid
- Up to 90% Reduction of pipe & couplings

## OxyStrip™ OS 160/2200 FF Series - Design Airflow & SOTE Range



SOTE curves for reference only and benchmark SOTE test comparing JAEGER Oxy\*\*\*™ diffusers to select competitors' models are available on special request. SOTE is subject to tank geometry, diffuser insertion depth, diffuser density and other factors.

## Fine bubble Membrane Materials: EPDM, Silicone, & Polyurethane - Scale 1 to 10

| Material selection | Best Price Economy | Max. Temp Range | Best Non-Stick Properties | Highest Insertion/ SWD Depth | Longest Useful Life | Lowest O&M Cost |
|--------------------|--------------------|-----------------|---------------------------|------------------------------|---------------------|-----------------|
| EPDM               | 10                 | 8               | 8                         | 8                            | 8                   | 8               |
| Silicone - SI      | 9                  | 10              | 10                        | 10                           | 10                  | 10              |
| Polyurethane - PU  | 8                  | 6               | 8                         | 6                            | 6                   | 5               |

**Expected diffuser membrane life > 10 years; reusable diffuser body – replace only membrane**

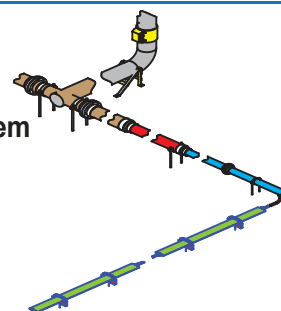
## OxyStrip™ OS 160/2000 FF Series - Dimensions:



| OxyStrip™ Model | L (mm) | L2 (mm) | Recommended Design Airflow Range per diffuser (Nm³/h) |
|-----------------|--------|---------|-------------------------------------------------------|
| OS 160/2150 FF  | 1,500  | 1,570   | 2.25 - 28.0 [1.5-17.0 SCFM]                           |
| OS 160/2200 FF  | 2,000  | 2,070   | 3.0 - 36.0 [2-22.0 SCFM]                              |
| OS 160/2 *** FF | ***    | ***     | Special length on request                             |

## Scope of supply OxyStrip diffuser system:

- Diffusers incl. mounting system
- Lateral air piping (PVC, CPVC, 304-S, or 316-S stainless), 304-S, or 316-S pipe support system
- Continual & automatic condensation purge system
- Transition coupling to drop pipes
- Drop pipe to the top of the tank with flange connection to yard piping
- Installation support & start up services



**For more information, please contact your regional sales representative or get in touch with us directly:**

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