

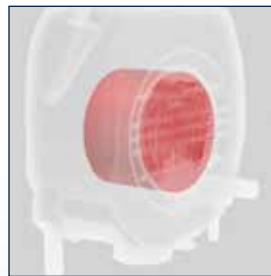
# NAUTILUS™\* ECMO OXYGENATOR QUICK REFERENCE GUIDE

Nautilus oxygenator's circular flow-path design improves long-term gas transfer.<sup>1</sup> Designed for durability and long-term performance, Nautilus is ready to be incorporated into your current ECMO circuit.

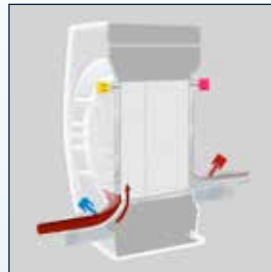


## DESIGNED FOR ECMO

Featuring circular flow-path design



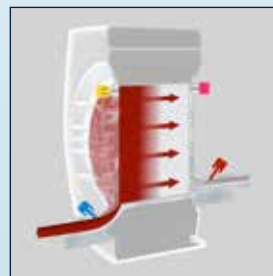
**Circular shape** — eliminates corners, areas known for clotting



**Guided inlet design†** — reduces velocity changes at the inlet where low flow and stasis may occur



**Filling vanes** — aid in even filling and even flow distribution across the membrane

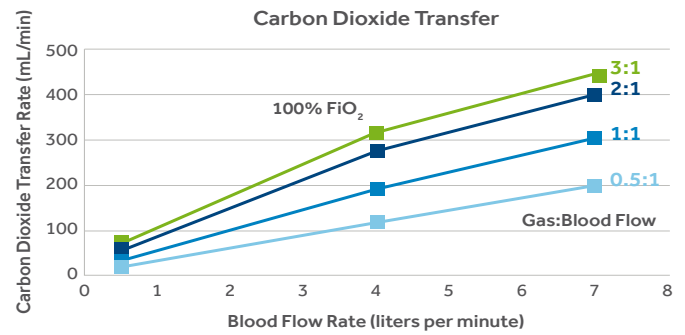
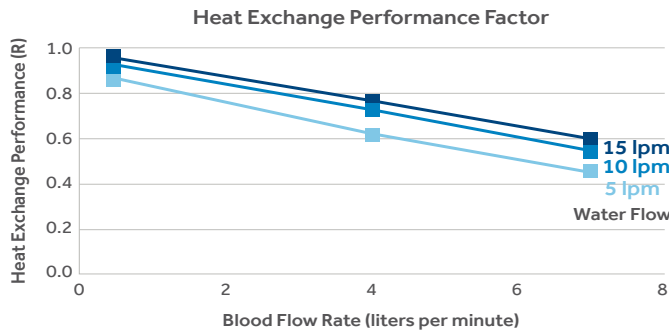
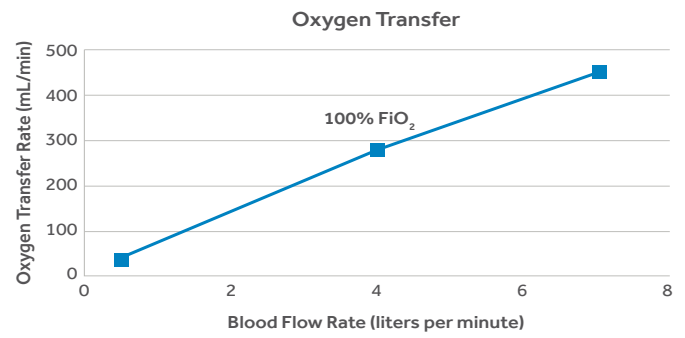
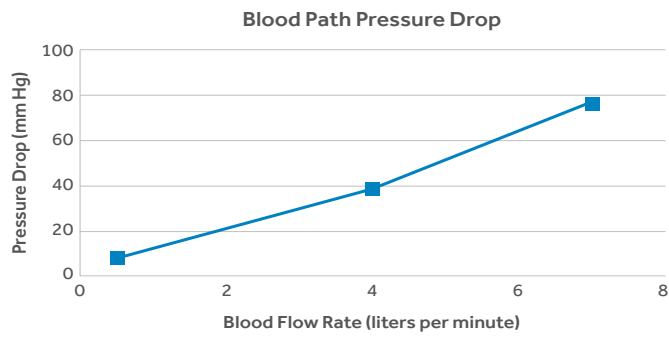


Circular Flow-path Technology

\*Patent pending.

<sup>1</sup>Data on file at MC3 (200941). Data may not be indicative of clinical performance.

# PRODUCT PERFORMANCE



Bench data; may not be indicative of clinical performance.

# PRODUCT SPECIFICATION

Membrane material	Polymethylpentene (PMP)
Membrane surface area	1.8 m <sup>2</sup>
Heat exchange material	Polyethylene terephthalate (PET)
Heat exchange surface area	0.3 m <sup>2</sup>
Static priming volume	226 mL
Recommended blood flow rate	0.5–7 L/min
Maximum blood pressure	750 mm Hg
Recommended gas flow rate (gas: blood)	0.5:1 to 3:1
Maximum water side pressure	1,125 mm Hg
Arterial outlet port	3/8"
Venous inlet port	3/8"

# ORDERING INFORMATION

## Nautilus™ ECMO Oxygenator

1 unit per box

Code	
48145E	Nautilus ECMO Oxygenator with Balance™ Biosurface
48160	Nautilus ECMO Oxygenator Holder



Nautilus ECMO Oxygenator with Balance Biosurface



Nautilus Oxygenator Holder

**Important Safety Information:** For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use.

Nautilus ECMO Oxygenator is manufactured by MC3, Inc. and exclusively distributed by Medtronic.

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