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### STERAPORE™ Product Data Sheet

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|------------------------------------|--|-----------|--|
| 1) Product name                    | STERAPORE™ 5600 Series Membrane Module   |           |  |
| 2) Model No.                       | 56M0400FF  |           |  |
| 3) Materials                       |  |           |  |
| A) Membrane Element                |  |           |  |
| a) Membrane                        | PVDF (Polyvinylidene fluoride) porous hollow fiber membrane<br>Nominal pore size: 0.05 micro meter |           |  |
| b) Element permeate header         | ABS resin, Polyurethane resin  |           |  |
| c) Support pipe                    | SUS304   |           |  |
| B) Cage                            | SUS304   |           |  |
| C) Permeate adapter                | ABS resin, O-ring (EPDM)   |           |  |
| 4) Dimensions                      | 1,524 X 940 X 2,798 mm (D X W X H)   |           |  |
| 5) Dry weight                      | 400 kg   |           |  |
| 6) Nominal membrane surface area   | 400 m <sup>2</sup>   |           |  |
| 7) Connection                      |  |           |  |
| A) Effluent connection             | 65A flange(JIS10K)   | 2 port(s) |  |
| B) Diffuser connection             | 80A flange(JIS10K)   | 1 port(s) |  |
| 8) Maximum trans membrane pressure | (Initial + 15) kPa   |           |  |
| 9) Operating temperature           | 1 - 40 °C  |           |  |
| 10) Drawing number                 | ESA14A1006 rev.1   |           |  |

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**STERAPORE™ Product Data Sheet**

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|-----------------------------------|--|-----------|
| 1) Product name                   | STERAPORE™ 5600 Series Membrane Module   |           |
| 2) Model No.                      | 56M0800FF  |           |
| 3) Materials                      |  |           |
| A) Membrane Element               |  |           |
| a) Membrane                       | PVDF (Polyvinylidene fluoride) porous hollow fiber membrane<br>Nominal pore size: 0.05 micro meter |           |
| b) Element permeate header        | ABS resin, Polyurethane resin  |           |
| c) Support pipe                   | SUS304   |           |
| B) Cage                           | SUS304   |           |
| C) Permeate adapter               | ABS resin, O-ring (EPDM)   |           |
| 4) Dimensions                     | 1,524 X 1,390 X 2,798 mm (D X W X H)   |           |
| 5) Dry weight                     | 600 kg   |           |
| 6) Nominal membrane surface area  | 800 m <sup>2</sup>   |           |
| 7) Connection                     |  |           |
| A) Effluent connection            | 65A flange(JIS10K)   | 2 port(s) |
| B) Diffuser connection            | 80A flange(JIS10K)   | 1 port(s) |
| 8) Normal trans membrane pressure | (Initial + 15) kPa   |           |
| 9) Operating temperature          | 1 - 40 °C  |           |
| 10) Drawing number                | ESA14A1007 rev.1   |           |

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**STERAPORE™ Product Data Sheet**

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|-----------------------------------|--|-----------|
| 1) Product name                   | STERAPORE™ 5600 Series Membrane Module   |           |
| 2) Model No.                      | 56M1200FF  |           |
| 3) Materials                      |  |           |
| A) Membrane Element               |  |           |
| a) Membrane                       | PVDF (Polyvinylidene fluoride) porous hollow fiber membrane<br>Nominal pore size: 0.05 micro meter |           |
| b) Element permeate header        | ABS resin, Polyurethane resin  |           |
| c) Support pipe                   | SUS304   |           |
| B) Cage                           | SUS304   |           |
| C) Permeate adapter               | ABS resin, O-ring (EPDM)   |           |
| 4) Dimensions                     | 1,524 X 1,870 X 2,798 mm (D X W X H)   |           |
| 5) Dry weight                     | 800 kg   |           |
| 6) Nominal membrane surface area  | 1200 m <sup>2</sup>  |           |
| 7) Connection                     |  |           |
| A) Effluent connection            | 65A flange(JIS10K)   | 2 port(s) |
| B) Diffuser connection            | 80A flange(JIS10K)   | 1 port(s) |
| 8) Normal trans membrane pressure | (Initial + 15) kPa   |           |
| 9) Operating temperature          | 1 - 40 °C  |           |
| 10) Drawing number                | ESA14A1008 rev.1   |           |

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**STERAPORE™ Product Data Sheet**

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|-----------------------------------|--|-----------|
| 1) Product name                   | STERAPORE™ 5600 Series Membrane Module   |           |
| 2) Model No.                      | 56M1600FF  |           |
| 3) Materials                      |  |           |
| A) Membrane Element               |  |           |
| a) Membrane                       | PVDF (Polyvinylidene fluoride) porous hollow fiber membrane<br>Nominal pore size: 0.05 micro meter |           |
| b) Element permeate header        | ABS resin, Polyurethane resin  |           |
| c) Support pipe                   | SUS304   |           |
| B) Cage                           | SUS304   |           |
| C) Permeate adapter               | ABS resin, O-ring (EPDM)   |           |
| 4) Dimensions                     | 1,524 X 2,320 X 2,798 mm (D X W X H)   |           |
| 5) Dry weight                     | 1,000 kg   |           |
| 6) Nominal membrane surface area  | 1,600 m <sup>2</sup>   |           |
| 7) Connection                     |  |           |
| A) Effluent connection            | 65A flange(JIS10K)   | 2 port(s) |
| B) Diffuser connection            | 80A flange(JIS10K)   | 1 port(s) |
| 8) Normal trans membrane pressure | (Initial + 15) kPa   |           |
| 9) Operating temperature          | 1 - 40 °C  |           |
| 10) Drawing number                | ESA14A1009 rev.1   |           |

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Document No. AQM-S-14-006E(C)

**STERAPORE™ Product Data Sheet**

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|-----------------------------------|--|-----------|
| 1) Product name                   | STERAPORE™ 5600 Series Membrane Module   |           |
| 2) Model No.                      | 56M2400FF  |           |
| 3) Materials                      |  |           |
| A) Membrane Element               |  |           |
| a) Membrane                       | PVDF (Polyvinylidene fluoride) porous hollow fiber membrane<br>Nominal pore size: 0.05 micro meter |           |
| b) Element permeate header        | ABS resin, Polyurethane resin  |           |
| c) Support pipe                   | SUS304   |           |
| B) Cage                           | SUS304   |           |
| C) Permeate adapter               | ABS resin, O-ring (EPDM)   |           |
| 4) Dimensions                     | 1,524 X 3,416 X 2,798 mm (D X W X H)   |           |
| 5) Dry weight                     | 1,550 kg   |           |
| 6) Nominal membrane surface area  | 2,400 m <sup>2</sup>   |           |
| 7) Connection                     |  |           |
| A) Effluent connection            | 65A flange(JIS10K)   | 4 port(s) |
| B) Diffuser connection            | 80A flange(JIS10K)   | 2 port(s) |
| 8) Normal trans membrane pressure | (Initial + 15) kPa   |           |
| 9) Operating temperature          | 1 - 40 °C  |           |
| 10) Drawing number                | ESA14A1010 rev.2   |           |