

 **MITSUBISHI RAYON AQUA SOLUTIONS CO.,LTD.**

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Document No. AQM-S-14-034E(A)

**STERAPORE™ Product Data Sheet**

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|-----------------------------------|--|----------------|------------------------------|
| 1) Product name                   | STERAPORE™ 5700 Series Membrane Module   |                |                              |
| 2) Model No.                      | 57M0050FF  |                |                              |
| 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  |                |                              |
| B) Cage                           | SUS304   |                |                              |
| 4) Dimensions                     | 668  | X              | 674.5 X 1,600 mm (D X W X H) |
| 5) Dry weight                     | 80   | kg             |                              |
| 6) Nominal membrane surface area  | 50   | m <sup>2</sup> |                              |
| 7) Connection                     |  |                |                              |
| A) Effluent connection            | Rc1 Socket(JIS B0203)  |                | 1 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                | ESA14A1251   |                |                              |

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**STERAPORE™ Product Data Sheet**

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|-----------------------------------|--|
| 1) Product name                   | STERAPORE™ 5700 Series Membrane Module   |
| 2) Model No.                      | 57M0100FF  |
| 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  |
| B) Cage                           | SUS304   |
| 4) Dimensions                     | 668 X 969.5 X 1,602 mm (D X W X H)   |
| 5) Dry weight                     | 110 kg   |
| 6) Nominal membrane surface area  | 100 m <sup>2</sup>   |
| 7) Connection                     |  |
| A) Effluent connection            | Rc1 1/4 Socket(JIS B0203) 1 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                | ESA14A1258   |

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Document No. AQM-S-14-036E(A)

**STERAPORE™ Product Data Sheet**

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|-----------------------------------|--|----------------|------------------------|
| 1) Product name                   | STERAPORE™ 5700 Series Membrane Module   |                |                        |
| 2) Model No.                      | 57M0150FF  |                |                        |
| 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  |                |                        |
| B) Cage                           | SUS304   |                |                        |
| 4) Dimensions                     | 670  | X 1,244.5      | X 1,632 mm (D X W X H) |
| 5) Dry weight                     | 145  | kg             |                        |
| 6) Nominal membrane surface area  | 150  | m <sup>2</sup> |                        |
| 7) Connection                     |  |                |                        |
| A) Effluent connection            | Rc2 Socket(JIS B0203)  | 1              | 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                | ESA14A1229 Rev.1   |                |                        |

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**STERAPORE™ Product Data Sheet**

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|-----------------------------------|--|-----------|--|
| 1) Product name                   | STERAPORE™ 5700 Series Membrane Module   |           |  |
| 2) Model No.                      | 57M0200FF  |           |  |
| 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  |           |  |
| B) Cage                           | SUS304   |           |  |
| 4) Dimensions                     | 670   X 1,519.5   X   1,632   mm (D X W X H)   |           |  |
| 5) Dry weight                     | 175   kg   |           |  |
| 6) Nominal membrane surface area  | 200   m <sup>2</sup>   |           |  |
| 7) Connection                     |  |           |  |
| A) Effluent connection            | Rc2 Socket(JIS B0203)  | 1 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                | ESA14A1176   |           |  |