

| Product Data Sheet                                        |                 | Super Coil                                                        |              |              |      |      |
|-----------------------------------------------------------|-----------------|-------------------------------------------------------------------|--------------|--------------|------|------|
| Indirect                                                  | Unit            | Type                                                              | Type         | Type         | Type | Type |
| Product                                                   | Super Coil      | SC 150                                                            | SC 200       | SC 300       |      |      |
| Product No.                                               | OSO no.         | 8 000 801                                                         | 8 000 802    | 8 000 803    |      |      |
| Product Capacity                                          | Persons         | 3,5                                                               | 4,5          | 6,0          |      |      |
| Product Segment                                           |                 | Domestic                                                          | Domestic     | Domestic     |      |      |
| Product                                                   |                 |                                                                   |              |              |      |      |
| Weight - Net                                              | kg              | 34                                                                | 42           | 54           |      |      |
| Height - Max                                              | mm.             | 1010                                                              | 1260         | 1710         |      |      |
| Diameter                                                  | mm.             | 580                                                               | 580          | 580          |      |      |
| Volume - Actual                                           | ltr.            | 146                                                               | 193          | 284          |      |      |
| Usable hot water draw off at 40°C (ltr)                   | ltr.            | 270                                                               | 360          | 525          |      |      |
| Hot Water / hour at 40°C (ltr)                            | ltr.            | Heat Source                                                       | Heat Source  | Heat Source  |      |      |
| Heat Up Time - 15°C - max Temp.                           | hours           | Heat Source                                                       | Heat Source  | Heat Source  |      |      |
| Standing Heat Loss - 24 hours                             | kWh/24 hours    | 1,44                                                              | 1,90         | 2,30         |      |      |
| Dimensions - Cardboard Box                                | LxWxH mm.       | 595x595x1055                                                      | 595x595x1305 | 595x595x1755 |      |      |
| Volume - Cardboard Box                                    | m³              | 0,37                                                              | 0,46         | 0,62         |      |      |
| Materials                                                 |                 |                                                                   |              |              |      |      |
| Inner Cylinder                                            | Stainless Steel | Duplex                                                            | Duplex       | Duplex       |      |      |
| Coil(s)                                                   | Stainless Steel | Duplex                                                            | Duplex       | Duplex       |      |      |
| Electric Element(s)                                       | Stainless Steel | Incoloy 825                                                       | Incoloy 825  | Incoloy 825  |      |      |
| Electric Box and Lid(s)                                   | Plastic         | V0 Plastic                                                        | V0 Plastic   | V0 Plastic   |      |      |
| Insulation                                                | PUR             | ECO Foam                                                          | ECO Foam     | ECO Foam     |      |      |
| Outer Casing                                              | Steel           | Epoxy Coated                                                      | Epoxy Coated | Epoxy Coated |      |      |
| Energy Source                                             |                 | Suggested                                                         | Suggested    | Suggested    |      |      |
| Type - Primary                                            |                 | Boiler                                                            | Boiler       | Boiler       |      |      |
| Type - Secondary                                          |                 | -                                                                 | -            | -            |      |      |
| Temperature - Primary / Lower                             |                 | High Temp.                                                        | High Temp.   | High Temp.   |      |      |
| Temperature - Secondary / Upper                           |                 | -                                                                 | -            | -            |      |      |
| Heating Coil(s)                                           |                 |                                                                   |              |              |      |      |
| Surface area - Primary / Lower                            | m²              | 0,80                                                              | 0,80         | 0,80         |      |      |
| Surface area - Secondary / Upper                          | m²              | -                                                                 | -            | -            |      |      |
| Recommended Flow Rate                                     | ltr./min.       | 20                                                                | 20           | 20           |      |      |
| Heat Source Buffer Volume                                 | ltr.            | -                                                                 | -            | -            |      |      |
| Electric                                                  |                 |                                                                   |              |              |      |      |
| Immersion Heater Booster - Capacity                       | kW              | -                                                                 | -            | -            |      |      |
| Immersion Heater Backup - Capacity                        | kW              | 3,0                                                               | 3,0          | 3,0          |      |      |
| Immersion Heater - Phase                                  | Phase           | 1                                                                 | 1            | 1            |      |      |
| Immersion Heater - Voltage                                | Volt            | 230                                                               | 230          | 230          |      |      |
| Thermostat Type                                           |                 | Surface                                                           | Surface      | Surface      |      |      |
| Upper Working Thermostat - Temp. Range                    | °C              | -                                                                 | -            | -            |      |      |
| Upper Working Thermostat - Set Temp.                      | °C              | -                                                                 | -            | -            |      |      |
| Lower Working Thermostat - Temp. Range                    | °C              | 60-90                                                             | 60-90        | 60-90        |      |      |
| Lower Working Thermostat - Set Temp.                      | °C              | 75                                                                | 75           | 75           |      |      |
| Electrical Installation                                   |                 | Regulations                                                       | Regulations  | Regulations  |      |      |
| IP Classification                                         |                 | IP 21                                                             | IP 21        | IP 21        |      |      |
| Connections                                               |                 |                                                                   |              |              |      |      |
| Cold Feed / Hot Water Draw Off                            | Location        | Top                                                               | Top          | Top          |      |      |
| Cold Feed / Hot Water Draw Off                            | Compression     | 15mm                                                              | 15mm         | 15mm         |      |      |
| Safety Valve (Drain Connection)                           | " (inches)      | Use Overflow                                                      | Use Overflow | Use Overflow |      |      |
| Safety Valve (Overflow Connection)                        | " (inches)      | 3/4 - Female                                                      | 3/4 - Female | 3/4 - Female |      |      |
| T&P Valve (Overflow Connection)                           | Compression     | 15mm                                                              | 15mm         | 15mm         |      |      |
| Secondary Return / Hot Water w/o mixing                   | " (inches)      | 3/4 - Female                                                      | 3/4 - Female | 3/4 - Female |      |      |
| Immersion Heater(s)                                       | " (inches)      | 5/4                                                               | 5/4          | 5/4          |      |      |
| Primary Coil Flow / Return                                | " (inches)      | 3/4 - Female                                                      | 3/4 - Female | 3/4 - Female |      |      |
| Secondary Coil Flow / Return                              | " (inches)      | -                                                                 | -            | -            |      |      |
| Sensor Connection w/ PG nipple                            | mm.             | -                                                                 | -            | -            |      |      |
| Safety                                                    |                 |                                                                   |              |              |      |      |
| Safety Valve - Opening Pressure +/- 5 %                   | Bar             | 9                                                                 | 9            | 9            |      |      |
| T&P Valve - Opening Pressure/Temp.                        | Bar/°C          | 10/95                                                             | 10/95        | 10/95        |      |      |
| Safety Thermostat - Cut-out Temp.                         | °C              | 98                                                                | 98           | 98           |      |      |
| Inner Cylinder - Design Pressure /Temp.                   | Bar/°C          | 10/99                                                             | 10/99        | 10/99        |      |      |
| Coil(s) - Design Pressure                                 | Bar             | 10                                                                | 10           | 10           |      |      |
| Certifications / Approvals                                |                 |                                                                   |              |              |      |      |
| Product Certifications                                    | Certificates    | CE / NEMKO / KIWA / WRAS                                          |              |              |      |      |
| Manufacturing Plant Approvals                             | Standards       | ISO 9001:2008 / ISO 14001:2008 / OHSAS 18001                      |              |              |      |      |
| Environment                                               |                 |                                                                   |              |              |      |      |
| Environmental Declaration                                 |                 | 100 % Recyclable / >60 % Recycled Materials / ODP of 0 / GWP of 1 |              |              |      |      |
| Warranty - Water Quality EN 98/83EC                       |                 |                                                                   |              |              |      |      |
| Water - Chloride Content Max - Cl                         | ppm             | 250                                                               | 250          | 250          |      |      |
| Water - Sulphate Content Max - So4                        | ppm             | 250                                                               | 250          | 250          |      |      |
| Water - Chloride/Sulphate Content Max                     | ppm             | 250                                                               | 250          | 250          |      |      |
| Warranty Period - Inner Cylinder / Parts                  | Years           | 10 / 2                                                            | 10 / 2       | 10 / 2       |      |      |
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