**Device Legal Manufacturer**

**Table: Details of the Legal Manufacturer**

|  |  |
| --- | --- |
| Manufacturer Name | Thermo Fisher Scientific |
| Manufacturer Short Name | Thermo Fisher Scientific |
| Manufacturer Address | Asheville, NC |
| Manufacturing Location | 275 Aiken Road, 28804, USA |

**Devices Covered by the CER**

**Table: Device Family**

|  |  |
| --- | --- |
| **Device Family Name** | High Performance Laboratory Refrigerator and Freezer |
| **Device Family Short Name** | HPLRF |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model** | **Basic UDI-DI** | **Description** | **EMDN Code** | **GMDN Code** | **Device Classification and Rules** |
| TSX1230LV | User Input Required | Thermo Scientific TSX1230LV | User Input Required | User Input Required | User Input Required |
| TSX2330LV | User Input Required | Thermo Scientific TSX2330LV | User Input Required | User Input Required | User Input Required |
| TSX3030LV | User Input Required | Thermo Scientific TSX3030LV | User Input Required | User Input Required | User Input Required |
| TSX5030LV | User Input Required | Thermo Scientific TSX5030LV | User Input Required | User Input Required | User Input Required |

**Table: Device Features of Plasma Freezer**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Temp range (°C)** | **Capacity (L)** | **Refrigerant** | **Connectivity** | **Power cord specifications** | **Electrical (voltage, frequency, current)** | **Product capacity** | **Interior dimensions D x W x H (cm)** | **Exterior dimensions D x W x H (cm)** | **Shipping weight (kg)** |
| TSX1230LV | -35°C to -15°C | 326 Liters | R290, 95gms, GWP:3 ODP:0 | Standard | 16 Amp (CEE 7/7) / 3.048 Meters (10 feet) | 208-230V 50 Hz 1 Phase / 3.6A | User Input Required | 55.4 cm X 50.8 cm x 133.1 cm | 79.0 cm x 61.9 cm x 185.4 cm | 187 kg |
| TSX2330LV | -35°C to -15°C | 659 Liters | R290,110gms,GWP:3 ODP:0 | Standard | 16 Amp (CEE 7/7) / 3.048 Meters (10 feet) | 208-230V 50/60 Hz 1 Phase / 7.4A | User Input Required | 72.3 cm x 61.0 cm x 147.3 cm | 96.2 cm x 71.1 cm x 199.7 cm | 229 kg |
| TSX3030LV | -35°C to -15°C | 827 Liters | R290, 130gms, GWP:3 ODP:0 | Standard | 16 Amp (CEE 7/7) / 3.048 Meters (10 feet) | 208-230V 50 Hz 1 Phase / 7.4A | User Input Required | 72.3 cm x 76.2 cm x 147.3 cm | 96.2 cm x 86.4 cm x 199.4 cm | 252 kg |
| TSX5030LV | -35°C to -15°C | 1447 Liters | R290, 135 gms, GWP:3 ODP:0 | Standard | 16 Amp (CEE 7/7) / 3.048 Meters (10 feet) | 208-230V 50 Hz 1 Phase / 9.6A | User Input Required | 72.4 cm x 133.4 cm x 147.3 cm | 96.2 cm x 143.5 cm x 199.4 cm | 371 kg |

**Table: Geographic Commercialization**

|  |  |  |
| --- | --- | --- |
| **Country/Market** | **Year of First Commercialization** | **Sales Volume** |
| Europe | 2017 | 202 |
| United States | 2017 | 202 |
| Canada | 2017 | 202 |
| APAC region | 2017 | 202 |

**Table: Sales per Model**

|  |  |
| --- | --- |
| **Models** | **Sales** |
| TSX1230LV | 64 |
| TSX2330LV | 106 |
| TSX3030LV | 24 |
| TSX5030LV | 8 |