

**Subtype Floor-standing Type Air-source Heat Pump Water Heater-181L-L1**

|                     |  |
|---------------------|--|
| Certificate Holder  | Alarko Carrier Sanayi ve Ticaret A.Ş.                              |
| Address             | GOSB - Gebze Organize Sanayi Bölgesi Şahabettin Bilgisu Cad. 41480 |
| ZIP                 |  |
| City                | Gebze - Kocaeli  |
| Country             | TR   |
| Certification Body  | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH              |
| Subtype title       | Floor-standing Type Air-source Heat Pump Water Heater-181L-L1      |
| Registration number | 011-1W1042   |
| Heat Pump Type      | Heat Pump for Domestic Hot Water (DHW)                             |
| Refrigerant         | R290   |
| Mass of Refrigerant | 0.15 kg  |
| Certification Date  | 23.04.2025   |
| Testing basis       | HP KEYMARK certification scheme rules V14                          |

**Model FLR-HWH-190CSC**

|                                     |                        |
|-------------------------------------|------------------------|
| Model name                          | FLR-HWH-190CSC         |
| Application                         | n/a                    |
| Units                               | Indoor                 |
| Climate zone (for heating)          | Warmer, Warmer Climate |
| Heat Source                         | Outdoor Air            |
| Cooling mode application (optional) | n/a                    |
| Any additional heat sources         | n/a                    |

**General data**

|                  |             |
|------------------|-------------|
| Power supply     | 1x230V 50Hz |
| Off-peak product | No          |

**Heat Pump for Domestic Hot Water (DHW)****EN 16147 | Operating test**

|                              |   |
|------------------------------|---|
| Temperature operating range  | 2 |
| Safety devices checking test | 2 |
| Condensate draining          | 2 |

**EN 12102-2 | Average Climate**

|                           |          |
|---------------------------|----------|
| Sound power level indoor  | 51 dB(A) |
| Sound power level outdoor | 54 dB(A) |

**EN 16147 | Average Climate**

|                                 |            |
|---------------------------------|------------|
| Declared load profile           | L          |
| Efficiency $\eta_{DHW}$         | 130 %      |
| COP                             | 3.14       |
| Heating up time                 | 7:47 h:min |
| Standby power input             | 26.0 W     |
| Reference hot water temperature | 53.0 °C    |
| Mixed water at 40°C             | 245 l      |

**EN 12102-2 | Warmer Climate**

|                           |          |
|---------------------------|----------|
| Sound power level indoor  | 51 dB(A) |
| Sound power level outdoor | 54 dB(A) |

**EN 16147 | Warmer Climate**

|                                 |            |
|---------------------------------|------------|
| Declared load profile           | L          |
| Efficiency $\eta_{DHW}$         | 144 %      |
| COP                             | 3.52       |
| Heating up time                 | 6:34 h:min |
| Standby power input             | 43.0 W     |
| Reference hot water temperature | 53.0 °C    |
| Mixed water at 40°C             | 245 l      |