

Subtype SHP-F 300 (X) Premium

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|---------------------|---|
| Certificate Holder | STIEBEL ELTRON GmbH & Co KG |
| Address | Dr. Stiebel Straße 33 |
| ZIP | 37603 |
| City | Holzminden |
| Country | DE |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH |
| Subtype title | SHP-F 300 (X) Premium |
| Registration number | 011-1W0241 |
| Heat Pump Type | Heat Pump for Domestic Hot Water (DHW) |
| Refrigerant | R134a |
| Mass of Refrigerant | 0.85 kg |
| Certification Date | 22.02.2018 |

Model SHP-F 300 Premium

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|-------------------------------------|--------------------------------|
| Model name | SHP-F 300 Premium |
| Application | Heating + DHW |
| Units | Indoor |
| Climate zone (for heating) | Warmer Climate, Colder Climate |
| Heat Source | Outdoor Air |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | Indoor Air |

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 | 60 dB(A) |
| Sound power level outdoor | dB(A) |

EN 16147 | Average Climate

| | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 154 % |
| COP | 3.75 |
| Heating up time | 9:16 h:min |
| Standby power input | 58.0 W |
| Reference hot water temperature | 54.2 °C |
| Mixed water at 40°C | 422 l |

Model SHP-F 300 X Premium

| | |
|-------------------------------------|--------------------------------|
| Model name | SHP-F 300 X Premium |
| Application | Heating + DHW |
| Units | Indoor, Outdoor |
| Climate zone (for heating) | Warmer Climate, Colder Climate |
| Heat Source | Outdoor Air |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | Indoor Air |

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 | 60 dB(A) |
| Sound power level outdoor | 48 dB(A) |

EN 16147 | Average Climate

| | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 155 % |
| COP | 3.75 |
| Heating up time | 9:16 h:min |
| Standby power input | 67.0 W |
| Reference hot water temperature | 54.2 °C |
| Mixed water at 40°C | 399 l |

Model SHP-F 300 Premium (A15)

| | |
|-------------------------------------|--------------------------------|
| Model name | SHP-F 300 Premium (A15) |
| Application | n/a |
| Units | Indoor |
| Climate zone (for heating) | Warmer Climate, Colder Climate |
| Heat Source | Indoor 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 | 60 dB(A) |
| Sound power level outdoor | dB(A) |

EN 16147 | Average Climate

| | |
|---------------------------------|-------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 143 % |
| COP | 3.48 |
| Heating up time | 10:17 h:min |
| Standby power input | 70.0 W |
| Reference hot water temperature | 54.4 °C |
| Mixed water at 40°C | 423 l |

Model SHP-F 300 X Premium (A15)

| | |
|-------------------------------------|--------------------------------|
| Model name | SHP-F 300 X Premium (A15) |
| Application | n/a |
| Units | Indoor |
| Climate zone (for heating) | Warmer Climate, Colder Climate |
| Heat Source | Indoor 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 | 60 dB(A) |
| Sound power level outdoor | 48 dB(A) |

EN 16147 | Average Climate

| | |
|---------------------------------|-------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 138 % |
| COP | 3.32 |
| Heating up time | 10:51 h:min |
| Standby power input | 90.0 W |
| Reference hot water temperature | 53.5 °C |
| Mixed water at 40°C | 378 l |