

Subtype SHP-F 300 (X) Premium

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

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