

Subtype SWH-190P, SWH-190PM

Certificate Holder	SINCLAIR Global Group s.r.o.
Address	Purkyňova 45
ZIP	61200
City	Brno
Country	CZ
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	SWH-190P, SWH-190PM
Registration number	011-1W1036
Heat Pump Type	Heat Pump for Domestic Hot Water (DHW)
Refrigerant	R290
Mass of Refrigerant	0.15 kg
Certification Date	30.04.2025
Testing basis	HP KEYMARK certification scheme rules V14

Model SWH-190P

Model name	SWH-190P
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	56 dB(A)
--------------------------	----------

EN 16147 | Average Climate

Declared load profile	L
Efficiency η_{DHW}	131 %
COP	3.15
Heating up time	7:32 h:min
Standby power input	27.0 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	245 l

EN 12102-2 | Warmer Climate

Sound power level indoor	56 dB(A)
--------------------------	----------

EN 16147 | Warmer Climate

Declared load profile	L
Efficiency η_{DHW}	144 %
COP	3.45
Heating up time	6:10 h:min
Standby power input	27.0 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	245 l

Model SWH-190PM

Model name	SWH-190PM
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	n/a
Off-peak product	n/a

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	56 dB(A)
--------------------------	----------

EN 16147 | Average Climate

Declared load profile	L
Efficiency η_{DHW}	131 %
COP	3.15
Heating up time	7:32 h:min
Standby power input	27.0 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	245 l

EN 12102-2 | Warmer Climate

Sound power level indoor	56 dB(A)
--------------------------	----------

EN 16147 | Warmer Climate

Declared load profile	L
Efficiency η_{DHW}	144 %
COP	3.45
Heating up time	6:10 h:min
Standby power input	27.0 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	245 l