

Subtype Bosch CS5800iAW 4/5/7 OR210 MP-S

Certificate Holder	Bosch Thermotechnik GmbH
Address	Junkersstraße 20 - 24
ZIP	73249
City	Wernau
Country	DE
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Bosch CS5800iAW 4/5/7 OR210 MP-S
Registration number	011-1W0676
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.95 kg
Certification Date	28.08.2023
Testing basis	HP KEYMARK certification scheme rules V12

Model CS5800iAW 4 OR210 MP-S

Model name	CS5800iAW 4 OR210 MP-S
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate, Colder Climate
Heat Source	Outdoor Air
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	3x400V 50Hz
Off-peak product	No

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	L
Efficiency η_{DHW}	89 %
COP	2.06
Heating up time	2:39 h:min
Standby power input	88 W
Reference hot water temperature	52.3 °C
Mixed water at 40°C	300 l

EN 16147 | Colder Climate

Declared load profile	L
Efficiency η_{DHW}	70 %
COP	1.69
Heating up time	2:54 h:min
Standby power input	126.6 W
Reference hot water temperature	52.3 °C
Mixed water at 40°C	300 l

EN 16147 | Warmer Climate

Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.59
Heating up time	2:45 h:min
Standby power input	93.2 W
Reference hot water temperature	52.3 °C
Mixed water at 40°C	300 l

Model CS5800iAW 5 OR210 MP-S

Model name	CS5800iAW 5 OR210 MP-S
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate, Colder Climate
Heat Source	Outdoor Air
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	3x400V 50Hz
Off-peak product	No

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	L
Efficiency η_{DHW}	86 %
COP	1.98
Heating up time	2:33 h:min
Standby power input	91 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	303 l

EN 16147 | Colder Climate

Declared load profile	L
Efficiency η_{DHW}	67 %
COP	1.6
Heating up time	2:48 h:min
Standby power input	127 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	303 l

EN 16147 | Warmer Climate

Declared load profile	L
Efficiency η_{DHW}	97 %
COP	2.3
Heating up time	2:44 h:min
Standby power input	90.6 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	303 l

Model CS5800iAW 7 OR210 MP-S

Model name	CS5800iAW 7 OR210 MP-S
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate, Colder Climate
Heat Source	Outdoor Air
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	3x400V 50Hz
Off-peak product	No

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	L
Efficiency η_{DHW}	85 %
COP	1.96
Heating up time	2:32 h:min
Standby power input	90 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	300 l

EN 16147 | Colder Climate

Declared load profile	L
Efficiency η_{DHW}	65 %
COP	1.58
Heating up time	2:48 h:min
Standby power input	125.9 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	300 l

EN 16147 | Warmer Climate

Declared load profile	L
Efficiency η_{DHW}	100 %
COP	2.37
Heating up time	2:44 h:min
Standby power input	91.1 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	300 l