

## Subtype Bosch CS5800iAW 5/7 OR250 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 5/7 OR250 MP-S
Registration number	011-1W0677
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 5 OR250 MP-S

Model name	CS5800iAW 5 OR250 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	XL
Efficiency $\eta_{DHW}$	118 %
COP	2.77
Heating up time	3:15 h:min
Standby power input	87 W
Reference hot water temperature	52.6 °C
Mixed water at 40°C	359 l

### EN 16147 | Colder Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	75 %
COP	1.84
Heating up time	3:13 h:min
Standby power input	132.9 W
Reference hot water temperature	52.6 °C
Mixed water at 40°C	359 l

### EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	118 %
COP	3.06
Heating up time	3:09 h:min
Standby power input	98.1 W
Reference hot water temperature	52.6 °C
Mixed water at 40°C	359 l

## Model CS5800iAW 7 OR250 MP-S

Model name	CS5800iAW 7 OR250 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	XL
Efficiency $\eta_{DHW}$	103 %
COP	2.42
Heating up time	3:17 h:min
Standby power input	91 W
Reference hot water temperature	52.6 °C
Mixed water at 40°C	358 l

### EN 16147 | Colder Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	77 %
COP	1.88
Heating up time	3:13 h:min
Standby power input	131.6 W
Reference hot water temperature	52.6 °C
Mixed water at 40°C	358 l

### EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	117 %
COP	2.82
Heating up time	3:08 h:min
Standby power input	92.4 W
Reference hot water temperature	52.6 °C
Mixed water at 40°C	358 l