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Summary of	Bosch Compress 7000 LW 28	Reg. No.	011-1W0153
Certificate Holder			
Name	Bosch Thermotechnik GmbH		
Address	Junkersstraße 20 - 24	Zip	73249
City	Wernau	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	RISE Research Institutes of Sweden AB		
Subtype title	Bosch Compress 7000 LW 28		
Heat Pump Type	Brine/Water		
Refrigerant	R410a		
Mass Of Refrigerant	5 kg		

Model: Bosch Compress 7000 LW 28

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	29.30 kW	29.32 kW
El input	6.42 kW	9.61 kW
COP	4.57	3.05
Indoor water flow rate	5.05 m³/h	3.16 m³/h

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	57 dB(A)	57 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	206 %	162 %
Prated	28.00 kW	28.00 kW
SCOP	5.35	4.26
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	24.77 kW	24.77 kW
COP Tj = -7°C	4.75	3.49
Pdh Tj = +2°C	15.28 kW	15.12 kW
COP Tj = +2°C	5.49	4.32
Pdh Tj = +7°C	15.29 kW	15.12 kW
COP Tj = +7°C	5.63	4.66
Pdh Tj = 12°C	15.31 kW	15.12 kW
COP Tj = 12°C	5.68	4.95
Pdh Tj = Tbiv	29.30 kW	29.32 kW
COP Tj = Tbiv	4.57	3.05

Pdh Tj = TOL	29.30 kW	29.32 kW
COP Tj = TOL	4.57	3.05
Cdh	1.00	1.00
WTOL	68 °C	68 °C
Poff	25 W	25 W
PTO	25 W	25 W
PSB	25 W	25 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	10797 kWh	13584 kWh