Summary of	Bosch Compress 6000 13 LW	Reg. No.	011-1W0175
Certificate Holder			
Name	Bosch Thermotechnik GmbH		
Address	Sophienstraße 30-32	Zip	35576
City	Wetzlar	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	IGE Institut für GebäudeEnergetik		
Subtype title	Bosch Compress 6000 13 LW		
Heat Pump Type	Brine/Water		
Refrigerant	HFC-410a		
Mass Of Refrigerant	2.65 kg		
Certification Date	n/a		
Testing basis	n/a		

Model: Bosch Compress 6000 13 LW

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	12.91 kW	11.83 kW
El input	2.84 kW	3.97 kW
COP	4.55	2.98
Indoor water flow rate	2.22 m³/h	1.28 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	48 dB(A)	48 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	187 %	133 %
Prated	14.00 kW	13.00 kW
SCOP	4.88	3.53
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.60 kW	11.60 kW
COP Tj = -7°C	4.67	2.98
Pdh Tj = +2°C	12.70 kW	12.00 kW
COP Tj = +2°C	4.88	3.45
Pdh Tj = +7°C	12.80 kW	12.20 kW
COP Tj = +7°C	5.08	3.89
Pdh Tj = 12°C	12.90 kW	12.40 kW
COP Tj = 12°C	5.27	4.32
Pdh Tj = Tbiv	12.60 kW	11.60 kW

COP Tj = Tbiv	4.67	2.98
Pdh Tj = TOL	12.50 kW	11.40 kW
COP Tj = TOL	4.56	2.76
Cdh	1.00	1.00
WTOL	62 °C	62 °C
Poff	6 W	6 W
PTO	6 W	6 W
PSB	6 W	6 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electric	Electric
Supplementary Heater: PSUP	1.70 kW	1.70 kW
Annual energy consumption Qhe	6012 kWh	7703 kWh