

## 13 Device information

<b>1</b>	<b>Type and order code</b>		CS5000AW 22 O
<b>2</b>	<b>Design</b>		
	Heat source		Air
2.1	Controller		HPC 300
2.2	Installation location		Outside
2.3	Thermal energy metering		Integrated
2.4	Performance levels		2
<b>3</b>	<b>Operating limits</b>		
3.1	Heating water flow/return <sup>1</sup>	°C	up to 60 ±2 / from 22
3.2	Heating water flow 1 compressor mode	°C	up to 64
3.3	Air (heating) <sup>1</sup>	°C	-22 to +35
<b>4</b>	<b>Flow/sound <sup>2</sup></b>		
4.1	Heating water flow / internal pressure differential		
	Nominal flow rate acc. to EN14511	A7/W35...30 m <sup>3</sup> /h /Pa	3.2/11300
		A7/W45...40 m <sup>3</sup> /h /Pa	3.1/11000
		A7/W55...47 m <sup>3</sup> /h /Pa	1.9/3300
4.2	Minimum heating water flow rate	m <sup>3</sup> /h /Pa	1.6
4.3	Sound power level according to EN 12102 with A7/W55 external <sup>3</sup>	dB(A)	61/58
4.4	Sound pressure level at a distance of 10 m (air outlet side) <sup>4</sup>	dB(A)	34/31
4.5	Air flow	m <sup>3</sup> /h	5700/3700
4.5	Air flow Normal operation/lower operation <sup>5</sup>	m <sup>3</sup> /h	6900/5700
<b>5</b>	<b>Dimensions, connections and weight</b>		
5.1	Device dimensions without connections <sup>6</sup>	H × W × L mm	1855 × 1070 × 765
5.2	Device connections for heating	Inch	G 1 1/2" external thread
5.3	Weight of the transportable unit(s) incl. packaging	kg	324
5.4	Refrigerant / total filling weight	Type / kg	R407C/5.6
5.5	GWP value / CO <sub>2</sub> equivalent	---/t	1774/9.9
5.6	Refrigeration circuit hermetically sealed		Yes
5.7	Lubricant / total filling weight	Type / litres	POE RL32-3MAF/3.78
5.8	Volume of heating water in device	Litres	5.0
<b>6</b>	<b>Electrical connection</b>		
6.1	Supply voltage/fusing/RCD type		3~/N/PE 400 V (50 Hz) / C25A / B
6.2	Control voltage/fusing via HPM		1~/N/PE 230 V (50 Hz) / 6.3AT
6.3	Degree of protection according to EN 60529		IP 24
6.4	Starting current limiter		Soft starter
6.5	Rotary field monitoring		Yes
6.6	Starting current with soft starter	A	30
6.7	Nominal power consumption A2/W35/max. power consumption <sup>2</sup>	kW	7.7/12.5
6.8	Nominal current A2/W35/cos φ	A/---	8.1/0.8
6.9	Max. power consumption of compressor protection per (compressor)	W	70
6.10	Power consumption fan	W	up to 300
<b>7</b>	<b>Complies with the European safety regulations</b>		<sup>7</sup>