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Summary of	Buderus Logatherm WPS 64.2 HT	Reg. No.	011-1W0165
Certificate Holder			
Name	Bosch Thermotechnik GmbH (Buderus)		
Address	Sophienstraße 30-32	Zip	35576
City	Wetzlar	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	Buderus Logatherm WPS 64.2 HT		
Heat Pump Type	Brine/Water		
Refrigerant	R410A		
Mass of Refrigerant	9.3 kg		

Model: Buderus Logatherm WPS 64.2 HT

Configure model

Model name	Buderus Logatherm WPS 64.2 HT
Application	Heating (medium temp)
Units	Indoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	63.90 kW	64.68 kW
El input	12.10 kW	21.81 kW
COP	4.43	2.97

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

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EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	67 dB(A)	67 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	199 %	158 %
Prated	62.00 kW	63.00 kW
SCOP	5.17	4.14
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	54.85 kW	55.73 kW
COP Tj = -7°C	4.52	3.36
Pdh Tj = +2°C	33.62 kW	33.90 kW
COP Tj = +2°C	5.28	4.21
Pdh Tj = +7°C	33.56 kW	33.78 kW
COP Tj = +7°C	5.40	4.50
Pdh Tj = 12°C	33.51 kW	33.68 kW
COP Tj = 12°C	5.49	4.74
Pdh Tj = Tbiv	63.90 kW	64.68 kW
COP Tj = Tbiv	4.43	2.97

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$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	63.90 kW	64.68 kW
$COP T_j = TOL$ or $COP T_j = T_{designh}$ if $TOL < T_{designh}$	4.43	2.97
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	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	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Q_{he}	24782 kWh	31422 kWh