


Model(s):				L6Split + HK200S								
Type of heat source/sink:				Air-to-water								
Low-temperature heat pump:				No								
Equipped with supplementary heater:				Yes								
Heat pump combination heater:				Yes								
Climate condition:				Average								
Temperature application:				Medium temperature (55 °C)								
Applied standards: EN14511, EN14825, EN16147 and EN12102												
Rated heat output				Prated	5,3	kW		Seasonal space heating energy efficiency				
								η_s	131	%		
<i>Declared capacity for part load at outdoor temperature Tj</i>								<i>Declared coefficient of performance for part load at outdoor temperature Tj</i>				
Tj = -7 °C	Pdh	4,7	kW		Tj = -7 °C	COPd	1,88	kW				
Tj = +2 °C	Pdh	2,8	kW		Tj = +2 °C	COPd	3,26	kW				
Tj = +7 °C	Pdh	1,8	kW		Tj = +7 °C	COPd	4,72	kW				
Tj = +12 °C	Pdh	2,7	kW		Tj = +12 °C	COPd	6,47	kW				
Tj = biv	Pdh	4,7	kW		Tj = biv	COPd	1,88	kW				
Tj = TOL	Pdh	4,1	kW		Tj = TOL	COPd	1,77	kW				
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW		Tj = -15 °C (if TOL < -20 °C)	COPd		kW				
Bivalent temperature				T _{biv}	-7	°C		Operation limit temperature				
Cycling interval capacity for heating				P _{cyh}		kW		Cycling interval efficiency				
Degradation co-efficient				Cdh	0,99	-		Heating water operating limit				
								WTOL	58	°C		
<i>Power consumption in modes other than active mode</i>								<i>Supplementary heater</i>				
Off mode	P _{OFF}	0,007	kW		Rated heat output				P _{sup}	1,2	kW	
Thermostat-off mode	P _{TO}	0,012	kW									
Standby mode	P _{SB}	0,012	kW		Type of energy input				Electric			
Crankcase heater mode	P _{CK}	0	kW									
<i>Other items</i>												
Capacity control	variable			Rated air flow rate, outdoors					2526	m ³ /h		
Sound power level, indoors/outdoors	L _{WA}	35/51	dB		Rated water flow rate, indoor heat exchanger						m ³ /h	
Annual energy consumption	Q _{HE}	3248	kWh		Rated brine or water flow rate, outdoor heat exchanger						m ³ /h	
<i>For heat pump combination heater:</i>												
Declared load profile				XL				Water heating energy efficiency				
								η_{wh}				
								89				
								%				
Daily electricity consumption	Q _{elec}	8,59	kWh		Daily fuel consumption				Q _{fuel}		kWh	
Annual electricity consumption	AEC	1890	kWh		Annual fuel consumption				AFC		GJ	
Approved by:												
Contact details				Metro Therm - Rundinsvej 55 - 3300 Helsingø - Denmark								