Table 8 COMMISSION DELEGATED REGULATION (EU) No 811/2013

Technical parameters for heat pump space heaters and heat pump combination heaters Model(s): GAS HP 35A HT Air-to-water heat pump: yes Water-to-water heat pump: no Brine-to-water heat pump: no Low-temperature heat pump: no Equipped with a supplementary heater: no Heat pump combination heater: no Parameters shall be declared for medium-temperature application. Parameters shall be declared for average, colder and warmer climate conditions. **Symbol** Value Unit Symbol Value Unit Item AVERAGE CLIMATE CONDITIONS Rated heat output (*) Prated 29,3 kW Seasonal space heating 112 energy efficiency Declared capacity for heating for part load at indoor Declared coefficient of performance or primary energy temperature 20 °C and outdoor temperature T_i ratio for part load at indoor temperature 20 °C and outdoor temperature Ti $T_i = -7 \, ^{\circ}C$ Pdh25,8 kW $T_i = -7 \, ^{\circ}C$ PERd 97,0 % $T_i = +2 \, ^{\circ}C$ $T_i = +2 \, ^{\circ}C$ Pdh15,8 kW**PERd** 121,0 % $T_i = +7 \, ^{\circ}C$ 10,3 $T_i = +7 \, ^{\circ}C$ PdhkW PERd 118,0 % $T_i = +12 \, ^{\circ}C$ $T_i = +12 \, ^{\circ}C$ Pdh4,4 kW **PERd** 112,0 % $T_i = bivalent temperature$ T_i = bivalent temperature PdhkW PERd % Annual energy consumption 195 Q_{HE} GJ COLDER CLIMATE CONDITIONS Rated heat output (*) Prated 29,2 kW Seasonal space heating 107 % energy efficiency Declared capacity for heating for part load at indoor Declared coefficient of performance or primary energy temperature 20 °C and outdoor temperature T_i ratio for part load at indoor temperature 20 °C and outdoor temperature Ti $T_i = -7 \, ^{\circ}C$ $T_i = -7 \, ^{\circ}C$ Pdh17,8 kW PERd108,0 % $T_i = +2 \, ^{\circ}C$ Pdh10,8 kW $T_i = +2 \, ^{\circ}C$ PERd117,0 % $T_i = +7$ °C $T_i = +7 \, ^{\circ}C$ Pdh7,0 kW **PERd** 112,0 % $T_i = +12 \, ^{\circ}C$ 3,2 kW $T_i = +12 \, ^{\circ}C$ PERd Pdh110,0 % T_i = bivalent temperature PdhkW T_i = bivalent temperature **PERd** % 29,2 T_i = operation limit PdhkW T_i = operation limit PERd87,0 % temperature temperature 23,9 kW 90,0 For air-to-water heat pumps: PdhFor air-to-water heat pumps: **PERd** $T_i = -15$ °C (if TOL < -20 °C) $T_i = -15$ °C (if TOL < -20 °C) Annual energy consumption 242 GJ Q_{HE} WARMER CLIMATE CONDITIONS kW Rated heat output (*) Prated 35,9 115 % Seasonal space heating η_s energy efficiency Declared capacity for heating for part load at indoor Declared coefficient of performance or primary energy temperature 20 °C and outdoor temperature T_i ratio for part load at indoor temperature 20 °C and outdoor temperature Ti 35.9 kW $T_i = +2 \, ^{\circ}C$ $T_i = +2 \, ^{\circ}C$ Pdh**PERd** 118,0 % $T_i = +7 \, ^{\circ}C$ $T_i = +7 \, ^{\circ}C$ Pdh23,0 kW **PERd** 121,0 % $T_i = +12 \, ^{\circ}C$ Pdh10,4 kW $T_i = +12 \, ^{\circ}C$ PERd 116,0 % T_i = bivalent temperature kW T_i = bivalent temperature PdhPERd %

150

 Q_{HE}

GJ

Annual energy consumption

Bivalent temperature	T_{biv}	iv TOL < °C		For air-to-water heat pumps:	TOL	-22	°C		
		$T_{designh} \\$		Operation limit temperature					
				Heating water operating limit	WTOL	65	°C		
Power consumption in modes other than active mode				Supplementary heater					
Off mode	P_{OFF}	0,000	kW	Rated heat output	Psup	-	kW		
Thermostat-off mode	P_{TO}	<i>P</i> _{TO} 0,021 kW		Type of energy input	monovalent				
Standby mode	P_{SB}	0,005	kW						
Crankcase heater mode	P_{CK}	-	kW						
Other items		•			-				
Capacity control	variable			For air-to-water heat pumps:		10000	m³/h		
				Rated air flow rate, outdoors					
Sound power level, indoors/	L_{WA}	- / 75,3	dB	For water- or brine-to-water		-	m³/h		
outdoors				heat pumps: Rated brine or					
				water flow rate, outdoor heat					
				exchanger					
(*) For heat pump space heaters	and heat pu	mp combi	nation h	neaters, the rated heat output Prated	is equal to th	ne design	load for		
heating <i>Pdesignh</i> , and the rated	l heat output	of a supp	lementa	ry heater <i>Psup</i> is equal to the supp	lementary car	oacity for	heating		
sup(Ti)	•			• • • • • • • • • • • • • • • • • • • •					

Additional information required b	y COMMIS	SION RI	EGULATION	N (EU) No	813/2013,	Table 2:
Emissions of nitrogen oxides:	NO_x	40	mg/			
			kWh			

sup(Tj).