Model(s)	EWYE050	EWYE050CZN-A2						
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-te For low-temperature heat pumps, paramete Parameters shall be declared for average, o	rs shall be de	clared for low-	temperature ap					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output ⁽³⁾	Prated	42,4	kW	Seasonal space heating energy	ηs	110%	%	
•		-		efficiency				
Declared capacity for heating for part lo outdoor	ad at indoor i	temperature	20°C and	Declared coefficient of performance or pa indoor temperature 20°C and outdoor tem		ratio for pa	art load	
Tj = - 7°C	Pdh	37,6	kW	Tj = - 7°C	COPd or PERd	1,73	%	
Tj = + 2°C	Pdh	23,5	kW	Tj = + 2°C	COPd or PERd	2,45	%	
Tj = + 7°C	Pdh	14,9	kW	Tj = + 7°C	COPd or PERd	4,40	%	
Tj = + 12°C	Pdh	6,4	kW	Tj = + 12°C	COPd or PERd	6,71	%	
Tj = bivalent temperature	Pdh	37,6	kW	Tj = bivalent temperature	COPd or PERd	1,73	%	
Tj = operation limit temperature	Pdh	35,7	kW	Tj = operation limit temperature	COPd or PERd	1,59	%	
For air-to-air heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	For air-to-air heat pumps: Tj = -15 °C (if TOL < -20 °C)	COPd or PERd	-	%	
Bivalent temperature	Tbiv	-7	°C	For air-to-water heat pumps: Operation limit temperature	COPd or PERd	-25	°C	
Cycling interval capacity for heating	Рсус	-	kW	Cycling interval efficiency	COPcyc or PERcyc	-	%	
Degradation co-efficient (4)	Cdh	0,94	-	Heating water operating limit temperature	WTOL	70	°C	
Power consumption in modes other	han active r	node		Equipped with a supplementary heate	r:			
Off mode	POFF	0,000	kW	Rated heat output (4)	Psup	4,7	kW	
Thermostat-off mode	P _{TO}	0,296	kW	Type of energy input		Electric		
Standby mode	P _{SB}	0,140	kW					
Crankcase heater mode Other items	Ρ _{cκ}	0,140	kW	Other items				
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	29196	m³/h	
Sound power level, indoor/outdoor	L _{WA}	78	dB	For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor	_	-	m ³ /h	
Annual energy consumption	Q _{HE}	29527,0	kWh	heat exchanger				
For heat pump combination heater:				For heat pump combination heater:	•			
Declared load profile	-			Water heating energy efficiency	η _{wh}	-	%	
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Q _{fuel}	-	kWh	
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ	
Daikin Applied Europe - Via Piani di S.Maria 72, 00040 Ariccia (Roma) Italy			Daikin Applied Europe				

signh', a Itpi (3) For heat pump space heaters and heat pump combination heaters, the rated heat output 'Prated supplementary heater 'Psup' is equal to the supplementary capacity for heating 'sup(Tj)'.
 (4) If 'Cdh' is not determined by measurement then the default degradation coefficient is 'Cdh'= 0,9. qu sigr ng