

Model:	ECRH R32 120		
Outdoor side heat exchanger of heat pump:	Air		
Indoor side heat exchanger of heat pump:	Air		
Equipped with a supplementary heater:	No		
Driver of compressor:	Electric motor		
Parameters declared for the average heating season, parameters for the warmer and colder heating seasons are optional.			
Item	Symbol	Value	Unit
Rated heating capacity	Prated,h	50,46	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	36,26	kW
Tj = + 2 °C	Pdh	16,28	kW
Tj = + 7 °C	Pdh	25,21	kW
Tj = + 12 °C	Pdh	26,12	kW
Tbiv = bivalent temperature	Pdh	16,28	kW
TOL = operation limit temperature	Pdh	35,2	kW
Bivalent temperature	Tbiv	2	°C
<b>Power consumption in modes other than 'active mode'</b>			
Standby Mode	PSB	0,169	kW
Off mode	POFF	0	kW
Thermostat-off mode	PTO	0,169	kW
Crankcase heater mode	PCK	0,15	kW

  

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	111,05	%
Declared coefficient of performance for part load at given outdoor temperatures Tj			
Tj = - 7 °C	COP <sub>d</sub>	2,12	
Tj = + 2 °C	COP <sub>d</sub>	2,27	
Tj = + 7 °C	COP <sub>d</sub>	2,94	
Tj = + 12 °C	COP <sub>d</sub>	3,19	
Tbiv = bivalent temperature	COP <sub>d</sub>	2,27	
TOL = operation limit temperature	COP <sub>d</sub>	2,59	