Models:	classic HC 3-15 / classic H 3-15
Air-to-water heat pump:	no
Water-to-water heat pump:	no
Brine-to-water heat pump:	yes
Application:	Medium temperature (55 ºC)
Equipped with supplementary heater:	no
Heat pump combination heater:	no

Parameter	Symbol	Value	Unit	Parameter	Symbol	Value	Unit
Rated heat output	Prated	14	kW	Energy efficiency	η_s	172	%
Declared heating capacity for part load at inner temperature of 20 ºC and outdoor temperature T_j				Declared COP for part load at inner temperature of 20 ºC and outdoor temperature T_j			
$T_j = -7$ °C	Pdh	12.4	kW	$T_j = -7$ °C	COPd	3.3	-
$T_j = +2$ °C	Pdh	7.6	kW	$T_j = +2$ °C	COPd	4.3	-
$T_j = +7$ °C	Pdh	4.9	kW	$T_j = +7$ °C	COPd	4.9	-
$T_j = +12$ °C	Pdh	3	kW	$T_j = +12$ °C	COPd	5.4	-
T_j = bivalent temperature	Pdh	-	kW	T_j = bivalent temperature	COPd	-	-
T_j = limit temperature	Pdh	-	kW	T_j = limit temperature	COPd	-	-
Air-to-water heat pumps: $T_j = -15$ °C (if TOL< − 20 °C)	Pdh		kW	Air-to-water heat pumps: $T_j = -15$ °C (if TOL< − 20 °C)	COPd	-	%
Bivalent temperature	T_{biv}	-	°C	In air-to-water heat pumps: limit temperature	TOL	-	°C
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval COP	COPcyc	-	%
Degradation coefficient	Cdh	0.9	-	Heating water operating limit	WTOL	65	°C
Power consumption in modes different than active mode				Supplementary heater			
Off mode	P_{OFF}	0.005	kW	Rated heat output	P_{TO}	-	kW
Off by thermostat	P_{TO}	0.010	kW	Type of energy input		-	
Standby mode	P_{SB}	0.010	kW				
Crankcase heater mode	P_{CK}	0.000	kW				
Other parameters							
Capacity control		variable		Air-to-water heat pumps: Nominal airflow	-	-	m³/h
Sound power level (indoor/outdoor)	L_{WA}	42 / 0	dB	Water-to-water and brine-to-water heat pumps: Nominal flow rates of water or brine in outdoor heat exchanger	-	2.41	m³/h
Annual energy consumption:	Q_{HE}	6928	kWh				
For heat pump combination heater:				For heat pump combination heater:			
Declared load profile		-		Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q_{elec}	-	kWh	Daily fuel consumption	Q_{fuel}	-	kWh
Annual energy consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ