

# Product Information



Model No: NHWP12S+ (Brine)

Item	symb.	Value	Unit	Item	Symb.	Value	Unit
Rated heat output (*)	Prated	15,7	kW	Seasonal space heating energy efficiency	Etas	204	%
Bivalent temperature	T biv	-	°C	Operation limit temperature	TOL	0	°C
Degradation coefficient	CdH	0,9	-	Heating water operation limit temperature	WTOL	60	°C

Type of pump: Ground

## Performance Testing Data for SCOP (35°C) -Average (EN14825:20166)

	Condition	Brine Temp (°C)	Part load ratio (%)	Part load (kW)	Water outlet temperature (°C)	Declared Capacity (kW)	COP at DC
	E (TOL)	0	100	15,7	35	15,7	3,6
	A	0	88	13,8	34	13,4	4,2
	B	0	54	8,5	30	8,6	5,3
	C	0	35	5,5	27	5,4	5,6
	D	0	15	2,4	24	4,8	5,6

Label 35: A++, Label 55: A++

## Performance Testing Data for SCOP (55°C) -Average (EN14825:20166)

	Condition	Brine Temp (°C)	Part load ratio (%)	Part load (kW)	Water outlet temperature (°C)	Declared Capacity (kW)	COP at DC
	E (TOL)	0	100	13,6	55	13,6	2,3
	A	0	88	12	52	11,8	2,75
	B	0	54	7,3	42	7,7	3,9
	C	0	35	4,8	36	5	4,1
	D	0	15	2	30	4,5	4,1

## Performance Testing Data for EN16147:2011

Source of Data	Water heating energy efficiency, nwhh
Water heating energy efficiency, COP DHW	119%
Reference Hot Water Temperature (°C)	55
Nominal Capacity of Heat Pump (kW)	13,6
Declared Load Profile Tapping cycle	XL
Standby Heat Loss (kWh/24hr)	2,45
accounted for in Test (Litre)	670

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