Model(s):	ecoAIR (T) 3-18 PRO
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
Indicated for climatic conditions:	AVERAGE CLIMATE CONDITIONS
The parameters are given for use at medium temperature. (35ºC)	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10,6	kW	**Seasonal space heating energy efficiency**	ηs	175,0	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = -7℃	Pdh	9,44	kW	Tj = -7℃	COPd	3,30	-
Tj = 2℃	Pdh	5,76	kW	Tj = 2℃	COPd	3,97	-
Tj = 7℃	Pdh	6,56	kW	Tj = 7℃	COPd	6,27	-
Tj = 12℃	Pdh	4,25	kW	Tj = 12℃	COPd	7,00	-
Tj = bivalent temperature	Pdh	10,55	kW	Tj = bivalent temperature	COPd	3,14	-
Tj = operation limit temperature	Pdh	10,55	kW	Tj = operation limit temperature	COPd	3,14	-
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-
Bivalent temperature	Tbiv	-10	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-15	°C
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-
Degradation co-efficient (**)	Cdh	0,99	--	Heating water operating limit temperature	WTOL	70	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	Poff	0	kW				
Standby mode	Psb	0,008	kW	Rated heat output (*)	Psup	-	kW
Thermostat-off mode	Pto	0,009	kW				
Crankcase heater mode	Pck	0,009	kW	Type of energy input		Electrical	

Other items							
Capacity control		Variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	6771	m³/h
Sound power level, indoors/ outdoors	LWA	-/57	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h
Emissions of nitrogen oxides	QHE	4914	kWh				

For a combined heat pump heater:							
Declared load profile		-		**Water heating energy efficiency**	ηwh	-	%
Daily electricity consumption	Qclec	-	kWh	Daily fuel consumption	$Q fuel$	-	kWh
Contact details			Ecoforest Geotermia, S.L.				

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.
(**) If *Cdh* is not determined by measurement then the default degradation coefficient is *Cdh* = 0,9.