


Ecodesign - Product Information - Average Climate							
Models:	Outdoor Unit: ecoAIR 1-9 PRO		Indoor Unit: -		R290		
Air/Water heat pump:	Yes	Capacity control:	Variable	Low temperature heat pump:	No	Equipped with supplementary heater:	No
Applied standards: EN 14511, EN 12102, EN 14825 and EN 16147						Heat pump combination heater:	No

Space Heating Low Temperature Application: 35°C					Space Heating Medium Temperature Application: 55°C					
Seasonal space heating energy efficiency (EN14825):		180%			Seasonal space heating energy efficiency (EN14825):		142%			
Seasonal space heating energy efficiency class:		A+++			Seasonal space heating energy efficiency class:		A++			
Prated / SCOP (EN 14825):		5 kW / 4,57			Prated / SCOP (EN 14825):		5 kW / 3,63			
Heat output (EN 14511):		4,20 kW			Heat output (EN 14511):		4,10 kW			
Sound power level indoors / outdoors (Lwa) (EN 12102):		- / 57 dB(A)			Sound power level indoors / outdoors (Lwa) (EN 12102):		- / 57 dB(A)			
Declared Capacity and coefficient of performance for part load at outdoor temperature Tj. Variable sink outlet temp (EN 14825)										
Condition	Tj [°C]	Pdh [kW]	COPd [-]	Cdh [-]	Condition	Tj [°C]	Pdh [kW]	COPd [-]	Cdh [-]	
A	-7	4,32	3,27	0,99	A	-7	4,40	2,35	1	
B	2	3,18	4,49	0,99	B	2	3,41	3,58	0,99	
C	7	4,07	5,87	0,99	C	7	3,85	4,81	0,99	
D	12	5,11	6,96	0,99	D	12	4,79	6,11	0,99	
E	Tdesignh	5,03	3,01	0,99	E	Tdesignh	4,52	2,19	1,00	
F	Tbiv	5,03	3,01	0,99	F	Tbiv	4,40	2,35	1,00	
Annual energy consumption (QHE):		2258 kWh			Annual energy consumption (QHE):		2844 kWh			
Tdesignh:	-10°C	Tbiv 35/55°C:	-10 / -7°C	TOL:	-15°C	Heating water operating limit (WTOL):		70°C		
Supplement.heat output 35/55°C (Psup):		- / 0,48 kW		Type of supplementary energy input:	Electrical		Rated air flow rate:		3510 m³/h	
Power consumption in modes other than active mode										
Off mode (Poff):	0 W		Thermostat-off mode (Pto):	9 W		Standby mode (Psb):	8 W		Crankcase heater mode (Pck):	9 W
Domestic Hot Water (EN 16147)										
Declared load profile:	-		Efficiency ηDHW:	-		Reference hot water temperature:	-			
Stand-by power input (Pes):	-		Rated heat output (Prated):	-		Rated volume of the tank:	-			
COPDHW:	-		Heating up time:	-		Max. volume of mixed water at 40°C:	-			
Daily elec. energy consumption (Qelec):	-		Annual energy consumption (AEC):	-		Stand-by heat losses:	-			