


Ecodesign - Product Information - Average Climate							
<b>Models:</b>	Outdoor Unit: ecoAIR 400 6-24 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 class:					A+++					
Prated / SCOP (EN 14825):					20 kW / 4,58					
Heat output / COP (EN 14511):					-					
Sound power level indoors / outdoors (Lwa) (EN 12102):					- / 63dB(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	16,24	2,87	0,998	A	-7	15,87	2,18	0,999	
B	2	10,83	4,66	0,996	B	2	11,92	3,58	0,997	
C	7	12,28	6,05	0,995	C	7	11,55	4,97	0,997	
D	12	12,81	8,00	0,994	D	12	12,08	6,79	0,995	
E	Tdesignh	16,60	2,74	0,998	E	Tdesignh	16,15	2,06	0,999	
F	Tbiv	16,46	2,95	0,998	F	Tbiv	16,32	2,38	0,999	
Annual energy consumption (QHE):					9029 kWh					
Annual energy consumption (QHE):					13401 kWh					
Tdesignh:	-10°C	Tbiv:	-5°C	TOL:	-10°C	Heating water operating limit (WTOL):		70°C		
Supplement.heat output 35/55°C (Psup):		3,40 / 6,35 kW		Type of supplementary energy input:		Electrical		Rated air flow rate:		9600 m³/h
Power consumption in modes other than active mode										
Off mode (Poff):		8 W		Thermostat-off mode (Pto):		9 W		Standby mode (Psb):		8 W
Crankcase heater mode (Pck):		0 W								
<b>Domestic Hot Water (EN 16147)</b>										
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:		-