



**EN 14825 DECLARED VALUES  
ENVIROAIR 16kW**

General Data		
Refrigerant	R4 10a	
Mass of refrigerant (kg)	3.1	
GWP according to Eu nr. 517/2014 (CO2eq)	2088	
Frequency (Hz)	50Hz	
Voltage (V)	230V	
Test points heat pump	A7/W35	
Heat output (kW)	16.0	
El input (kW)	3.50	
COP	4.57	
Test points heat pump	A7/W55	
Heat output (kW)	16.0	
El input (kW)	6.40	
COP	2.5	
	Average Climate Low Temperature Application	Average Climate Medium Temperature Application
Tbiv (°C)	Tbiv at low temperature conditions	Tbiv at medium temperature conditions
Heat output (kW)	13.8	11.2
El input (kW)	5.75	7.00
COP	2.4	1.6
<i>Sound power level according to EN 12102</i>		
Sound power level outdoor (dB (A))	69	69
<i>Declared data regarding ErP regulation</i>		
ns	153	125
Prated (kW)	16	14
SCOP	3.9	3.20
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj		
Pdh: Tj = -7°C (kW)	13.8	11.2
COPd: Tj = -7°C	2.4	1.6
Pdh: Tj = +2°C (kW)	8.4	6.82
COPd: Tj = +2°C	3.9	3.35
Pdh: Tj = +7°C (kW)	5.4	4.38
COPd: Tj = +7°C	5	4.35
Pdh: Tj = +12°C (kW)	3.5	3.6
COPd: Tj = +12°C (kW)	6	5.5
Pdh: Tj = bivalent temperature (kW)	13.8	11.2
COPd: Tj = bivalent temperature (kW)	2.4	1.6
Pdh: Tj = -15°C (if TOL < -20°C) (kW)	14.1	10.5
COPd: Tj = -15°C (if TOL < -20°C)	2.3	1.4
Tbiv (°C)	-7	-7
TOL (°C)	-10	-10
WTOL (°C)	55	55
Annual energy consumption QHE (kWh)	8287	8170
POFF (W)	13.1	13.1
PTO (W)	0.0	0.0
PSB (W)	13.1	13.1
PCK (W)	0.0	0.0
PSUP (W)	1.9	3.1
Type of energy input (e.g. electricity)	Electric	Electric