

## Addendum

### Heatrae Sadia Advance/Advance Plus

#### Ecodesign

As from 1 January 2016, ventilation equipment must meet certain European requirements for energy performance, which are set out in the Ecodesign Directive. This Ecodesign Directive consists of a set of minimum requirements with which energy-related products must comply. Energy labels show, in a simple and clear manner, the energy performance, efficiency and environmental friendliness of a product. The product must also be accompanied by a document containing technical details about its energy use.

#### Recycling

In the manufacturing of this appliance durable materials were used. Make sure to dispose of this equipment responsibly at the end of its lifecycle. Ask the authorities for more information regarding this.

The appliance packaging is recyclable. Dispose of these materials in a responsible manner and in accordance with government regulations.



As a reminder of the need to dispose of household appliances separately, the product is marked with the symbol of a crossed-out wheeled dustbin. This means that at the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources.

#### Declarations

##### EC Declaration of Conformity

Heatrae Sadia

1 Hurrance Way, Norwich, Norfolk, NR6 6EA

Declares that the product :

- Heatrae Sadia Advance
- Heatrae Sadia Advance Plus

Complies with the requirements stated in the directives :

- Directive 2006/95/EG
- Directive 2004/108/EG
- Directive 2009/125/EC establishing a framework for the setting of ecodesign requirements for energy-related products.
- Directive 2010/30/EU on the indication by labelling and standard product information of the consumption of energy and other resources by energy-related products.
- Commission regulation (EU) No 1253/2014 of 7 July 2014 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for ventilation units
- Commission delegated regulation (EU) No 1254/2014 of 11 July 2014 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of residential ventilation units

Complies with the harmonized European standard :

- EN 60335-1:2012 | EN 60335-2-80:2003/A1:2004
- EN 60335-2-80:2003/A2:2009
- EN 60730-1:2012
- EN 55014-1:2007 | EN 55014-1:2007/C1:2009
- EN 55014-1:2007/A1:2009 | EN 55014-1:2007/A2:2010
- EN 55014-2:1998 | EN 55014-2:1998/C1:1998
- EN 55014-2:1998/A1:2002 | EN 55014-2:1998/IS1:2007
- EN 55014-2:1998/A2:2008
- EN 61000-3-2:2006/A1:2009 | EN 61000-3-2:2006/A2:2009
- EN 61000-3-3:2013 | EN 61000-6-1:2007
- EN 61000-6-3:2007/A1:2011 | EN 61000-6-3:2007/A1:2011/AC:2012

Norwich. December 22nd 2015.

Heatrae Sadia			MVHR	
Description	Symbol	Unit	Advance	Advance Plus
Specific energy consumption class	—	—	A	
Specific energy consumption	SEC	kWh/(m <sup>2</sup> .a)	-36	
Type of ventilation unit	VU	—	Residential ventilation unit (RVU) Bidirectional ventilation unit (BVU)	
Type of drive	—	—	Variable speed	
Type of heat recovery system	HRS	—	Recuperative	
Thermal efficiency of heat recovery	$\eta_t$	%	88	
Maximum flow rate	$q_{max}$	m <sup>3</sup> /h	200	
Electric power input of the fan drive, at maximum flow rate	$P_{max}$	W	99	
Sound power level	$L_{WA}$	dB	53	
Reference flow rate	$q_{ref}$	m <sup>3</sup> /s	0,039	
Reference pressure difference	$\Delta P_{ref}$	Pa	50	
Specific power input	SPI	W/(m <sup>3</sup> /h)	0,264	
Ventilation control	—	—	Local demand control	
Control factor	CTRL	—	1	
Declared maximum internal leakage rates for bidirectional ventilation units	—	%	2,1	
Declared maximum external leakage rates for bidirectional ventilation units	—	%	5,0	
Position visual filter warning	—	—	Not on the unit. Indication on controller RFT-L and RF-VI	
Pre-/dis-assembly instructions	—	—	www.heatraesadia.com	
Annual electricity consumption	AEC	kWh	3,8	
Annual heating saved, under average climate conditions	AHS	kWh	45,2	

## Additional information

### Flow rate

	Capacity [m <sup>3</sup> /h]	Pressure [Pa]	Power [W]
Step 1 minimum	25	12	4
Step 1 standard	50	17	6
Step 1 maximum	75	38	13
Step 2 <sup>[*)]</sup>	100	70	27
Step 3 minimum	75	38	13
Step 3 standard	125	104	44
Step 3 maximum	150	150	72
Step 3 maximum	200	100	99

*\*) Step 2 is a calculated value, depending on the set minimum and maximum capacity.*

Step 1 and 3 can be set via potentiometers on the motor module