

ENERGY

Nuaire
UNI-X580

**56**  
dB

**468 m<sup>3</sup>/h**

2016
1254/2014

### Product fiche according to Commission Regulation (EU) 1254/2014

a	Supplier name	Nuaire		
b	Model	UNI-X580		
c	Specific energy consumption and SEC class	Cold	Average	Warm
	SEC (KWh/m <sup>2</sup> .a)	-79.41	-40.83	-16.10
	SEC Class	A	A	A
d	RVU or NRVU / Unidirectional or bidirectional	RVU / Bi-directional		
e	Type of drive (multi-speed drive or variable speed drive)	Variable speed drive		
f	Type of heat recovery system (recuperative, regenerative, none)	Recuperative		
g	Thermal efficiency of heat recovery	85.3%		
h	Maximum flow rate (m <sup>3</sup> /h)	468		
i	Electric power input of the fan drive at maximum flow rate (W)	295		
j	Sound power level (LWA)	56		
k	Reference flow rate (m <sup>3</sup> /s)	0.091		
l	Reference pressure difference (Pa)	50		
m	Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.35		
n	Control factor and control typology	0.65 based on boost by local light switches		
o	Maximum internal and external leakage rates (%)	< 5% Internal, <5% External		
p	Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	N/A		
q	Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	Refer to I&M instructions supplied with the unit		
r	For unidirectional ventilation systems, instructions to install regulated supply/exhaust grilles in the façade for natural air supply/extraction	N/A		
s	Internet address for pre-/dis-assembly instructions	<a href="http://www.nuaire.co.uk/disassembly-instructions">www.nuaire.co.uk/disassembly-instructions</a>		
t	For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	N/A		
u	For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	N/A		
v	The annual electricity consumption (AEC) (in kWh electricity/a)	2.32		
w	The annual heating saved (AHS) (in kWh primary energy/a)	Cold	Average	Warm
		89.9	46.0	20.8