

## TECHNICAL DATA SHEET

### QURO | Low Noise, SAP PCDB Listed Decentralised Mechanical Extract Ventilation Unit



#### KEY FEATURES

- ✓ SAP PCDB Listed achieving a market leading low Specific Fan Power of down to 0.08 W/l/s
- ✓ Constant volume with limiter to prevent nuisance noise
- ✓ Extremely quiet running down to below 9 dB(A)
- ✓ Continuously running extract ventilation with adjustable trickle speeds
- ✓ Fitted with low watt DC motors for a maximum energy consumption of 4.5 Watts
- ✓ Adjustable timer, adjustable humidity sensor and pullcord variants available
- ✓ Automatic intelligent timer and humidity mode options available.
- ✓ Adjustable speed settings ranging from 5l/s to a maximum of 30l/s
- ✓ Mixed flow fan impeller providing increased resistance tolerances whilst not compromising on airflow
- ✓ Side display showing current operation as well as relative humidity and timer set points, error codes and total run time
- ✓ Low maintenance
- ✓ 3 year warranty

#### PRODUCT

QURO is a decentralised mechanical extract ventilation unit, incorporating adjustable speed settings and limited constant volume technology. The fan has a maximum speed of 30l/s and a market leading low SFP down to 0.08 W/l/s.

#### MOTOR

The motor is a Low Watt DC motor, with exceptionally quiet running at below 9 dB(A) at 3m.

#### APPLICATION SUITABILITY

QURO is ideal for residential properties, and is suitable for wall or ceiling mounting in WCs, utility spaces and kitchens. The fan has a 99mm spigot suitable for use with 100mm ducting, and a variety of models including timer, humidistat and pullcord options.

#### INSTALLATION

Full installation guide is enclosed with all products; or sent separately in advance - if required.

#### FAN

QURO incorporates a mixed flow impeller designed to run continuously on trickle with the facility to boost to maximum air volume via a switch, pullcord or humidity sensor (model depending).

#### SERVICING / MAINTENANCE

The unit is low maintenance with no filter required. The QURO should be cleaned periodically with a damp cloth.

#### CONSTANT VOLUME

The constant volume technology ensures maximum efficiency and that the commissioned airflow rate is delivered despite any resistance encountered in the ductwork or filters. This technology has a limiter which prevents excessive nuisance running when resistance is encountered in the system such as wind or debris.

#### WARRANTY

The QURO is covered by a 3 year warranty.

#### CONTROLS

QURO is available in various models which include integral controls that can be accessed via the side display. The options available include an adjustable timer, humidistat and pullcord as well as error codes and total run time. Further details on set points can be found in the installation guide.

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### TECHNICAL SPECIFICATIONS

<b>Maximum Flow Rate</b>	30l/s (108m <sup>3</sup> /h)
<b>Motor</b>	DC
<b>Specific Fan Power</b>	Down to 0.08 W/l/s
<b>Electrical Supply</b>	230V / 1PH / 50Hz
<b>Max Absorbed Power</b>	4.5W

<b>Protection Class</b>	IP45
<b>Spigot (mm)</b>	100mm
<b>Dimensions (mm)</b>	175 x 175 x 128.5 (including spigot)
<b>Weight</b>	0.53kg

### SOUND DATA

Speed Levels	Constant Air Volume		Sound Pressure Level - Free Air*		Sound Pressure Level - Through Wall*		Sound Pressure Level - Within Room*	
	m <sup>3</sup> /h	l/s	Point	dB(A)	Point	dB(A)	Point	dB(A)
Trickle Speeds	18	5	1	8.8	9	9.3	17	11.2
	29	8	2	9.9	10	11.1	18	15.1
	40	11	3	13.1	11	14	19	19.3
	47	13	4	14.8	12	15.7	20	21.8
	58	16	5	20.2	13	19.8	21	25.7
Boost Speeds	72	20	6	21.5	14	21.4	22	30.7
	90	25	7	27.2	15	27.4	23	32.3
	108	30	8	36.1	16	34.7	24	33.2

### PRODUCT CHARACTERISTICS DATABASE (SAP10)

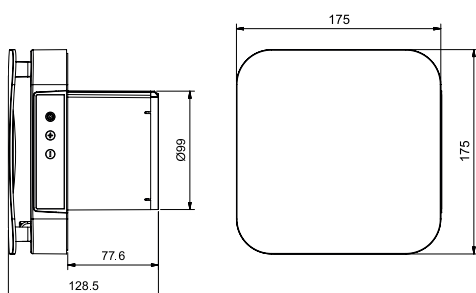
Measured at 3m in free field conditions  
Testing performed to the requirements of BS EN 13141-6

Systems with rigid ductwork (installation only)		
Unit Config	Location	SAP (W/l/s)
In Room (Ducted)	KITCHEN	0.11
	WETROOM	0.10
Through Wall	KITCHEN	0.08
	WETROOM	0.08

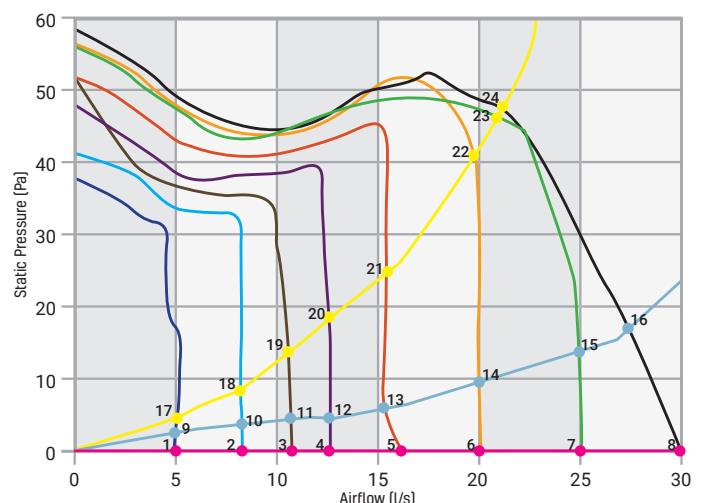
Systems with semi-rigid ductwork (installation only)		
Unit Config	Location	SAP (W/l/s)
In Room (Ducted)	KITCHEN	Coming Soon
	WETROOM	Coming Soon
Through Wall	KITCHEN	Coming Soon
	WETROOM	Coming Soon

SAP 10

### DIMENSIONS (MM)



### PERFORMANCE CURVE



### KEY

- 30l/s
- 13l/s
- Within Room
- 25l/s
- 11l/s
- Free Air
- 20l/s
- 8l/s
- 5l/s
- Through Wall