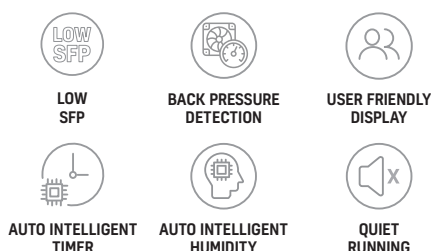


TECHNICAL DATA SHEET

QURO LC | 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
- ✓ Back pressure detection that enables the fan to be able to deal with back pressure whilst not compromising the airflow.
- ✓ Extremely quiet running down to below 9 dB(A)
- ✓ Continuously running extract ventilation with adjustable trickle and boost speeds
- ✓ Fitted with low watt DC motors for a maximum energy consumption of 4.5 Watts
- ✓ Adjustable timer and adjustable humidity sensor variants available
- ✓ Automatic intelligent timer, humidity mode and pullcord 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 error codes and total run time
- ✓ Low maintenance
- ✓ 3 year warranty

PRODUCT

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

SERVICING / MAINTENANCE

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

BACK PRESSURE DETECTION

QURO LC is able to detect wind/back pressure without compromising the airflow. When commissioning there are two installation options, through wall and ducted depending upon the type of installation.

WARRANTY

The QURO LC is covered by a 3 year warranty.

CONTROLS

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

TECHNICAL DATA SHEET

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

TECHNICAL SPECIFICATIONS

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

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

SOUND DATA

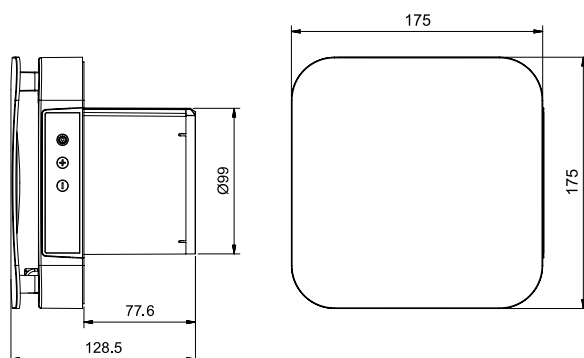
Speed Levels	Constant Air Volume		Sound Pressure Level - Free Air*	Sound Pressure Level - Through Wall*	Sound Pressure Level - Within Room*
	m ³ /h	l/s	dB(A)	dB(A)	dB(A)
Trickle Speeds	18	5	8.8	9.3	11.2
	29	8	9.9	11.1	15.1
	40	11	13.1	14	19.3
	47	13	14.8	15.7	21.8
	58	16	20.2	19.8	25.7
Boost Speeds	72	20	21.5	21.4	30.7
	90	25	27.2	27.4	32.3
	108	30	36.1	34.7	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	0.09
Through Wall	KITCHEN	0.08
	WETROOM	0.08

DIMENSIONS (MM)



PERFORMANCE CURVE

