

# Through Wall Fan Kits - Intelligent Sensing Automation

## For continuous operation compliance only.

The Manrose Genius is the new generation of unitary fans. Following installation home owners automatically have a ventilation system offering a wide range of standard default operating settings which can be easily customised via an intuitive App. Includes energy efficient DC motor. 5 year warranty.

The Manrose IntelliVent Humidity and IntelliVent Temperature fans are sensor operated complete with adjustable speed control and LED function indication. An easy to access control panel provides for simple and exact adjustment of settings. Includes energy efficient DC motor. 5 year warranty.

Designer GENIUS	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m <sup>3</sup> /hr)					
	100	DC Axial	4	30	30	108	0.13	17-20	Round	App Control	FAN6844
Designer INTELLIVENT	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Fascia	Switching	Order Code
					(l/s)	(m <sup>3</sup> /hr)					
	100 125	DC Axial	8	21	37	134	0.22	12-29	Rectangle	Auto Sense Humidity Auto Sense Temperature	FAN5901 FAN6051

**Note:** Installed system performance is always influenced by duct length and layout

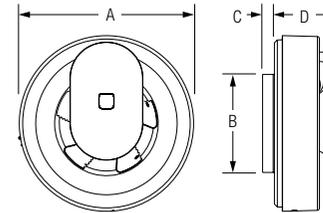
## Accessories

Model	Description	Order Code
	Through Wall and Backdraught Kit	∅ 100 x 310mm (using 98mm adapter) DCT4149
		∅ 125 x 310mm (using 118mm adapter) DCT4150
<b>INTELLIVENT HUMIDITY</b> <b>INTELLIVENT TEMPERATURE</b>	 Cover Plate - White	202 x 152mm DCT4151
	 Internal Through Wall Kit	∅ 100 x 100mm (using 98mm adapter) DCT4152

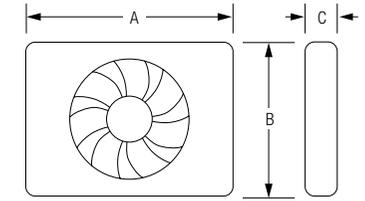
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## Dimensions (mm)

Model	A	B	C	D
Genius	177	99	21	60
IntelliVent	202	152	31	-



Genius Fans



IntelliVent Fans

## Technical

Model	Genius	IntelliVent		
		100mm	125mm	
Supply	220-240V AC, 50Hz	220-240V AC, 50Hz		
Max. Operating Temp	40°C	40°C		
Fan Speed	Low Trickle	10 l/s	-	
	High Trickle	16 l/s	-	
	Boost	30 l/s	-	
	Constant	-	12 l/s, 42m <sup>3</sup> /hr	12 l/s, 55m <sup>3</sup> /hr
	Silent	-	21 l/s, 74m <sup>3</sup> /hr	24 l/s, 86m <sup>3</sup> /hr
	Max	-	30 l/s, 107m <sup>3</sup> /hr	30 l/s, 134m <sup>3</sup> /hr
IP Rating	IP44	IPX4	IPX4	

## General Information

Model	App Controls
Genius	Bluetooth
	Light Level Sensor
	Variable Speed
	Timer
	Heat Transfer
	RH%