



Glen  
Dimplex



Dimplex

## M Flex Air/M Flex Air Plus. Central ventilation module.

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**Ideal for any application.** The central ventilation unit for domestic ventilation can be used both as a free-standing module or combined with System M heat pumps.

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**Flexible installation.** Reversible directions of air flow. Floor-standing or for wall assembly, vertically or horizontally aligned.

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**Hygienic indoor air.** Automatic operation using integrated air quality sensors in exhaust air and outside air. Pollen filter included as standard. Fine dust air filter available as an accessory.

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**Optional added comfort available.** Integrated electric post-heater and pre-heater. Feed side condensate connection for cooled building possible. Condensate siphon with dry-running and low pressure protection.

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**Compact dimensions.** Cabinet dimensions 560 x 534 mm (depth x width). Can be integrated into commercially available cabinet or kitchen units, e.g. in corridors, bathrooms and utility rooms.

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**Tested safety.** Fireplace safety function for volume flow balance.

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**Simple operation.** Display on unit with easy menu structure. Modbus interface as standard. Incorporation into EnOcean networks (wireless) and simple network connection via digital inputs and outputs possible. When combined with System M heat pumps, operated via touch display on the unit and using the GDTs Home app on a smart device – tablet or mobile phone.

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# M Flex Air/M Flex Air Plus.

## Technical data:

This central ventilation unit with heat recovery is ideal for controlled domestic ventilation. It enables new build single-family homes, terraced houses and spacious flats to be ventilated without opening windows. The intelligent functions prevent mould formation and record undesirable substances in the indoor air. A valuable contribution to preserving the fabric of the building and to healthy, hygienic indoor air. The design of the M Flex Air has a particular focus on compact dimensions. With a width of 53.4 cm and depth of 56.0 cm, the free-standing ventilation module fits easily into commercially available cabinet and kitchen units. M Flex Air combined with System M heat pumps is the perfect solution for a comprehensive heating, ventilation and cooling system. One very smart feature is that different assembly options allow space-saving installation in heating or utility rooms. The ventilation system is especially effective in combination with the GDD air distribution system Air 56.

<b>Order reference</b>	<b>M Flex Air. Ventilation unit with heat recovery.</b>	<b>M Flex Air Plus. Ventilation unit with heat and moisture recovery.</b>
Item number	378020	378030
For use in residential properties	Up to approximately 250 m <sup>2</sup>	Up to approximately 250 m <sup>2</sup>
Air volume flow min. – max.*	50 – 320 m <sup>3</sup> /h	50 – 320 m <sup>3</sup> /h
Air volume flow levels 1 / 2 / 3*	90 / 160 / 225 m <sup>3</sup> /h	90 / 160 / 225 m <sup>3</sup> /h
Ext. pressure difference (at 300 m <sup>3</sup> /h)	170 Pa	170 Pa
Air quality sensors	Integrated into exhaust air and outside air	Integrated into exhaust air and outside air
Sound pressure level (at 250 m <sup>3</sup> /h at 1m)*	42 dB	42 dB
Heat exchanger	Countercurrent	Countercurrent with moisture recovery
Max. heat supply rate*	Up to 92 %	Up to 85 %
Electrical efficiency*	0.25 Wh/m <sup>3</sup>	0.25 Wh/m <sup>3</sup>
Summer bypass	Yes	Yes
Fireplace safety function	Yes	Yes
Power supply	1 / N / PE ~230V, 50Hz	1 / N / PE ~230V, 50Hz
Air duct connection	Ø 160 mm	Ø 160 mm
Filter class	ePM10 (M5)	ePM10 (M5)
Dimensions (W x H x D)	534 x 1360 x 560 mm	534 x 1360 x 560 mm
Energy efficiency class**	A	A
DIBt approval	Requested	Requested
“Passive House” certificate	Requested	Requested

\* Preliminary data.

\*\* In a range from A+ to G.

