

5 REASONS FOR OUR COMFORT VENTILATION



OPTIMAL IN
MULTI-STOREY
CONSTRUCTION

ALLROUND
CAPABILITIES

FLEXIBLE
INSTALLATION

VERSATILE
IN OPERATION

IDEAL FOR HOTELS
& APARTMENTS

1 ALLROUND CAPABILITIES OF M-WRG-II



EFFICIENCY

- Up to 94 % heat recovery efficiency
- High air flow 10-100 m³/h
- Single or multi-room solution
- Constant volume flow rate (suitable for multi-storey buildings)
- Excellent funding opportunities



HEALTHY LIVING

- Enthalpie heat exchanger with moisture recovery
- Filter class ISO ePM1 60% (F7) as standard
- Tested to VDI 6022 sheet 1 hygiene standards
- Protection against moisture damage and mould growth

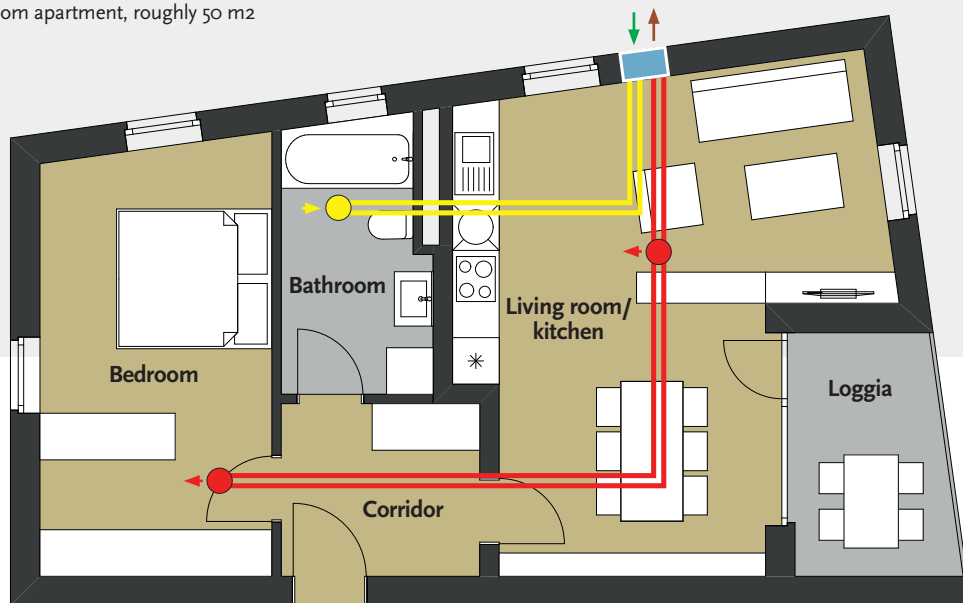


NOISE PROTECTION

- Inherent noise from LpA, 10 m² = 8,4 dB(A)
- Sound insulation D n,e,w up to 70 dB

2 IDEAL IN MULTI-STOREY CONSTRUCTION

2-room apartment, roughly 50 m²



➤ Extract air 2 x 75 mm
 ➤ Supply air 2 x 75 mm
 ➤ Outdoor air 2 x 75 mm
 ➤ Exhaust air 2 x 75 mm

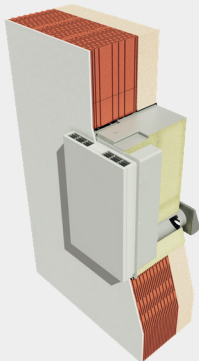
■ M-WRG-II / M-WRG units
 (graphic representation)

⊡ Ceiling box with distributor
 4 x 75 mm flexible pipe connection
 and supply air poppet valve

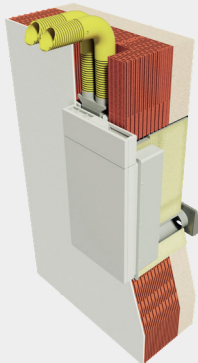
● Ceiling box
 2 x 75 mm flexible pipe connection
 with supply air poppet valve

● Ceiling box
 2 x 75 mm flexible pipe connection
 with extract air poppet valve

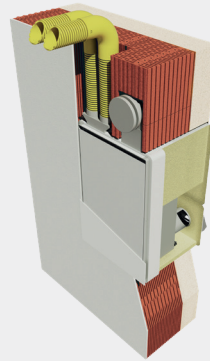
3 FLEXIBLE INSTALLATION



FLUSH-MOUNT
VERSION



FLUSH-MOUNT VERSION
WITH DUCTWORK CONNECTION



INTEGRATED INTO WALL U² VERSION
WITH DUCTWORK CONNECTION

4 VERSATILE IN OPERATION



OPERATION AT
THE UNIT



OPERATION
VIA CABLE

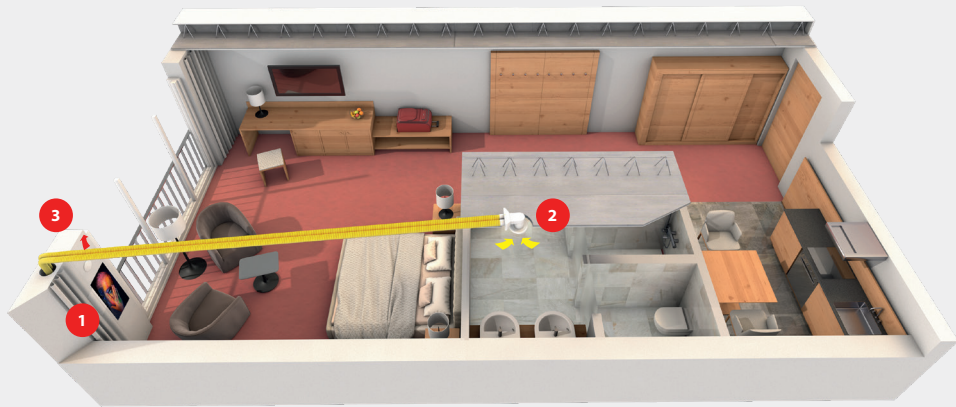


WIRELESS OPERATION
VIA RADIO / APP



BUS SYSTEMS

5 IDEAL FOR HOTELS & APARTMENTS



1 Remarkable inconspicuous:
individual design covers



2 Ceiling valve with different
design variations



3 Without visible outer wall:
our window reveal solution



MADE IN GERMANY
OVER 40 YEARS EXPERIENCE

FLEXIBILITY – COST TRANSPARENCY – PREFABRICATION

- Residential buildings
- Hotels / boarding houses
- Retirement homes / student residences
- Day-care centres / schools
- Communal facilities
- Office buildings
- Doctor's surgeries
- Modular construction

MELTEM is the ideal ventilation partner for your project.
Let us advise you individually!



**Meltem Wärmerückgewinnung
GmbH & Co. KG**
Am Hartholz 4 · D-82239 Alling
Tel.: +49 8141 40 41 79 - 0
Fax: +49 8141 40 41 79 - 9

info@meltem.com · www.meltem.com/en