

HEAT RECOVERY URC DOMO SMART SERIES

AIR EXCHANGE SOLUTIONS SUITABLE FOR THE RESIDENTIAL SECTOR

CONTROL
COMFORT
EXCHANGE



RESIDENTIAL

ErP
READY



SCARICA AGGIORNAMENTO PREZZI



CONTROL PANEL ZS VERSION CNV-BPM

Manual: Manually set the fan speed to high, medium, and low.
Low: Automatically sets the fan speed to low. Adjustable timer for cleaning and filter replacement.



CONTROL PANEL ZE VERSION CNV-SMART

Regulation of the supply and return ventilation set, separately, with 10 speed steps. Automatic bypass for free-cooling. Adjustable timer for cleaning and filter replacement. Weekly timer management.

Remote management via SMART LIFE APP.

URC DOMO SMART

Z-HORIZONTAL/VERTICAL INSTALLATION

Modular ultra-light MVHR. Efficiency up to 90%. The units are suitable for horizontal ceiling or vertical wall installation.

CHARACTERISTICS

- Self-supporting sheet metal structure.
 - Painted galvanized sheet metal panels externally with high EPS insulation density.
 - Cross flow polypropylene exchanger high efficiency countercurrent ($\leq 90\%$)
 - Summer and winter operation.
 - Brushless fans with electronic motor and modulating control. Very high efficiency and bass noise levels - ErP2018 compliant.
 - Filters with low ePM efficiency pressure drop 1 - 70% (F7) on both fresh air and air extracted.
 - Peso: URC-DOMOSMART20Z 17kg / URC-DOMOSMART40Z 18kg
- OPTIONAL:**
- Distribution fitting with maximum 8 connections of $\varnothing 75$ mm. (RACCORDO-SMART-...XD75)
 - CO2 and humidity probe for air quality monitoring (Air module Quality).

CODE	A.flow (m ³ /h)	\varnothing conn. (mm)	Sound pressure (at 3m) dB(A)	Price each./€	Control code	Price each/€
URC-DOMOSMART20ZS	200	160	32.5		CNV-BPM	
URC-DOMOSMART20ZE	200	160	32.5		CNV-SMART	
URC-DOMOSMART40ZS	420	160	38.5		CNV-BPM	
URC-DOMOSMART40ZE	420	160	38.5		CNV-SMART	

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URC DOMO SMART V

V-VERTICAL INSTALLATION

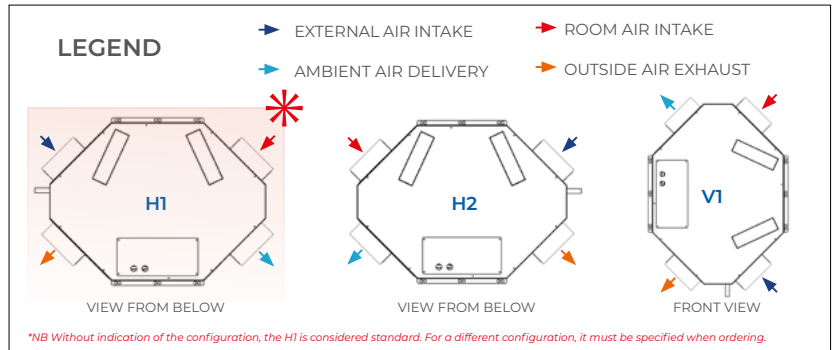
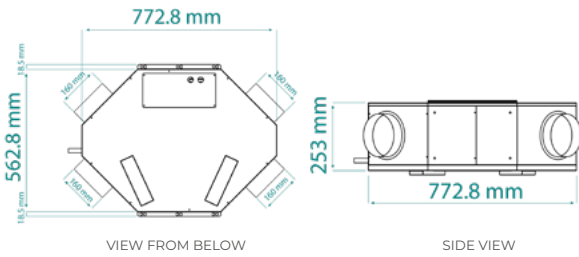
Modular ultra-light MVHR. Efficiency up to 90%. The units are suitable for internal installation on the floor.

CHARACTERISTICS

- Self-supporting sheet metal structure.
 - Externally painted galvanized sheet metal panels with high-performance EPS insulation density.
 - High efficiency ($\leq 90\%$) countercurrent cross-flow polypropylene exchanger
 - Summer and winter operation.
 - Brushless fans with electronic motor and modulating control. Very high efficiency and low noise levels - ErP2018 compliant.
 - Filters with low efficiency pressure drop ePM 1 - 70% (F7) on both fresh air and extracted air.
 - Peso: URC-DOMOSMART20V 42kg
URC-DOMOSMART40V 42kg
- OPTIONAL:**
- CO2 and humidity probe for monitoring air quality (Air Quality module).

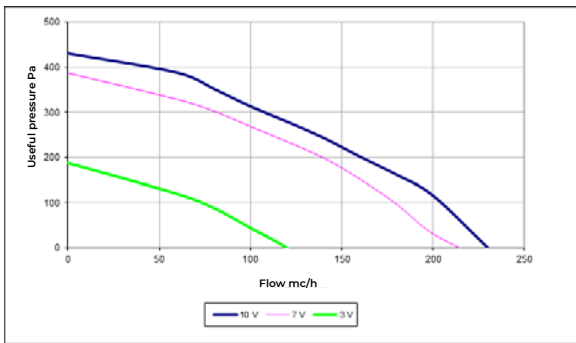
CODE	A.flow (m ³ /h)	\varnothing conn. (mm)	Sound pressure (at 3m) dB(A)	Price each./€	Control code	Price each/€
URC-DOMOSMART20VS	241	160	31.5		CNV-BPM	
URC-DOMOSMART20VE	241	160	31.5		CNV-SMART	
URC-DOMOSMART40VS	411	160	37.5		CNV-BPM	
URC-DOMOSMART40VE	411	160	37.5		CNV-SMART	

DIMENSIONAL DATA - 20Z 40Z

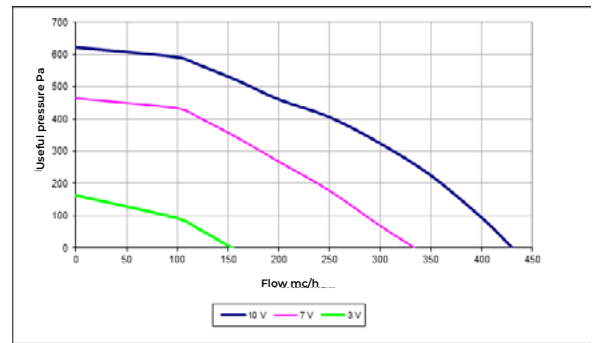


PERFORMANCE GRAPHS

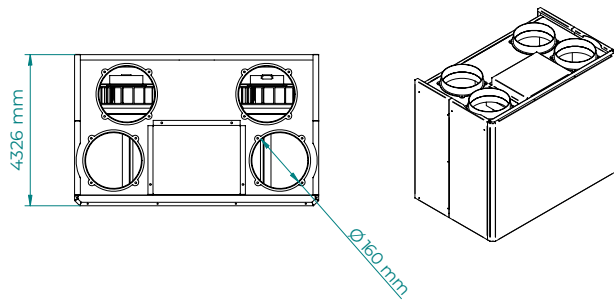
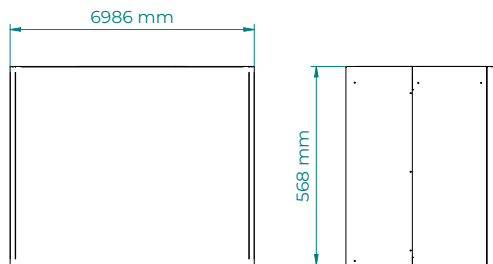
URC DOMO SMART 20Z



URC DOMO SMART 40Z

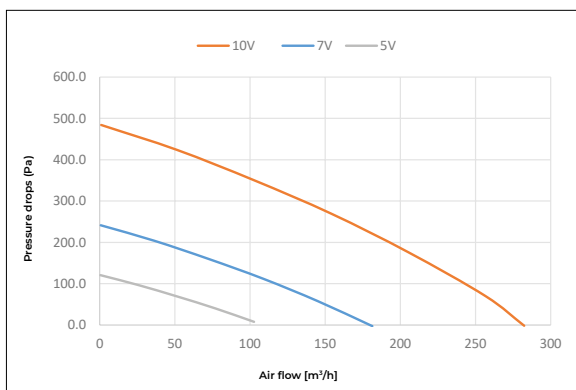


DIMENSIONAL DATA - 20V 40V

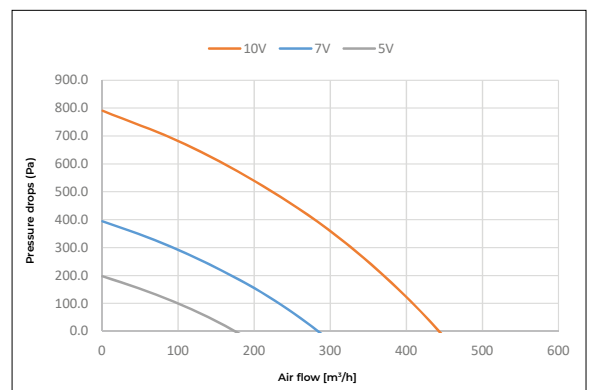


PERFORMANCE GRAPHS

URC DOMO SMART 20V




URC DOMO SMART 40V




[*] Curves referring to the following conditions UNI EN 13141-7: outdoor air, 7° - 70% RH / indoor air, 20° - 28% RH


AIR EXCHANGE COMPONENTS - KIT FOR URC DOMO SMART Z/V




A	Code	Description	∅ (mm)	Price each/€
	GR-EXT-FL200	ROUND STAINLESS STEEL GRILL WITH IN STAINLESS STEEL ANTI-BIRD NET AND DIVERTER OF FLOW ALUMINUM FINISH	200	




B	Code	Description	∅ (mm)	Price each/€
	AIR-MF200	FEMALE-FEMALE SLEEVE IN GALVANIZED SHEET METAL	200	



C	Code	Description	∅ (mm)	Price each/€
	AIR-RCPL200-160	CIRCULAR REDUCTION IN SHEET METAL GALVANIZED FOR CONNECTION TO THE COLLECTOR	200/160	



D	Code	Description	∅ (mm)	Price each/€
	PRO-EXT-D160	STEEL TELESCOPIC EXTENSION GALVANIZED	160	




E	Code	Description	∅ (mm)	Price m/€
	TER160	FLEXIBLE HOSE WITH RESIN FILM POLYPHENIC WITH ANTIBACTERIAL AND ANTIMOLD MASTER THERMAL INSULATING COATING (PACK. 10 m) <i>Notes: See conditions for non-standard transport *</i>	* 160	




F	Code	Description	∅ in (mm)	∅ out (mm)	Price each/€
	RACCORDO-SMART-4XD75*	DISTRIBUTION CONNECTION SMART 4XD75	160	4XD75	
	RACCORDO-SMART-6XD75*	DISTRIBUTION CONNECTION SMART 6XD75	160	6XD75	
	RACCORDO-SMART-8XD75*	DISTRIBUTION CONNECTION SMART 8XD75	160	8XD75	


*OPTIONAL - Distribution connection with a maximum of 8 ∅75 mm connections.
NB Can be used either as a connecting plenum connected via a flexible hose (see kit) or directly assembled to the machine.



G	Code	Description	conf.	∅ (mm)	Price m/€
	AIR10003	CORRUGATED ROUND TUBE + ANTISTATIC TREATMENT AND ANTIBACTERIAL	50 m	75 mm	




H	Code	Description	Price m/€
	PLENUMVMC-KIT	ABS GRILLE DOOR PLENUM KIT FOR MVHR GRID WITH: - 2 REAR CONNECTIONS DN 75/90 - 2 UPPER CONNECTIONS DN 75/90 - 1 SIDE CONNECTION DN 75/90 - 1 SLEEVE MVHR 75 (optional) - 4 CAPS 75/90 (optional) - 2 BRACKETS (optional)	



I	Codice	Description	Price m/€
	GRIGLIAVMC-1	MICRO-PERFORATED GRILLE IN RAL 9003 STEEL FOR PLENUMVMC-KIT	

ACCESSORIES



	Code	Description	∅ (mm)	Price each/€
	FSI60-270	CABLE TIE HOSE CLAMP IN STAINLESS STEEL	60-270	



	Code	Description	∅ (mm)	Price each/€
	AIR10109-P	PVC FIXING CLIPS FOR CORRUGATED PIPE ROUND (MIN PACK OF 48 PCS)	75	



	Code	Description	Price each/€
	SERRANDA-VMC75/90	DUMPER 75/90 MM	



	Code	Description	Price €
	CO2SENSOR-SMART	PROBE FOR DETECTING CO ₂ , HUMIDITY AND PM2.5 PARAMETERS	

REDUCTION OF BACTERIA AND MOLD

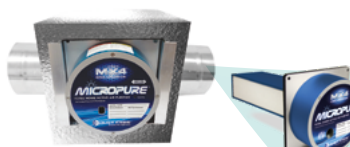
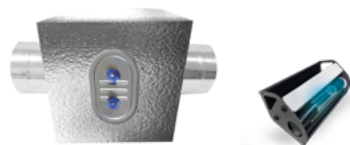
ODOR REDUCTION

99%



SANITIZATION SYSTEM FOR MVHR

SANIVMC SERIES - ACTIVE SANITIZATION MODULES FOR MVHR SYSTEMS IN RESIDENTIAL ENVIRONMENTS OR SMALL OFFICES



PAL FITTING + SANITIZATION	∅ (mm)	Code	Price each/€
PAL fitting - 2 x DN 120 mm + KIT-SANI1	120	SANIVMC120-FC	
PAL fitting - 2 x DN 160 mm + KIT-SANI1	160	SANIVMC160-FC	
PAL fitting - 2 x DN 200 mm + KIT-SANI1	200	SANIVMC200-FC	

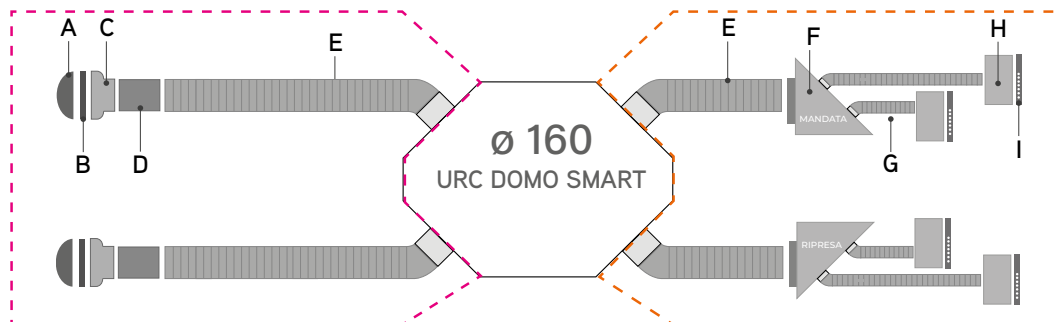
PAL FITTING + SANITIZATION	∅ (mm)	Code	Price each/€
PAL fitting - 2 x DN 120 mm + MC 5"	120	SANIVMC120-MC	
PAL fitting - 2 x DN 160 mm + MC 5"	160	SANIVMC160-MC	
PAL fitting - 2 x DN 200 mm + MC 5"	200	SANIVMC200-MC	



PRESSURE SWITCH DF optional accessory for SANIVMC

AIR EXCHANGE SCHEME

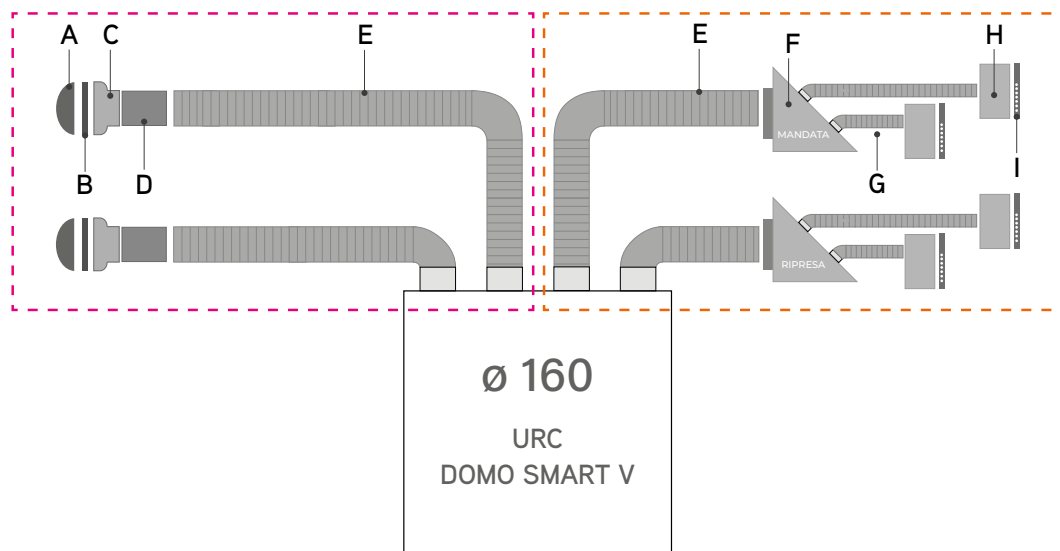
KIT FOR RECOVERY HORIZONTAL VERSION CONNECTIONS Ø 160



AIR EXCHANGE COMPONENTS - KIT FOR URC DOMO SMART Z/V

RECOVERY	DELIVERY	KIT CODE	KIT PRICE	EXTERNAL INTAKE / EJECTION						DELIVERY / RETURN					
				A	B	C	D	E	-	F	G	-	H	-	I
2	2	KITVMC1602M-2R		2	2	2	2	10	8	2	50	48	4	4	4
2	3	KITVMC1602M-3R		2	2	2	2	10	8	2	50	48	5	5	5
3	2	KITVMC1603M-2R		2	2	2	2	10	8	2	50	48	5	5	5
3	3	KITVMC1603M-3R		2	2	2	2	10	8	2	50	48	6	6	6
3	4	KITVMC1603M-4R		2	2	2	2	10	8	2	50	48	7	7	7
4	2	KITVMC1604M-2R		2	2	2	2	10	8	2	50	48	6	6	6
4	3	KITVMC1604M-3R		2	2	2	2	10	8	2	50	48	7	7	7
4	4	KITVMC1604M-4R		2	2	2	2	10	8	2	50	48	8	8	8
5	2	KITVMC1605M-2R		2	2	2	2	10	8	2	50	48	7	7	7
5	3	KITVMC1605M-3R		2	2	2	2	10	8	2	50	48	8	8	8
5	4	KITVMC1605M-4R		2	2	2	2	10	8	2	50	48	9	9	9
6	3	KITVMC1606M-3R		2	2	2	2	10	8	2	50	48	9	9	9
6	4	KITVMC1606M-4R		2	2	2	2	10	8	2	50	48	10	10	10
6	5	KITVMC1606M-5R		2	2	2	2	10	8	2	50	48	11	11	11

KIT FOR RECOVERY VERTICAL VERSION CONNECTIONS Ø 160



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NEW



DOWNLOAD PRICE UPDATE

DECENTRALIZED CMV - URCP

DECENTRALIZED CMV VERSION

High efficiency heat recovery unit up to 80%.

CHARACTERISTICS

- Structure in antistatic ABS plastic material and UV protection.
- Heat exchanger with regenerative operation with alternating flow.
- Brushless DC fan with electronic motor and modulating control, very high efficiency and low noise levels.
- Coarse filters with low pressure drop and easily removable (G3).
- Quick assembly with the included kit, consisting of telescopic pipe and foldable external grill.
- Two sizes available with different capacities.
- Temperature, humidity, light and VOC sensor.

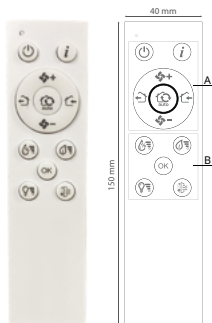
COMMAND IR

Version managed with remote control with infrared operation.

Selection of the ventilation speed regime and selection of the operating mode between supply only, extraction only or automatic cycle for heat recovery.

Selection of operation with sensor mode and automatic ventilation management.

Automatic cycle time management to optimize heat recovery efficiency.

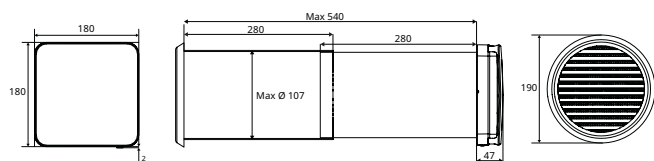


CODE	Range (m3/h) max-med-min	Pressure sound 1m dB(A) max-med-min	Class energy	Price/€
URCP02IR	24 - 12 - 8	28-26-23	A	651,00
URCP05IR	50 - 25 - 15	32-26-18	A	655,20

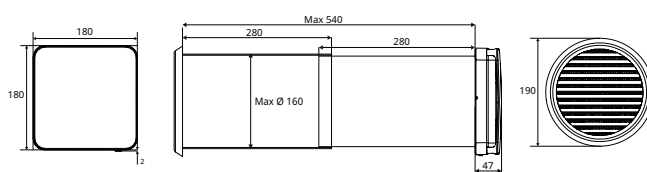
DIMENSIONAL DATA

DIMENSIONAL DATA VALID FOR ALL MODELS

URCP 02



URCP 05



follow Air Control srl

