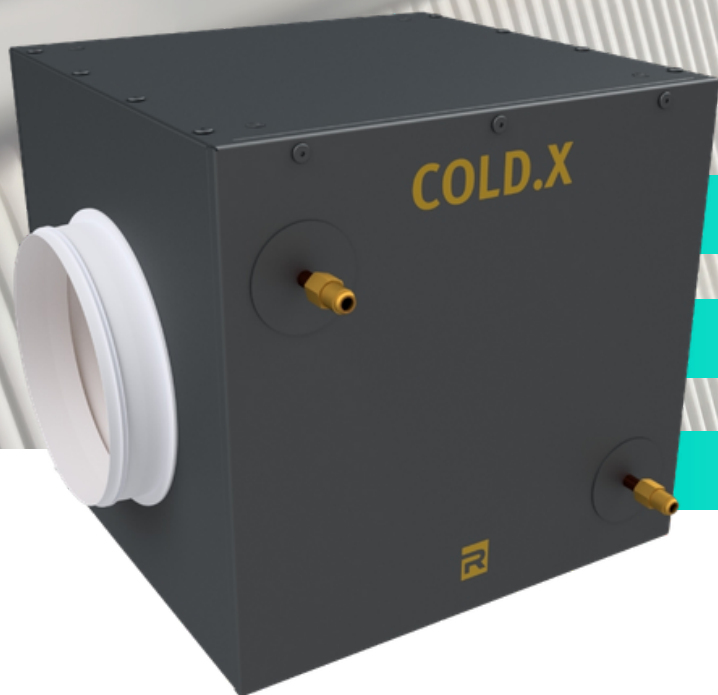




COLD.X



INSTANT COLD AIR

CREATING YOUR PERFECT INDOOR CLIMATE

BLOW FREE – HIGH COMFORT

COMFORT CREATOR

Keeping your home cool by cooling and dehumidifying the air going to dwelling. COLD.X is direct expansion duct cooler (condenser – heater) intended to be used with MVHR unit or standalone fan.

UNIVERSAL COMPATIBILITY

COLD.X can be used with all MVHR units up to 600m³/h and AC outdoor units of appropriate capacity and possibility of external control.

SIMPLE INSTALLATION

Large 200mm air connections with gaskets ensure simple installation and air-tight connections.

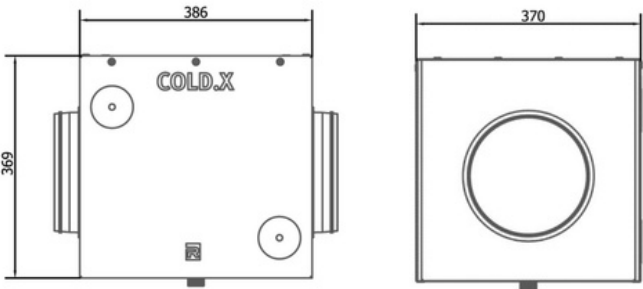
ROBUST DESIGN

Small and compact, painted metal housing with internal insulation and fixing points.

BLOW FREE

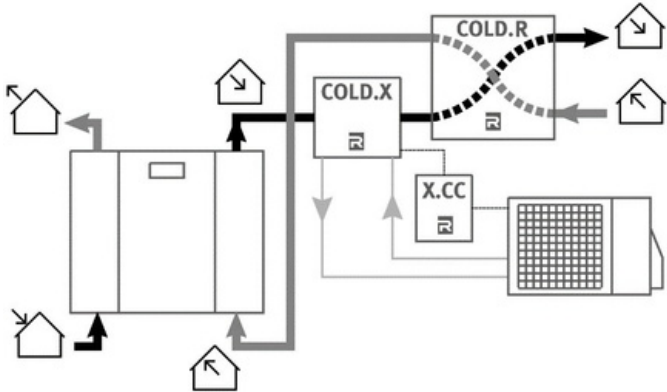
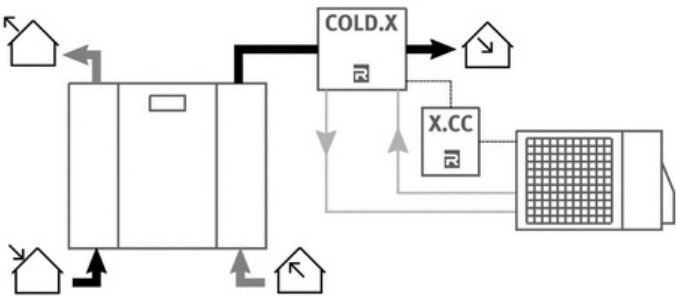
A ventilation duct system is used to distribute cold air into rooms in precise amounts. Due to the lower noise level and low air speed, this method provides a very comfortable climate compared to conventional air conditioning systems.

COLD.X is direct expansion type of heat exchanger intended for post cooling (post heating if used as condenser) in the MVHR system. COLD.X must be combined with split AC outdoor unit of suitable capacity with possibility of external control and smart control system ensuring good and reliable working. The installation is generally the same as typical split AC system. COLD.X can be standalone solution for cooling or be used in combination with radiant cooling to achieve more sensible power. The low temperature of the supply air means that distribution system must be insulated with closed cell insulation to prevent condensation forming on the outside of the ducts and elements of distribution system.



Weight	10kg
Air connections diameter	200mm
Piping connections	SAE1/4 & SAE3/8
Internal volume	0,7l
Condensate drain connections	DN32
Cooling power (600m³/h, IN 27°C/60%rh)*	3,2 kW
Heating power (600m³/h, IN 18°C/30%rh)*	3,5 kW
Min. airflow (depends on parameters of supply air)	~150m³/h
Max. airflow	600m³/h
Max. medium pressure	42 bar

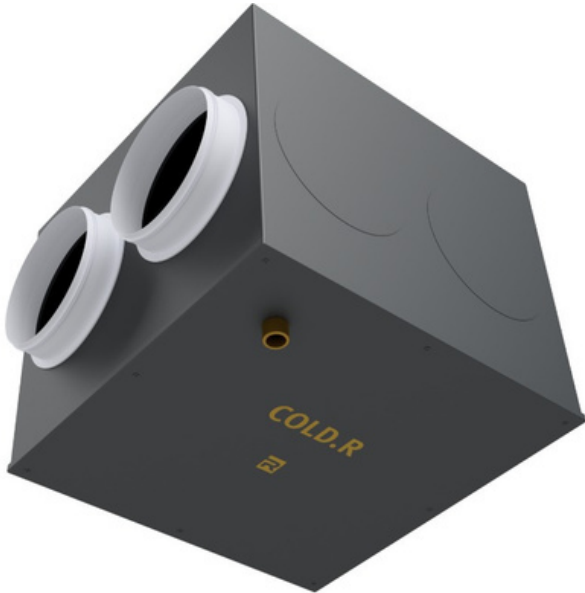
*Depends on the outdoor unit type.



COLD.R Accessory

COLD.R is air heat recovery exchanger used in case of existing MVHR installation, where supply distribution system cannot be insulated. COLD.R raises the leaving air temperature from COLD.X unit to around 20°C. This is normally above the wet bulb temperature of air inside the building and with that condensation forming on the outside of the ducts and elements of distribution system is prevented.

Dimensions	450x450x380mm
Weight	8kg
Air connections (diameter, every connection has two possible)	180mm
Condensate connection	DN32
Max. airflow	400m³/h



SALE / INSTALLATION /
SERVICE