

# inVISE Water

Invisible Air Conditioner

Heating Pump  
+  
Water fan coils  
  
A/A Class

## Without outdoor unit



**inVISE Water** is innovative mono block heating pump especially studied for total outdoor invisibility .

Is specially used for building where is necessary to respect building decorum , or in the down town , where local law prohibit outdoor condensing unit , and every where outdoor decorum is installation priority .

**inVISE Water** , is air conditioner without outdoor unit , studied to have maximum comfort all the season .

**inVISE Water** , is suggested for temperate and cold climate area , can work well supplying good heating performance in heating pump mode and connected to the gas boiler instead traditional radiator .

Because no need gas connection , this machine should be a good solution for professional installer to solve specific problem and also for not qualified installer because no need license of the refrigeration to install it .

**inVISE Water The invisible air conditioner.**

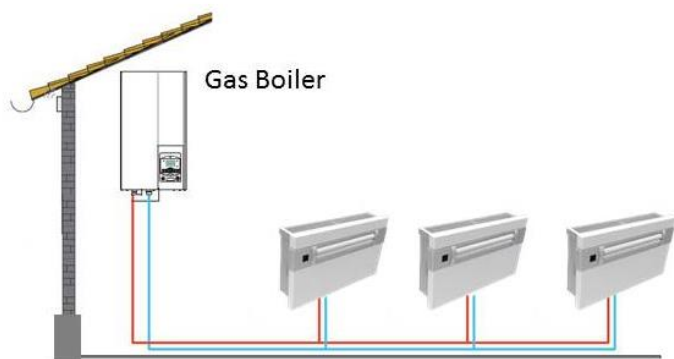


### Replace Traditional radiator

inVISE Water is especially suggested to replace traditional static radiator with two product in one, water fan coils connected to the gas boiler and heating pump without outdoor unit with invisible installation kit.

### Three product in one

inVISE Water is package heating pump without outdoor unit plus additional water exchanger connected to the traditional boiler.



### Energy saving all season

- A class Air conditioner in summer
- A Class Heating pump during middle season.
- Gas Boiler performance with high efficiency fan coils during strong winter.

Machine work range from – 20 °C to 52 °C outdoor

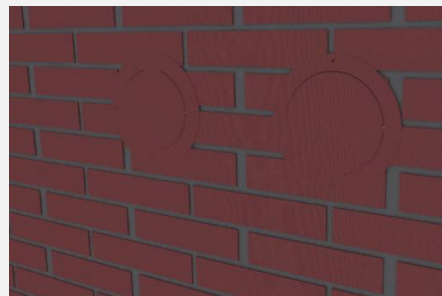
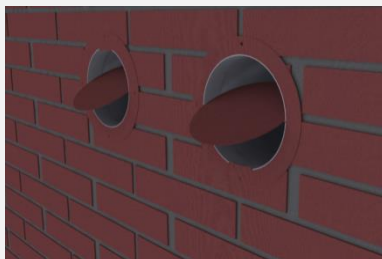


#### Flexible outdoor grill

inVISE has flexible outdoor grill , for easy installation from inside room . This is useful for installation where outdoor access is denied

#### Invisible outdoor grill

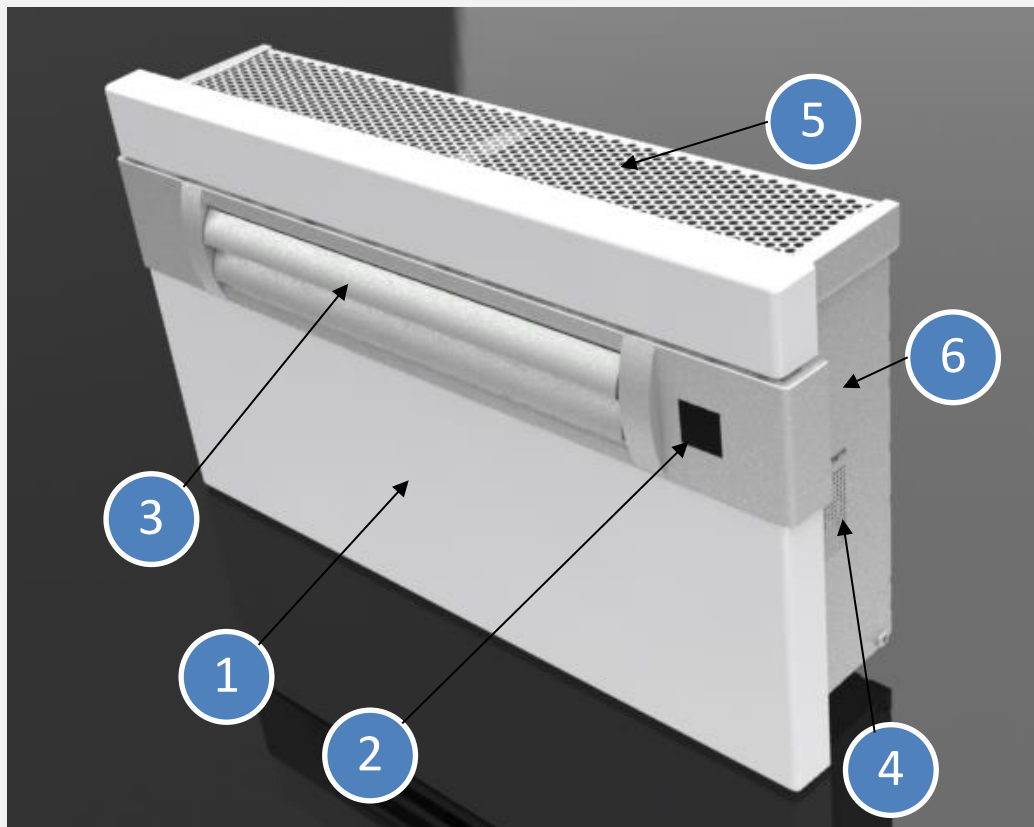
Optional we can supply invisible outdoor grill , the installer can paint with wall color to make it totally invisible.



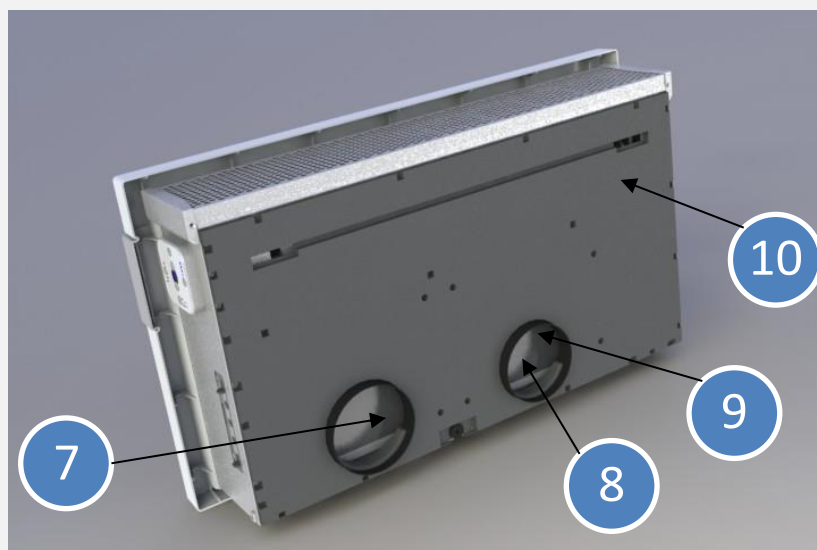
#### Easy and fast installation

inVISE no need license of the refrigeration to be installed . Is necessary to drill with specific tooling , two holes , 160 mm diameter in the wall . To see video installation see below link :

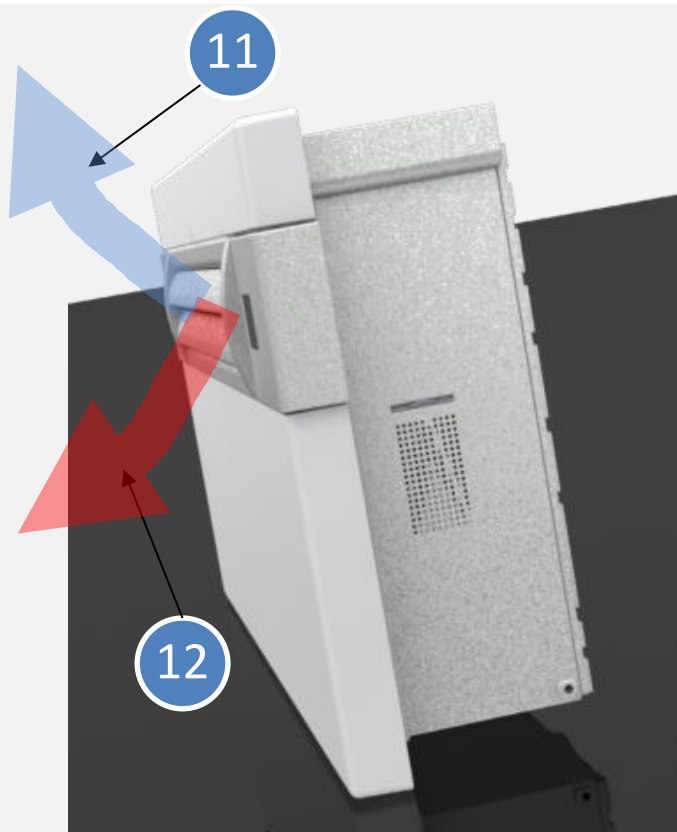
<http://www.youtube.com/watch?v=BRoRoQZD5cE>



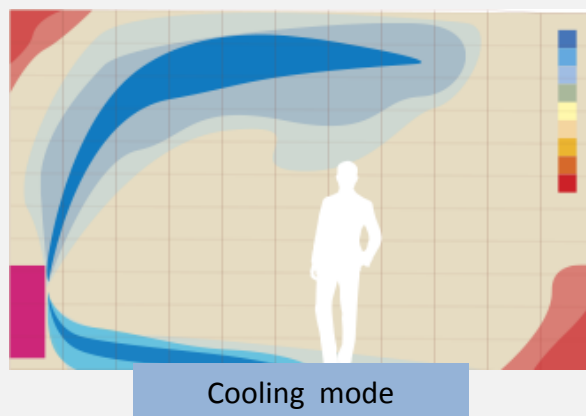
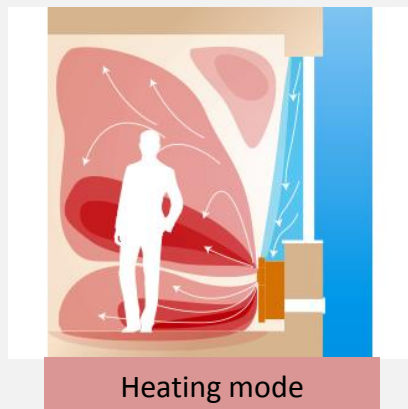
1. Frontal panel in solid ABS painted
2. Temperature display
3. Adjustable double flap and outlet indoor air
4. Air fresh intake with recovery system
5. Inlet air , filter , carbon filter
6. Solid structure in galvanized painted steel



7. Inlet air
8. Outlet air
9. EPP structure to adsorb vibration , noise and max durability for no corrosion and no rust
10. Anti-vibration sponge



11. Air flux direction in cooling mode  
12. Air flux direction in heating mode



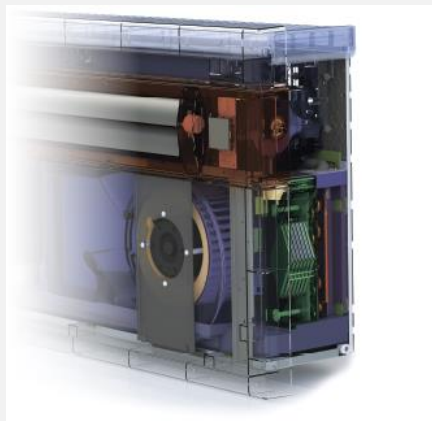
### Remote control

Easy and intuitive remote control for access to machine function

7

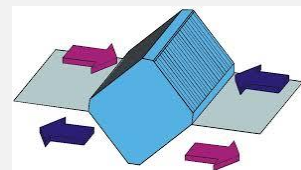
8





#### Optional Air Fresh intake with 70 % heat recover

The machine supply to the room 40 m<sup>3</sup>/h of fresh air . This function is specially appreciate for hotel guest room to reduce CO<sub>2</sub> . With special heat recover no energy lost for this function



#### Standard Air Fresh intake

Standard device is air fresh intake , can supply 40 m<sup>3</sup>/h of fresh air . This function reduce CO<sub>2</sub> inside room .



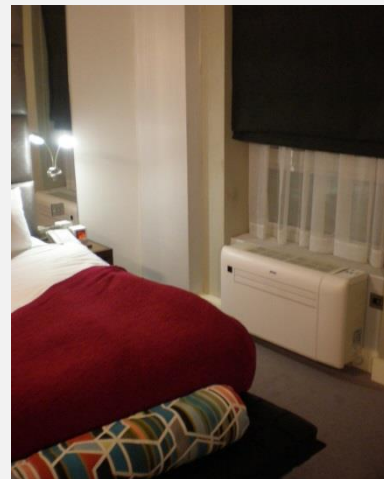
#### Water connection for additional water exchanger

To connect water exchanger is easy , there are two female nut 3/4 gas where connect copper pipe coming from old radiator connection . With this exchanger fan assisted , is specially **suggested when replace old boiler with new one or with condensation gas boiler** working with low water temperature and traditional radiator isn't appropriate again .

# inVISE<sup>Water</sup>

Invisible Air Conditioner

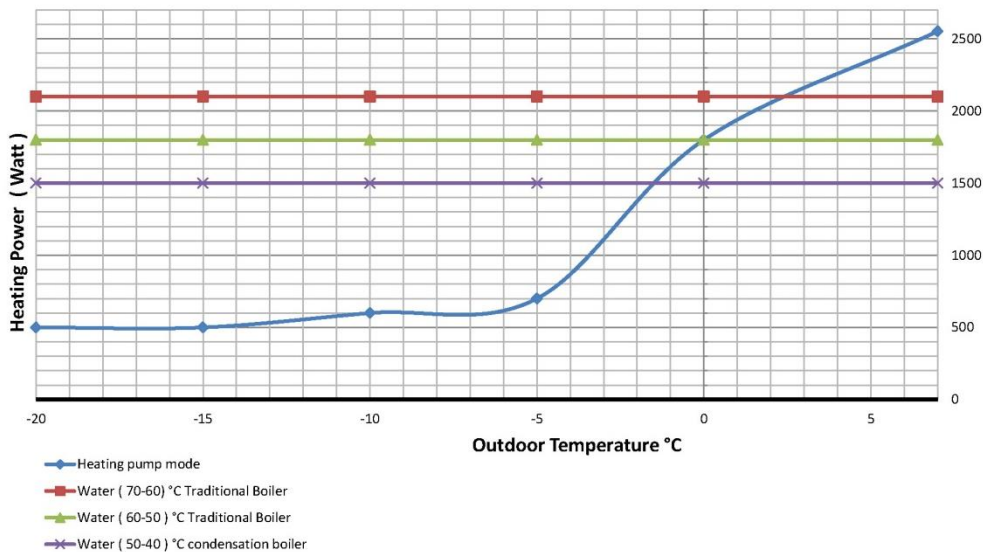
A / A Class



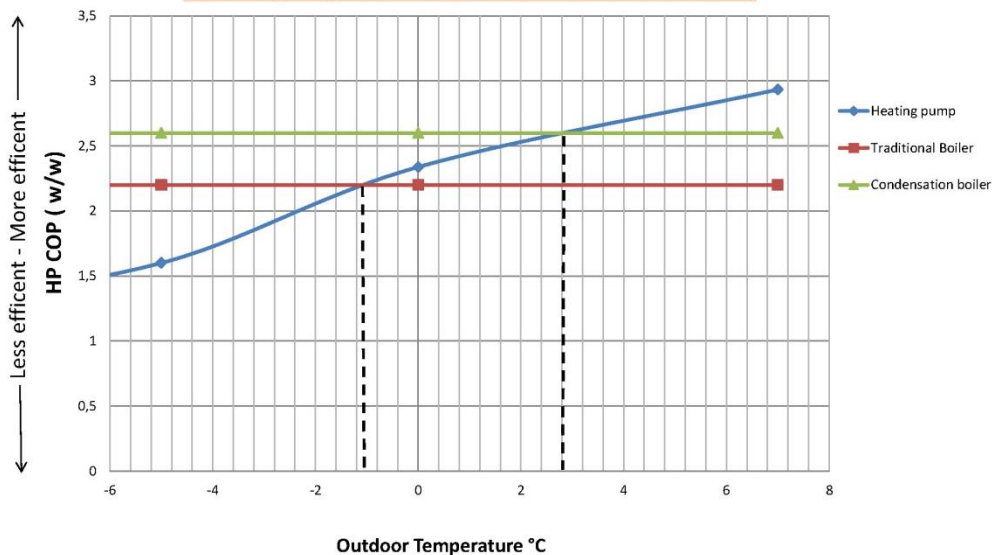
**ZYMBO ITALIA** , Via G. Zadei n°52 , 25015 Desenzano Del Garda ( Brescia ) , Italy

Office : (+39) 030-9127710 Mobile : (+39) 3357721546 Sales Office Mail : [technical.consultant@zymbo.eu](mailto:technical.consultant@zymbo.eu) [www.zymbo.eu](http://www.zymbo.eu)

#### Heating performance inVISE Water ( 20 °C Indoor )



#### Break Even Point ( Heating pump - traditional boiler - condensation boiler )



### Dimension

### inVISE Water

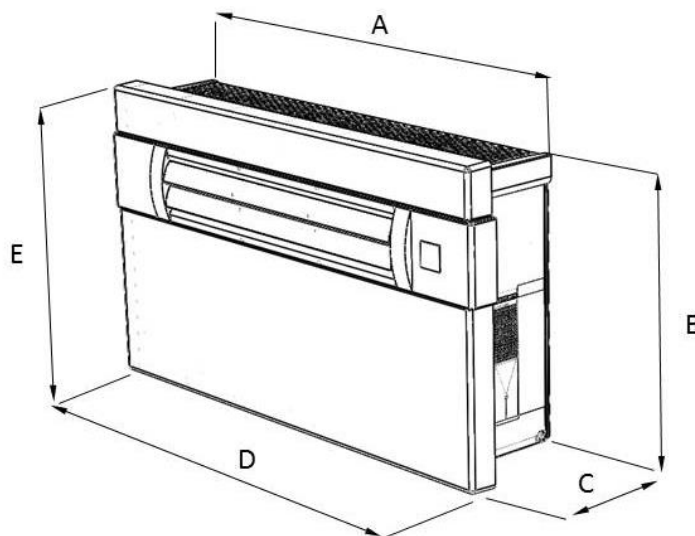
|                     |      |
|---------------------|------|
| Dimension A ( mm )  | 900  |
| Dimension B ( mm )  | 500  |
| Dimension C ( mm )  | 230  |
| Dimension D ( mm )  | 1000 |
| Dimension E ( mm )  | 580  |
| Net weight ( Kg )   | 41   |
| Gross weight ( Kg ) | 46   |

**inVISE 25 the best solution for old house , for soft renovation house to increase one House energy class .**

Thanks to HP device and recovery system , this machine is especially studied for house renovation where EPS insulating is fixed inside ( down town –historical building ) .

Recovery system reduce moisture problem on the wall , and supply energy saving all the season .

Thanks additional water exchanger , is the perfect match also with new condensation boiler to replace traditional radiator .



**inVISE water , invisible Heating Pump**



#### Technical Data

#### inVISE Water

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| COOLING CAPACITY ( WATT )               | 2,632W                            |
| HEATING CAPACITY ( WATT )               | 2,730W                            |
| ADDITIONAL WATER EXCHANGER ( WATT )     | 2100 W                            |
| INPUT WATT ( Cooling/Heating )          | 981/880                           |
| EER CLASS (W/W)                         | 2,67 (A)                          |
| COP CLASS (W/W)                         | 3,10 (A)                          |
| ROOM AIR VOLUME ( QM/h)                 | 400                               |
| FAN SPEED SETTING                       | 3+AUTO                            |
| DEHUMIDIFICTION CAPACITY ( LITRES / H ) | 0,68                              |
| NOISE LEVEL INDOOR ( dB / A )           | 37-40-46                          |
| NOISE LEVEL OUTDOOR ( dB / A )          | 43                                |
| POWER SUPPLY                            | 230V/50Hz, 115/60Hz,<br>220V/60Hz |
| REFRIGERANT TYPE                        | R410-a                            |
| DIMENSIONS WIDTH*HEIGHT*DEPTH ( mm )    | 1000*580*230                      |
| PACKINGS WIDTH*HEIGHT*DEPTH ( mm )      | 1235*660*342                      |
| WEIGHT (NET/GROSS) ( Kg )               | 41/46                             |
| WALL HOLE DIAMETER                      | 162 mm                            |
| CERTIFICATION                           | CE-TUV                            |

#### Conform to Erp 2014

Testing criteria Indoor T°C and Outdoor T°

Cooling (1) DB 27°C - WB 19°C DB 35°C - WB 24°C

Heating (2) DB 20°C - WB 15°C DB 7°C - WB 6°C

Water Performance – Indoor T°C DB 20°C - WB 15°C DB / Water 70 °C IN and 60 °C Out for different water T°  
see performance graph in the other page .

Important Note : Manufacturer can change Technical information and data to improve product without notice

#### Technical Data

#### inVISE Water

| FUNCTIONS                                                       |                    |
|-----------------------------------------------------------------|--------------------|
| COOLING                                                         | YES                |
| HEATING PUMP                                                    | YES                |
| HEATING MODE WITH GAS BOILER                                    | YES                |
| DHEUMIFIER                                                      | YES                |
| TIMER                                                           | YES                |
| <b>AUTO-RESTART</b>                                             | YES                |
| <b>INTELLIGENT MODE</b>                                         | YES                |
| REMOTE CONTROL                                                  | YES                |
| DISPLAY FUNCTION ON BOARD                                       | YES                |
| ACTIVE CARBON FILTER/CATALYTIC FILTER                           | Optional           |
| FRESH AIR EXCHANGE with Heat Recover                            | YES                |
| WATER DISCHARGE FROM BIG PIPE COOLING MODE                      | YES                |
| WATER DISCHARGE FROM BIG PIPE HP MODE                           | YES                |
| ACCESSORY KIT                                                   |                    |
| PIPES                                                           | TWO PIECES 500 mm  |
| PAPER INSTALLATION MAP TEMPLATE                                 | YES                |
| EXTERNAL Flexible GRILLE                                        | TWO PIECES         |
| EXTERNAL Invisible GRILLE                                       | Accessory Optional |
| DRAINAGE WATER PIPE                                             | YES                |
| EXTENSION WATER PIPE                                            | YES                |
| INSTRUCTION INSTALLATION MANUAL                                 | YES                |
| CONTAINER LOADING ( 20'/40'GP/40'HC ),<br><b>palletizing</b>    | 84/180/180         |
| CONTAINER LOADING ( 20'/40'GP/40'HC ),<br><b>NO palletizing</b> | 84/180/240         |

ZYMBO ITALIA

## **ZYMBO ITALIA**

Via G. Zadei n°52  
25015 Desenzano Del Garda ( Brescia ) - Italy

Tel : (+39 ) 030-9127710  
Mobile : ( +39 ) 335-7721546  
E-mail : [technical.consultant@zymbo.eu](mailto:technical.consultant@zymbo.eu)  
Web : [www.zymbo.eu](http://www.zymbo.eu)

P.IVA 02487180123  
REA 482503