

# Oval Piping



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Year 2025

Technical Sheet  
[generaldaspirazione.com](http://generaldaspirazione.com)





Deep Hygiene



Silent



Safe



Eco Friendly



Practical



Versatile

# Oval Piping.

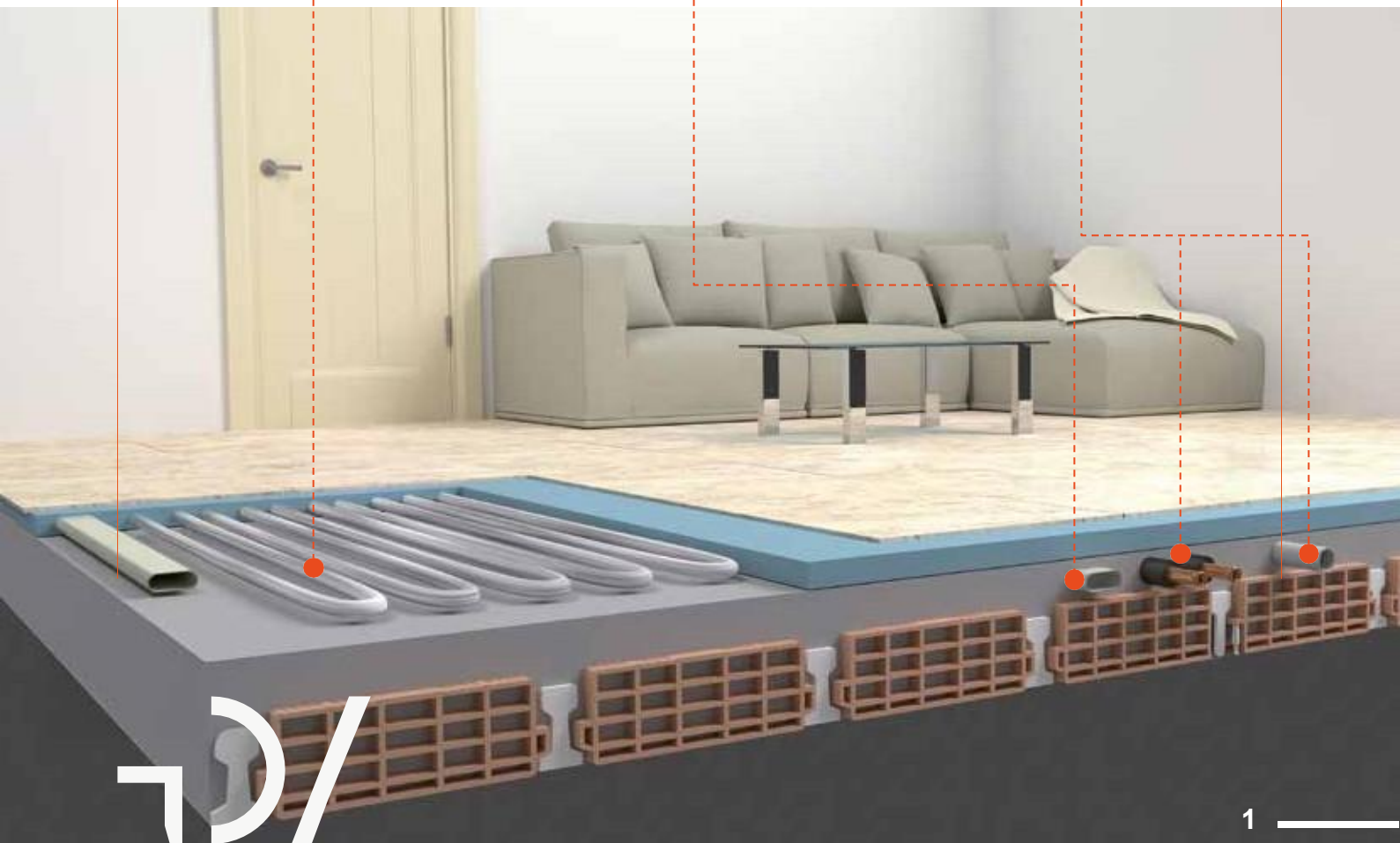
Ideal for situations with limited installation heights

The products of the Oval Line are an exclusive by General D'Aspirazione.

Underfloor  
heating

Oval Pipe  
h 24 mm

Hydraulic  
and electrical systems



## Oval Piping.

**Ideal for situations with limited installation heights**

Thanks to the reduced height of the pipe - only 24 mm - it is possible to install a system in environments where this was previously unthinkable, while maintaining the suction power and efficiency of the system.



Socket frame  
Ovale pipe.



Adapter oval/rounded  
section 90°



90° elbow Oval pipe FF



45° elbow Oval pipe FF

# Oval Piping.

**Ideal for situations with limited installation heights**

The Oval Piping system facilitates installation in locations where the standard 50 mm diameter pipe cannot be used. It is ideal in renovations where underfloor heating is present, in prefabricated wooden houses, and in cases of plasterboard walls with internal soundproofing material.

Like the classic  $\varnothing$  50 mm line, the Oval Line can be installed in the floor, wall, and ceiling. Mixed systems (both round and oval piping) can also be implemented where necessary.

Where installation beneath the underfloor heating system is not possible, the oval piping can be installed along the perimeters.



45° Wye FF Oval series



Oval  
pipe sleeve



Oval pipe thickness  
24 mm



## Oval Piping.

### Installation example

Floor-level line with oval piping and transition to D.50 piping for the riser up to connection with the central vacuum unit.



# Oval Piping.

## Installation example

To ensure correct installation, it is necessary to comply with the criteria indicated in the table and to pair the system with the appropriate vacuum unit.

Vacuum unit power	Maximum distance between the vacuum unit and the furthest inlet	Maximum number of 90° angular bends (in each line from the central unit to each inlet)
1250 W	1250 W	1250 W
1450 W	1450 W	1450 W



Example of ducting with Oval Line



Example of wall riser to upper floor

**Note:** use 90° angular bends only for rising to the inlet fitting or to the upper floor.



ø 50 mm line on the floor and riser to inlets

This solution is particularly suitable for installation in plasterboard walls thanks to the reduced thickness of only 24 mm for the piping and a total of 55 mm for the inlet fitting.



WORK



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