

128-360

1" x 28 mm heat pump hoses



altecnic

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Introduction

The Altecnic 128-360 hoses are specifically designed for use with heat pumps.

The flexible hoses allow for easy connection between the heat pump and associated equipment whilst reducing vibration to the pipework.

The hoses are supplied with thick weatherproof insulation to reduce heat losses.

The hoses are supplied in pairs.

Construction Details

The hoses have a swivel connection on the heat pump end and a compression joint to connect to the pipework inside or outside of the building.

Threaded connections to BS EN ISO 228-1

Compression ends complying with BS EN 1252-2 for use with R250 (half hard) copper tube.

Product Range

| Ref No | Body Style | Connection Union | Connection Compression |
|----------|------------|-----------------------------|------------------------|
| 128-3601 | Straight | 1" female | Ø28 |
| 128-3602 | Angled | 1" female | Ø28 |
| 128-3603 | Straight | 1" female | Ø28 |
| 128-3604 | Angled | 1" female | Ø28 |
| 128-3605 | Straight | 1" female | Ø28 |
| 128-3606 | Angled | 1" female </td <td>Ø28</td> | Ø28 |

Technical Specification

| | |
|-------------------|-----------------|
| Nominal Size: | DN25 |
| Max. pressure: | 10 bar |
| Max. temperature: | 90°C |
| Threaded ends: | BS EN ISO 228-1 |
| Compression ends: | BS EN 1252-2 |

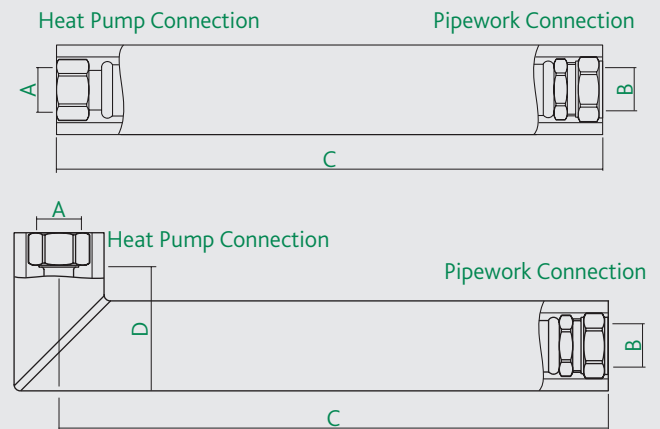
Materials

| | |
|------------------|-----------------|
| Flexible hose: | Stainless steel |
| Crimped sleeve: | Stainless steel |
| End connections: | Stainless steel |
| Nut and olive: | Brass |
| Liner: | EPDM |

Insulation

| | |
|------------------------------------|--|
| Aeroflex HF | |
| Inside diameter: | 35 |
| Outside diameter: | 73 |
| Thickness: | 19 |
| Temperature range: | -50 °C to 125 °C |
| Thermal conductivity | EN ISO 8497 λ 40 °C \leq 0.040 W/(m·K) |
| Reaction to fire: | BS EN 13501 Class 1 |
| Water vapour diffusion resistance: | EN 13469 μ \geq 3000 |
| UV resistance: | UV Resistant |

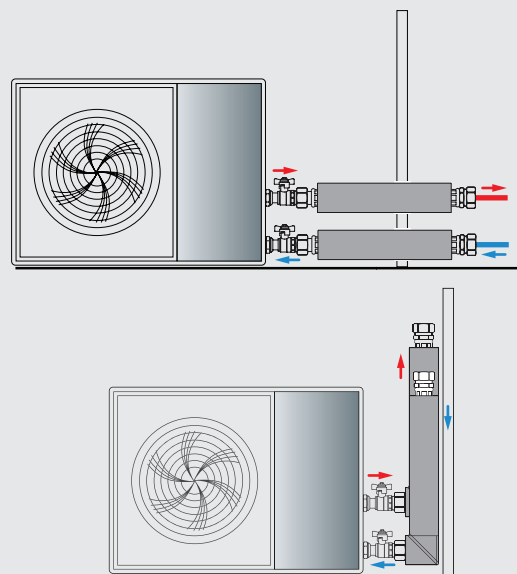
Dimensions



| Ref No | A | ØB | C | D |
|----------|----|----|-----|-------|
| 128-3601 | G1 | 28 | 750 | |
| 128-3602 | G1 | 28 | 750 | 117.5 |
| 128-3603 | G1 | 28 | 500 | |
| 128-3604 | G1 | 28 | 500 | 117.5 |
| 128-3605 | G1 | 28 | 300 | |
| 128-3606 | G1 | 28 | 300 | 117.5 |

Typical Installations

It is recommended that isolation valves (not supplied) are fitted to the flow and return connections of the heat pump for ease of maintenance



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