



## 128-36

### 1 1/4" x 35mm heat pump hoses

SD 124 29-08-2024

#### Application

The Altecnic 128-36 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 Codes

128-3607	1 1/4F x 35mm HP hose 750mm straight
128-3608	1 1/4F x 35mm HP hose 750mm angled
128-3609	1 1/4F x 35mm HP hose 500mm straight
128-3610	1 1/4F x 35mm HP hose 500mm angled
128-3611	1 1/4F x 35mm HP hose 300mm straight
128-3612	1 1/4F x 35mm HP hose 300mm angled

#### Technical Specification

Nominal Size:	DN32
Max. pressure:	10 bar
Max. temperature:	90°C
Threaded ends:	BS EN ISO 228-1
Compression ends:	BS EN 1252-2

#### Construction Details

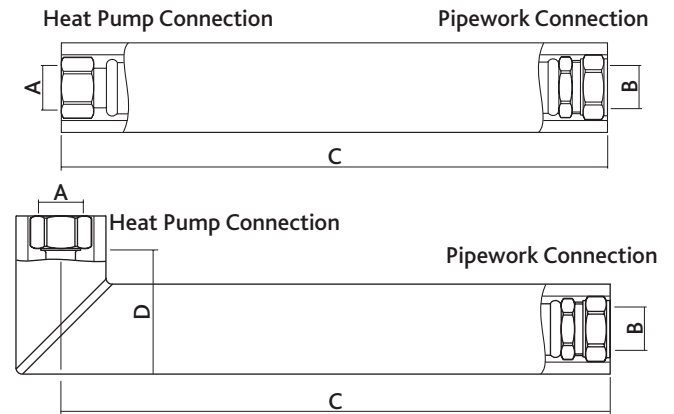
##### Materials

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

##### Insulation

Aeroflex HF	
Inside diameter:	41
Outside diameter:	79
Thickness:	19
Temperature range:	-50 °C to 125 °C
Thermal conductivity	EN ISO 8497 λ 40°C ≤ 0.040 W/(m·K)
Reaction to fire:	BS EN 13501 Class 1
Water vapour diffusion resistance:	EN 1 3469 μ ≥ 3000
UV resistance:	UV Resistant

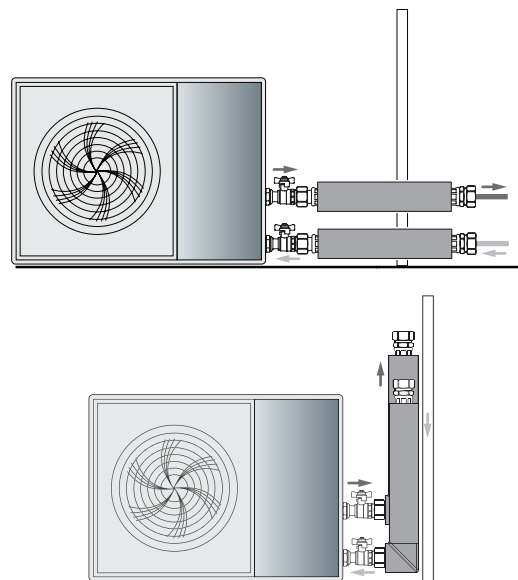
#### Dimensions



Ref No	A	ØB	C	D
128-3607	G1 1/4	35	750	
128-3608	G1 1/4	35	750	117.5
128-3609	G1 1/4	35	500	
128-3610	G1 1/4	35	500	117.5
128-3611	G1 1/4	35	300	
128-3612	G1 1/4	35	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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