

  
**Clim**<sup>®</sup>



*Global insulation  
accessories provider*

 **Climatech**  
INTERNATIONAL

 **INSULATION  
COMPONENTS**

## SOLUTION PROVIDER FOR INSULATION ACCESSORIES



Having constantly invested over the years, we are now able to offer a complete solution to our clients through:

- Our partner for USA : [Insulation Components, Inc.](#)
- A large range of products, manufactured in our facilities in Belgium and Spain or produced with partners sharing our vision and values
- High stock of finished products
- Dispatch within 48 hours when in stock

### Trade mark and certifications

With the aim of helping Engineers, Entrepreneurs and End Users to choose the best products, created and selected by Climatech for their quality, we have not only developed our own brand name CLIM® but also obtained many certifications. Furthermore, Climatech is a member of several organizations.



## CLIMATECH TODAY :



40 years old



49 employees



+5000 references



70+ countries

# OUR RANGE OF ACCESSORIES



## ANTIVIBRATION & DUCT CONNECTORS

Climatech produces in Belgium the widest range of flexible connectors, rubber and metal anti-vibration mounts and dampers. It will ensure the correct stability of the ventilation and air conditioning units.



## INSULATION FASTENERS & TOOLS

Climatech is the largest European specialist in the production of fixing elements for the insulation of ventilation ducts; we have several kinds of welding products and machinery, as well as a very special section for cladding accessories.



## AIR REGULATION & DIFFUSION

Climatech has a complete range of steel and plastic valves, air intakes and outlets, as well as accessories for the manufacture of dampers for air regulation. More technical products such as IRIS dampers and motorized dampers are also within our range of products.



## DUCT ACCESS, SUPPORTS & FIXINGS

In this section you will find everything you need for proper ventilation installation, from the basic bolts, nuts and screws to the most professional platform and supports for installation and the completion of the ventilation equipment.



## FLEXIBLE DUCTS

With our italian and spanish subsidiaries, we offer the widest range of flexible ventilation ducts, with over 10 different and certified models for each required application.



# INSULATION FASTENERS & TOOLS



# INSULATION FASTENERS & TOOLS

When fixing insulation boards, sheets, lagging, blocks, mattresses, blankets, quilts, etc. it is very important that good mechanical joint is made, with the surface to be insulated. Sometimes glue is used but there is a risk that the insulation media will delaminate and the resulting damage will reduce its effectiveness or cause condensation. Consequently fastening systems, which cater for various thicknesses and give a proper mechanical interaction between the insulated surface and the external face of the insulation, are essential.

These more desirable systems normally consist of pins, which pass through the insulation media and are fixed to the insulated surface by welding, rivetting, or by adhesives. Usually, the insulation is held in place by fastening clip or locking washer. This washer is of sufficient diameter to give a strong joint and to provide a bearing surface to spread the load so as not to damage the vapor barrier or retardant.

Whichever mechanical system is used, it is important that they are positioned for best effect. Around the edges of the insulation where the risk of delamination is more likely, there should be more fixings. Other fixings should be distributed uniformly over the rest of the surface to comply with standards or to meet manufacturers recommendations or guidelines.

The Clim range of mechanical insulation fastening systems from Climatech offers the standard types to suit whichever application you prefer.



# Insulation Fasteners & Tools

## SC-NC - Self-adhesive hangers / Self-stick pins without washers

- Base plate: galvanized steel with self-adhesive tape
- Nail : low carbon steel  
Diameter : 12 Ga (0.105")  
«ZnP» galvanized  
«CuW» copper coated
- Locking washers sold separately
- Many sizes available, ranging from 3/4" to 16"



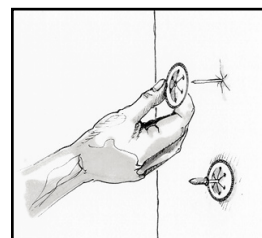
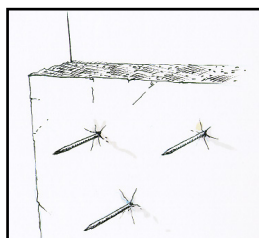
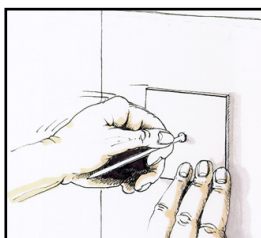
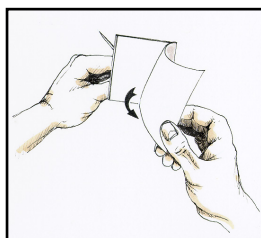
### 500 or 100 pack - sold per carton

Code	Description	Length	Material	Ctn. Qty.	
212325	SC-NC-32B	1 1/4"	ZnP	500	
212425	SC-NC-42B	1 5/8"	ZnP	500	
212515	SC-NC-51B	2"	ZnP	500	
212635	SC-NC-63B	2 1/2"	ZnP	500	
212765	SC-NC-76B	3"	CuW	500	
212895	SC-NC-89B	3 1/2"	CuW	500	
213145	SC-NC-114B	4 1/2"	CuW	500	
213651	SC-NC-165C	6 1/2"	CuW	100	
214031	SC-NC-203C	8"	CuW	100	
214100	SC-NC-210C	8 1/4"	CuW	100	

### 1000 pack - 100 pack/Box - sold per carton of 10 Boxes

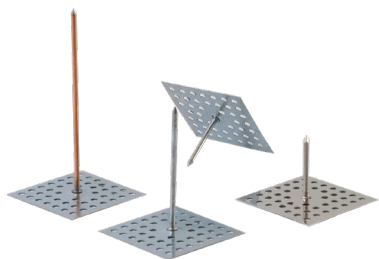
Code	Description	Length	Material	Ctn. Qty.	
212426	SC-NC-42W	1 5/8"	ZnP	1000	
212516	SC-NC-51W	2"	ZnP	1000	
212636	SC-NC-63W	2 1/2"	ZnP	1000	

### Application :



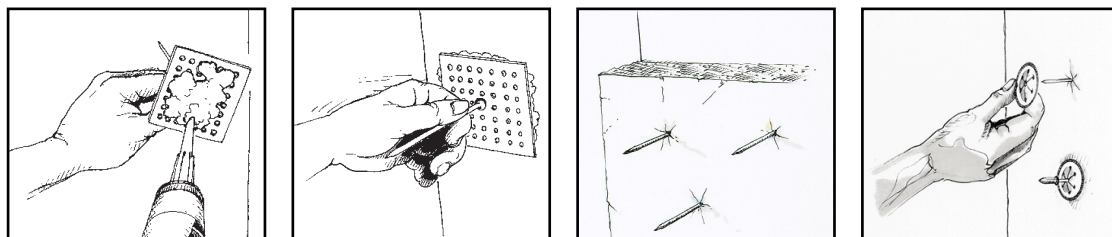
## GSP-NC - Perforated base hangers without washers

- Base plate: perforated galvanized steel
- Nail : low carbon steel  
Diameter : 12 Ga (0.105")  
«ZnP» galvanized  
«CuW» copper coated
- Locking washers sold separately
- Many sizes available, ranging from 3/4" to 16"



Code	Description	Length	Material	Ctn. Qty.	
228425	GSP-NC-42B	1 5/8"	ZnP	500	
228515	GSP-NC-51B	2"	ZnP	500	
228635	GSP-NC-63B	2 1/2"	ZnP	500	
228765	GSP-NC-76B	3"	CuW	500	
228895	GSP-NC-89B	3 1/2"	CuW	500	
229145	GSP-NC-114B	4 1/2"	CuW	500	

### Application :



## CL / CAP / W-PCAP-Z - Washers & Caps

- **CL** : round self-locking washers for hangers :  
«ZnP» galvanized steel  
«Inox 304» stainless steel 304  
«Inox 316» stainless steel 316
- **SW** : square self-locking washers for hangers
- **CAP** : aluminum or stainless steel dome cap  
with stainless steel insert spring washer
- **NSC** : protective polyethylene caps

Code	Description	Diameter (mm)	Material	Per carton	
201033	CL 27-30	1 3/16"	ZnP	x1000	
201034	SW-27-32	1 1/4" x 1 3/16"	ZnP	x1000	
201043	CL 27-40	1 1/2"	ZnP	x500	
201064	SW-27-62	2 1/2" x 2 1/2"	ZnP	x1000	
201833	CL 27-30-SS	1 3/16"	Inox 304	x1000	
201934	CL 27-40-SS	1 1/2"	Inox 304	x500	
201994	CL-SS 316-27-40	1 1/2"	Inox 316	x500	
201707	CAP-27-ALU	7/8"	ALU	x1000	
201727	CAP-27-SS	7/8"	Inox 304	x1000	
202143	W-PCAP-Z-27-40	1 1/2"	ZnP+Plastic	x1000	
201127	NSC-27		Plastic	x1000	





# Insulation Fasteners & Tools

## F-100 - Cordless Stud Welder

- Capacitor discharge stud welder  
Suitable for cup head welding pins CDF3-PAP
- Supplied in a strong red plastic case
- Charging station and two Makita 18V batteries included, short battery recharge time
- User is no longer «tied to an electrical outlet»



\*Welding gun type may vary based on destination country



**WELD TIP F100**  
(included with the machine)



**COLLETS**  
(sold separately)



### PORTABLE

≈13 lbs + cables :  
Easily used at the  
shop or on the job  
site



### LOCAL

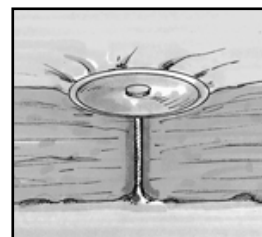
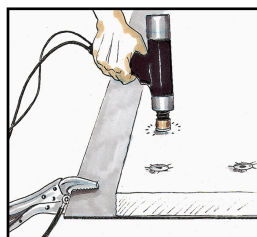
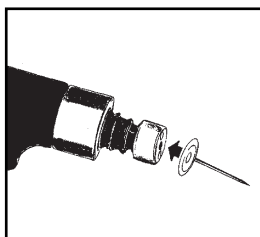
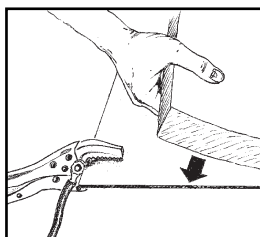
Assembled in the  
USA



### AVAILABLE

Stock available  
for immediate  
shipping

## Application :





## CDF3-PAP - Cup head welding pins



- Head diameter : 1<sup>3/16</sup>"
- Low carbon steel copper plated nail (CuW) : Diameter : 12 Ga (0.105")
- To be used with our stud welder F-100 Cordless
- Many sizes available ranging from 1/2" to 6"

Code	Description	Length	Material	Ctn. Qty.	
246619	CDF3-PAP-19 CuW	3/4"	CuW	1000	
246622	CDF3-PAP-22 CuW	7/8"	CuW	1000	
246625	CDF3-PAP-25 CuW	1"	CuW	1000	
246628	CDF3-PAP-28 CuW	1 1/8"	CuW	1000	
246632	CDF3-PAP-32 CuW	1 1/4"	CuW	1000	
246635	CDF3-PAP-35 CuW	1 3/8"	CuW	1000	
246638	CDF3-PAP-38 CuW	1 1/2"	CuW	1000	
246642	CDF3-PAP-42 CuW	1 5/8"	CuW	1000	
246648	CDF3-PAP-48 CuW	1 7/8"	CuW	1000	
246652	CDF3-PAP-52 CuW	2"	CuW	1000	
246658	CDF3-PAP-58 CuW	2 1/4"	CuW	1000	
246662	CDF3-PAP-62 CuW	2 1/2"	CuW	1000	
246668	CDF3-PAP-68 CuW	2 5/8"	CuW	1000	
246672	CDF3-PAP-72 CuW	2 7/8"	CuW	1000	
246698	CDF3-PAP-98 CuW	3 7/8"	CuW	1000	
246723	CDF3-PAP-123 CuW	4 7/8"	CuW	1000	
246750	CDF3-PAP-150 CuW	5 7/8"	CuW	1000	



# Insulation Fasteners & Tools

## QUIL & CAL - Lacing anchors and quilting pins

- Lacing anchors head diameter : 7/8 x 1"
- Quilting pins head diameter : 1<sup>3/16</sup>"
- Stainless 304 or galvanized steel
- Nail diameter : 14 Ga (0.080") and 12 Ga (0.105")
- Pins length : 2 1/2" and 4 1/2"; Other lengths on request



**CAL**



**QUIL**

Code	Description	Length	Material	Ctn. Qty.	
521110	CAL-20-63-SS	2 1/2"	Inox 304	1000	
521120	CAL-20-114-SS	4 1/2"	Inox 304	1000	
521210	CAL-27-63-SS	2 1/2"	Inox 304	1000	
521220	CAL-27-114-SS	4 1/2"	Inox 304	1000	
521310	CAL-20-63-ZnP	2 1/2"	ZnP	1000	
521320	CAL-20-114-ZnP	4 1/2"	ZnP	1000	
523110	QUIL-20-63-SS	2 1/2"	Inox 304	1000	
523120	QUIL-20-114-SS	4 1/2"	Inox 304	1000	
523210	QUIL-27-63-SS	2 1/2"	Inox 304	1000	
523220	QUIL-27-114-SS	4 1/2"	Inox 304	1000	
523310	QUIL-20-63-ZnP	2 1/2"	ZnP	1000	
523320	QUIL-20-114-ZnP	4 1/2"	ZnP	1000	

\*Additional sizes available on request

## FDF - Resistance Cup Head welding pins

- Head diameter : 1"
- Low carbon steel Galvanized (ZnP) nail : Diameter 10 Ga (0.135")
- To be used with resistance welding machine
- Other sizes available on request



Code	Description	Length	Material	Ctn. Qty.	
243012	FDF2-12	1/2"	ZnP	1000	
243019	FDF2-19	3/4"	ZnP	1000	
243026	FDF2-26	1"	ZnP	1000	
243028	FDF2-28	1 1/8"	ZnP	1000	
243032	FDF2-32	1 1/4"	ZnP	1000	
243042	FDF2-42	1 5/8"	ZnP	1000	
243051	FDF2-51	2 "	ZnP	1000	

# Available on request

**BLACK-CDF-PAP**



Black weldfasteners

**INSULSCREW**



Galvanized steel spiral screws

**QUIL & CAL**



Lacing anchors and quilting pins

**BH**



Blanket hooks

**SS-FS & SS-MS**



Springs

**TG**



Toggle latches

**VDK-SS**

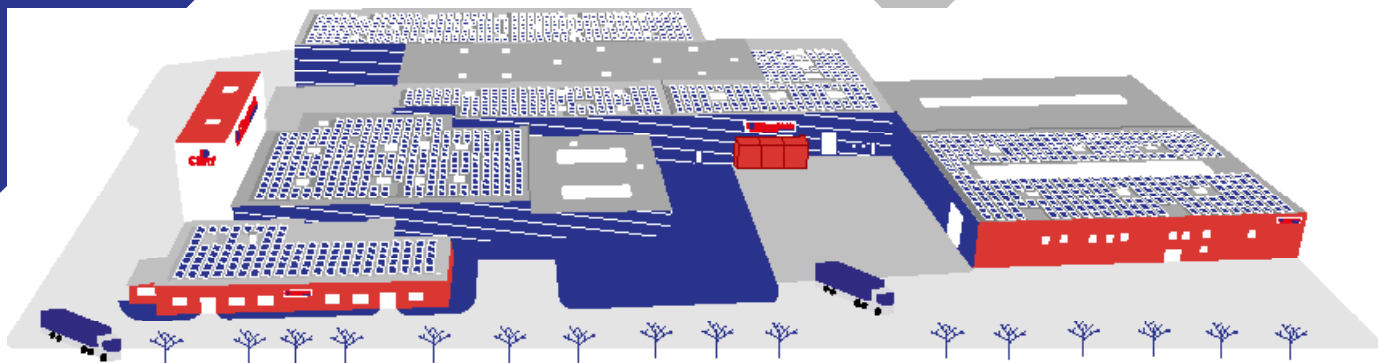


Stainless steel screws

**MO / ZT / ZA**



Temporary fasteners



## DUCT AND FIXING ACCESSORIES MANUFACTURER

### Our vision

Contribute to a better satisfaction of international HVAC stakeholders.

### Our mission

Through strong personal long term relationships, built on core values, we supply an evolving range of products to HVAC distributors and OEMs worldwide.

### Our Values

Partnership, integrity, respect, honesty, flexibility, responsiveness, responsibility, service, sustainability.

Download our  
catalogues



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