

## COUNTERFRAMES FOR SUPPLY AND RETURN GRILLES

UTC  
SERIES

### OVERVIEW

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The UTC series counterframes used for supply and return grilles are a strong frame on which the fixing clips can rest. They are required if the grilles need to be frequently removed for cleaning, inspection, filter changing and other similar jobs. The UTC counterframes can be installed both next to steel ducts and on masonry walls.

Bendable parts are placed inside the fixing agent of the wall and a frame that will be completely hidden from the frame of the grille itself, for fixing by means of screws or rivets to the duct wall.

The use of the counterframe on the side of the steel duct allows the use of grilles with fixing clips rather than with screws, therefore allowing to undertake jobs that require removing and reinstalling the grille with the up most simplicity without the need of tools.

The use of the counterframe on masonry walls allows for an almost unlimited number of removals and replacements of the grille without ever damaging or wearing-out the border of the hole made in the wall. The position of the grille can therefore be maintained, precise and secure.

#### TECHNICAL CHARACTERISTICS

The UTC Series counterframes are made of four separate parts, of galvanized carbon steel sheet, fixable to each other without the need of tools. The parts are completely interchangeable as the particular system of connection eliminated the need to distinguish between horizontal and vertical parts and with between left and right parts.

As shown in the illustration, the necessary space for the counterframe needs to be 5mm more than the nominal size of the grille.

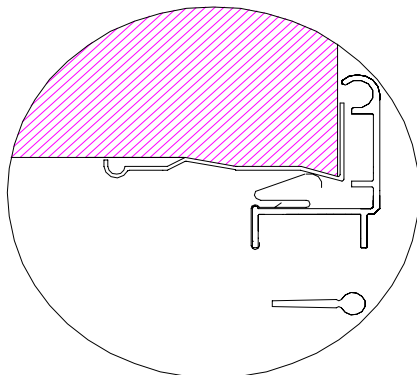
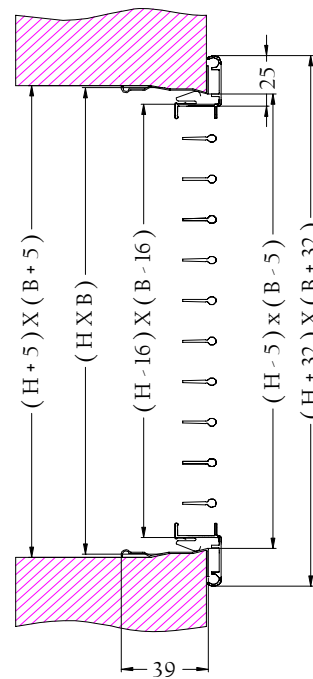
The parts are supplied unassembled, the complete interchangeability helps to easily manage the parts kept in stock.

#### AVAILABLE SIZES

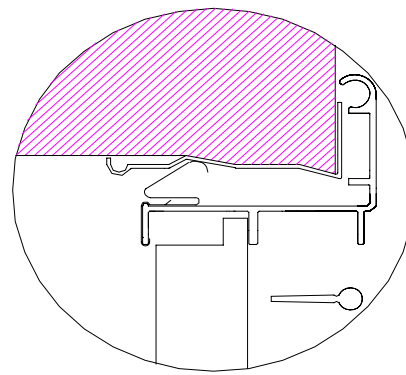
The available sizes for each part range from 100mm up to a maximum of 1400mm, in multiples of 50mm.

Special sizes are also available on request.

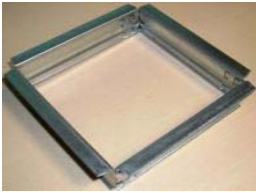
By composing the various sizes, all the necessary sizes are achievable.



Mounting with single deflection grille



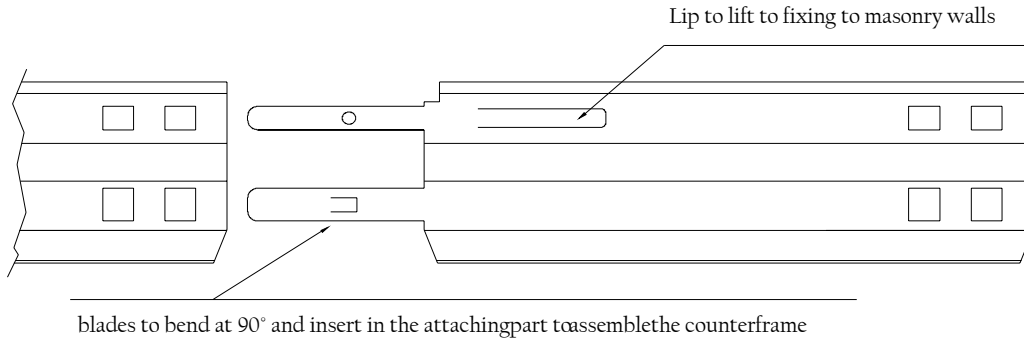
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**Detail of the fixing method between parts**

This system allows to quickly assemble the counterframe, even during the construction phase.

CODES	
UTC	XXX
part counterframe	length (mm)

**Example:**

To order a counterframe for a 400x200mm grille, request:

UTC-400 - 2 pieces

UTC-200 - 2 pieces

To order a counterframe for a 300x300 grille, request:

UTC-300 - 4 pieces

COUNTERFRAME SIZES WITH AVAILABLE PARTS KEPT IN STOCK																
HEIGHT H	1000															
	900															
	800															
	700															
	600															
	563															
	500															
	450															
	400															
	350															
	300															
	250															
	200															
	150															
	100															
		100	150	200	250	300	350	400	450	500	563	600	700	800	900	1000
		BASE B														

The 563x563 size is for grilles with a 595x595mm outside frame measurement, used for modular counterceilings.