



## US 50 PIPE 490



This component is part of the US flue system. US is a concentric system suitable for high temperature, non-condensing applications with flue gases in negative pressure.

With the US range, both wall and roof terminals are available. The system has easy assembly with lightweight elements. The wide product range offers solutions for virtually all situations and it is tested in combination with many appliances according to EN 613.

## VARIATIONS

| SKU    | Int mm | Price |
|--------|--------|-------|
| 163694 | 100    |       |
| 163695 | 130    |       |

## PRODUCT DESCRIPTION

The US system is a modular concentric balanced flue system, made of stainless steel which combines air inlet and flue.

US is suitable for high temperature, non-condensing applications with flue gases in negative pressure. It can be applied on all types of balanced flue gas-fired stoves (class C11 and (231). Advantages include:

- Appliance adaptors manufactured on specification.
- Both wall and roof terminals available.
- Easy assembly with lightweight elements.
- Wide product range offers solutions for virtually all situations.
- Tested in combination with many appliances according to EN 613.

## Technical characteristics

|                       |                   |
|-----------------------|-------------------|
| Application           | Balanced flue     |
| Operating mode        | Dry               |
| Pressure              | Negative pressure |
| Max. working pressure | 0 Pa              |



|   |           |                    |
|---|-----------|--------------------|
| Operating temperature                                       |           | 600°O              |
| Max. temperature allowed                                    |           | 600°C              |
| Inner wall  | material  | AISI 304/EN 1.4301 |
|   | thickness | 0.4 mm             |
| Outer wall  | material  | AISI 304/EN 1.4301 |
|   | thickness | 0.4 mm             |
| Fuel type   |           | Gas                |
| Chimney diameter  |           |                    |
| Inner diameter (mm)   | 100       | 130                |
| Outer diameter (mm)   | 150       | 200                |
| Cross section (cm <sup>2</sup> )                            | 79        | 133                |
| Weight (±kg/m)  | 2.5       | 4.0                |
| CE approved   |           |                    |
| EN 1856-1: T450 N1 D V2 L20040 050, T450 N1 D V2 L20040 050 |           |                    |
| EN 1856-2: T450 N1 D V2 L20040 050, T450 N1 D V2 L20040 050 |           |                    |

### US brochure

[Click here to view Certificates and Declarations of Performance](#)

US is CE approved to EN 1856-1: T450 N1 D V2 L20040 050, T450 N1 D V2 L20040 050

US is CE approved to EN 1856-2: T450 N1 D V2 L20040 050, T450 N1 D V2 L20040 050

### Technical characteristics

|                                  |           |                    |
|----------------------------------|-----------|--------------------|
| Application                      |           | Balanced flue      |
| Operating mode                   |           | Dry                |
| Pressure                         |           | Negative pressure  |
| Max. working pressure            |           | 0 Pa               |
| Operating temperature            |           | 600°O              |
| Max. temperature allowed         |           | 600°C              |
| Inner wall                       | material  | AISI 304/EN 1.4301 |
|                                  | thickness | 0.4 mm             |
| Outer wall                       | material  | AISI 304/EN 1.4301 |
|                                  | thickness | 0.4 mm             |
| Fuel type                        |           | Gas                |
| Chimney diameter                 |           |                    |
| Inner diameter (mm)              | 100       | 130                |
| Outer diameter (mm)              | 150       | 200                |
| Cross section (cm <sup>2</sup> ) | 79        | 133                |
| Weight (±kg/m)                   | 2.5       | 4.0                |