

Product series

# Double wall CH-304-CE



Power for Excellence

The **ATRITUBE CH-304-CE®** product series:

**Includes:**

- double wall, straight seam chimneys & fittings

**Composition:**

- **AISI 304 BA** antimagnetic stainless steel
- material thickness 0,40 mm & 0,50 mm
- rockwool insulation of 120kg/m<sup>3</sup> density & 25 mm thickness  
commercial name **CH-304-HD-CE®**
- rock wool insulation of 60kg/m<sup>3</sup> density  
commercial name **CH-304-LD-CE®**

**Specifications:**

- tubes are formed with inert gas TIG welding  
& fittings with continuous seam welding
- products are assembled together with the socket - spigot system
- high temperature resistant double-lipped silicone gasket  
between connections to ensure gas tightness

**Combines with:**

- various products from the **ACCESSORIES** series

**It is suitable for fume exhaust systems for:**

- boilers & fire places
- gas, liquid & solid fuels (wood, gas, petrol)

All products of the **ATRITUBE CH-304-CE®** series are in compliance with the **Construction Products Directive 89/106/EEC** & meet all provisions and terms concerning the requirements of the **CE Marking**, according to the Annex **ZA** of the following harmonized standards **EN 1856-1 : 2006**.

The certification of the Factory Production Control was carried out by the Notified Body **MPA NRW**, date of issue 01-10-2009.



Product series

## ATRITUBE CH-304-CE®

Double Wall Straight Seam Chimney

| Commercial Name                  |                                | ATRITUBE CH-304-HD-CE ® -LP |                        | ATRITUBE CH-304-LD-CE ® -LP |         |                        |         |
|----------------------------------|--------------------------------|-----------------------------|------------------------|-----------------------------|---------|------------------------|---------|
| Product                          |                                | Duct length<br>500 mm       | Duct length<br>1000 mm | Duct length<br>500 mm       |         | Duct length<br>1000 mm |         |
| Material                         |                                | AISI 304 BA Stainless Steel |                        | AISI 304 BA Stainless Steel |         |                        |         |
| Thickness                        |                                | 0,50 mm                     |                        | 0,40 mm                     | 0,50 mm | 0,40 mm                | 0,50 mm |
| Insulation                       |                                | 120 kg/m³ density           |                        | 60 kg/m³ density            |         |                        |         |
| Nominal<br>Diameter<br>Ø d1 (mm) | Outer<br>Diameter<br>Ø d2 (mm) | Price/piece €               |                        | Price/piece €               |         |                        |         |
| 0080                             | 0130                           | 44,79                       | 60,32                  | 38,33                       | 40,66   | 48,14                  | 52,46   |
| 0100                             | 0150                           | 47,71                       | 65,79                  | 40,18                       | 42,94   | 51,59                  | 56,72   |
| 0130                             | 0180                           | 52,08                       | 73,99                  | 42,95                       | 46,35   | 56,77                  | 63,10   |
| 0150                             | 0200                           | 56,12                       | 80,63                  | 45,92                       | 49,76   | 61,39                  | 68,53   |
| 0180                             | 0230                           | 63,32                       | 91,76                  | 51,52                       | 56,01   | 69,50                  | 77,85   |
| 0200                             | 0250                           | 70,76                       | 101,92                 | 57,89                       | 62,80   | 77,65                  | 86,81   |
| 0230                             | 0280                           | 80,78                       | 116,00                 | 66,31                       | 71,87   | 88,70                  | 99,07   |
| 0250                             | 0300                           | 86,52                       | 124,40                 | 70,98                       | 76,97   | 95,09                  | 106,26  |
| 0300                             | 0350                           | 102,28                      | 146,87                 | -                           | 91,14   | -                      | 125,71  |
| 0350                             | 0400                           | 123,69                      | 175,22                 | -                           | 110,96  | -                      | 151,04  |

Standardized lengths 500 mm & 1000 mm



Product series

## ATRITUBE CH-304-CE®

Double Wall 90° & 45° Elbow

| Commercial Name               |                             | ATRITUBE CH-304-HD-CE ® -EL |           | ATRITUBE CH-304-LD-CE ® -EL |         |           |         |
|-------------------------------|-----------------------------|-----------------------------|-----------|-----------------------------|---------|-----------|---------|
| Product                       |                             | 90° Elbow                   | 45° Elbow | 90° Elbow                   |         | 45° Elbow |         |
| Material                      |                             | AISI 304 BA Stainless Steel |           | AISI 304 BA Stainless Steel |         |           |         |
| Thickness                     |                             | 0,50 mm                     |           | 0,40 mm                     | 0,50 mm | 0,40 mm   | 0,50 mm |
| Insulation                    |                             | 120 kg/m³ density           |           | 60 kg/m³ density            |         |           |         |
| Nominal Diameter<br>Ø d1 (mm) | Outer Diameter<br>Ø d2 (mm) | Price/piece €               |           | Price/piece €               |         |           |         |
| 0080                          | 0130                        | 75,63                       | 53,66     | 69,82                       | 71,31   | 49,26     | 50,39   |
| 0100                          | 0150                        | 79,26                       | 56,10     | 71,77                       | 73,69   | 50,57     | 51,98   |
| 0130                          | 0180                        | 85,50                       | 60,14     | 75,12                       | 77,77   | 52,74     | 54,63   |
| 0150                          | 0200                        | 91,19                       | 63,80     | 78,65                       | 81,86   | 55,04     | 57,28   |
| 0180                          | 0230                        | 102,04                      | 70,76     | 85,89                       | 90,01   | 59,76     | 62,57   |
| 0200                          | 0250                        | 113,85                      | 78,50     | 95,06                       | 99,86   | 65,90     | 69,12   |
| 0230                          | 0280                        | 125,25                      | 85,53     | 102,12                      | 108,02  | 70,33     | 74,22   |
| 0250                          | 0300                        | 134,04                      | 90,95     | 107,78                      | 114,49  | 73,90     | 78,26   |
| 0300                          | 0350                        | 156,83                      | 104,70    | -                           | 130,82  | -         | 88,25   |
| 0350                          | 0400                        | 188,32                      | 124,02    | -                           | 154,95  | -         | 103,36  |



Product series

## ATRITUBE CH-304-CE®

Double Wall Tee piece

| Commercial Name               |                               |                             |                             | ATRITUBE CH-304-HD-CE® -TA  | ATRITUBE CH-304-LD-CE® -TA  |         |
|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------|
| Product                       |                               |                             |                             | Tee piece                   | Tee piece                   |         |
| Material                      |                               |                             |                             | AISI 304 BA Stainless Steel | AISI 304 BA Stainless Steel |         |
| Thickness                     |                               |                             |                             | 0,50 mm                     | 0,40 mm                     | 0,50 mm |
| Insulation                    |                               |                             |                             | 120 kg/m³ density           | 60 kg/m³ density            |         |
| Nominal Diameter<br>Ø d1 (mm) | Nominal Diameter<br>Ø δ1 (mm) | Outer Diameter<br>Ø d2 (mm) | Outer Diameter<br>Ø δ2 (mm) | Price/piece €               | Price/piece €               |         |
| 0080                          | 0080                          | 0130                        | 0130                        | 73,69                       | 65,74                       | 67,77   |
| 0100                          | 0100                          | 0150                        | 0150                        | 77,81                       | 67,95                       | 70,47   |
| 0130                          | 0130                          | 0180                        | 0180                        | 84,49                       | 71,53                       | 74,84   |
| 0150                          | 0150                          | 0200                        | 0200                        | 94,15                       | 77,77                       | 81,95   |
| 0180                          | 0180                          | 0230                        | 0230                        | 102,26                      | 82,12                       | 87,26   |
| 0200                          | 0200                          | 0250                        | 0250                        | 110,27                      | 87,47                       | 93,28   |
| 0230                          | 0230                          | 0280                        | 0280                        | 127,99                      | 98,03                       | 105,67  |
| 0250                          | 0250                          | 0300                        | 0300                        | 137,16                      | 104,00                      | 112,45  |
| 0300                          | 0300                          | 0350                        | 0350                        | 171,40                      | -                           | 140,33  |
| 0350                          | 0350                          | 0400                        | 0400                        | 205,04                      | -                           | 167,04  |



Product series

## ATRITUBE CH-304-CE®

Double Wall Concentric Reducer

| Commercial Name               |                               |                             |                             | ATRITUBE CH-304-HD-CE® -RE  | ATRITUBE CH-304-LD-CE® -RE  |         |
|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------|
| Product                       |                               |                             |                             | Concentric Reducer          | Concentric Reducer          |         |
| Material                      |                               |                             |                             | AISI 304 BA Stainless Steel | AISI 304 BA Stainless Steel |         |
| Thickness                     |                               |                             |                             | 0,50 mm                     | 0,40 mm                     | 0,50 mm |
| Insulation                    |                               |                             |                             | 120 kg/m³ density           | 60 kg/m³ density            |         |
| Nominal Diameter<br>Ø d1 (mm) | Nominal Diameter<br>Ø δ1 (mm) | Outer Diameter<br>Ø d2 (mm) | Outer Diameter<br>Ø δ2 (mm) | Price/piece €               | Price/piece €               |         |
| 0100                          | 0080                          | 0150                        | 0130                        | 80,32                       | 74,54                       | 76,02   |
| 0130                          | 0100                          | 0180                        | 0150                        | 83,54                       | 76,28                       | 78,14   |
| 0150                          | 0100                          | 0200                        | 0150                        | 85,76                       | 77,47                       | 79,60   |
| 0180                          | 0130                          | 0230                        | 0180                        | 96,13                       | 86,19                       | 88,74   |
| 0200                          | 0150                          | 0250                        | 0200                        | 107,57                      | 96,52                       | 99,36   |
| 0230                          | 0200                          | 0280                        | 0250                        | 110,61                      | 98,15                       | 101,36  |
| 0250                          | 0200                          | 0300                        | 0250                        | 124,85                      | 111,04                      | 114,59  |
| 0300                          | 0250                          | 0350                        | 0300                        | 145,67                      | -                           | 131,67  |
| 0350                          | 0250                          | 0400                        | 0300                        | 151,88                      | -                           | 134,70  |



Product series

## ATRITUBE CH-304-CE®

Condensate Collector & Triangular Wall Support  
for ATRITUBE-CH-304-CE® series

| Commercial Name              | AC-TFM-CH-CE ®                             |         | AC-HWT-CH-CE ®              |
|------------------------------|--------------------------------------------|---------|-----------------------------|
| Product                      | Condensate Collector with brass union 1/2" |         | Triangular Wall Support     |
| Material                     | AISI 304 BA Stainless Steel                |         | AISI 304 BA Stainless Steel |
| Thickness                    | 0,40 mm                                    | 0,50 mm | 2,00 mm                     |
| Nominal Diameter<br>Ø d (mm) | Price/piece €                              |         | Price/piece €               |
| 0080                         | 5,71                                       | 5,82    | 52,73                       |
| 0100                         | 6,97                                       | 7,11    | 58,55                       |
| 0130                         | 7,72                                       | 7,93    | 68,08                       |
| 0150                         | 8,24                                       | 8,49    | 74,55                       |
| 0180                         | 9,04                                       | 9,38    | 84,70                       |
| 0200                         | 9,60                                       | 9,99    | 91,76                       |
| 0230                         | 10,47                                      | 10,95   | 102,80                      |
| 0250                         | 11,07                                      | 11,61   | 109,77                      |
| 0280                         | 11,99                                      | 12,64   | -                           |
| 0300                         | -                                          | 13,36   | 129,13                      |
| 0350                         | -                                          | 16,61   | 149,92                      |
| 0400                         | -                                          | 22,19   | -                           |

### Note:

High temperature resistant double-lipped silicone gasket  
between connections to ensure gas tightness (included into price)  
Condensate collector not included into Tee piece price

### ADDITIONAL OPTIONS:

- Stainless steel AISI 316 L
- Material thickness 0,60 mm
- Different lengths up to 1000 mm
- Elbows of different degrees
- Reduced Tee pieces
- Eccentric reducers