



## TECHNICAL DATA

Range: COLLECTIVE PSLI COAXIAL

### Twin wall concentric metal chimney

| Designations:                             | Model   | Standard  | Designation               | Diameter |
|---|---|-----------|---------------------------|----------|
|   | EE  | EN 1856-1 | T300 N1 W Vm L20040 O(50) | 125-200  |
|   |   |           | T300 N1 W Vm L20050 O(50) | 250      |
|   | EL  | EN 1856-1 | T300 N1 W Vm L50040 O(50) | 125-200  |
|   |   |           | T300 N1 W Vm L50050 O(50) | 250      |
| CE Certificate: 0099/CPD/A71/0058         |   |           |                           |          |
| Application:                              | <ul style="list-style-type: none"> <li>Exhaust flue gas and air inlet for type C room-sealed boilers</li> </ul> |           |                           |          |
| Characteristics:                          |   |           |                           |          |
| Maximum use temperature                   | 300 °C  |           |                           |          |
| Pressure level                            | Negative pressure   |           |                           |          |
| Condensate resistance                     | Wet operating conditions (for condensing boilers)   |           |                           |          |
| Fuel                                      | Gas   |           |                           |          |
| Sootfire resistance                       | No (0 designation)  |           |                           |          |
| Minimum distance to combustible materials | 50 mm   |           |                           |          |
| Placement                                 | Interior and exterior   |           |                           |          |
| Nominal diameters                         | Dn(inner)/Dn(outer): 125/200, 150/250, 175/300, 200/350 and 250/450 mm  |           |                           |          |
| Diameters                                 | D(inner)/D(outer): 126/201, 151/251, 176/301, 201/351 and 251/451 mm  |           |                           |          |
| Inner wall material                       | EE → L20 → Stainless steel AISI 304 (1.4301)<br>EL → L50 → Stainless steel AISI 316 (1.4401)                    |           |                           |          |
| Outer wall material                       | Stainless steel AISI 304 (1.4301)   |           |                           |          |
| Thickness                                 | In Stainless steel:<br>Ø 125 to 200 mm → 0,4 mm<br>In aluminized steel:<br>Ø 250 to 450 mm → 0,5 mm             |           |                           |          |
| Insulation                                | None  |           |                           |          |
| Seal                                      | None  |           |                           |          |
| Compressive strength                      | Maximum load: 12 m  |           |                           |          |
| Tensile strength                          | Maximum load: 12 m  |           |                           |          |
| Support compressive strength              | Maximum load: 12 m  |           |                           |          |
| Lateral strength (wind load resistance)   | Maximum distance between wall supports: 3 m<br>Free length from the last support: 1,5 m                         |           |                           |          |
| Non-vertical installation                 | Not allowed according to UNE 123001:2009  |           |                           |          |
| Freeze-thaw resistance                    | Resistant to freeze and thaw cycles   |           |                           |          |
| Flow resistance: straight sections        | Roughness: 1 mm [according to EN 13384-1]   |           |                           |          |
| Flow resistance: fittings                 | According to EN 13384-1   |           |                           |          |
| Thermal resistance                        | 0 m <sup>2</sup> K/W  |           |                           |          |
| Fire resistance                           | No performance determined   |           |                           |          |
| Fire reaction                             | Class A1  |           |                           |          |
| Support installation                      | Base support each 12 m<br>Wall support each 3 m<br>Adjustable wall separation: 50 - 80 mm                       |           |                           |          |





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### Another

Components must be installed with end female on the top and end male in the bottom. See figure 1.

The joint between two elements must be fixed with the clamp. Elements cannot be cut. Adjustable elements are available.