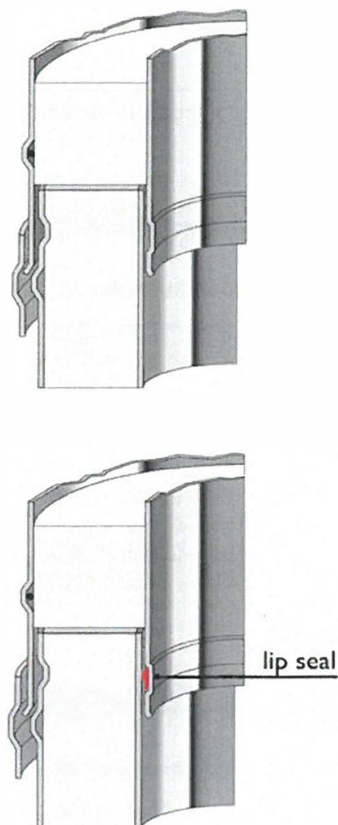


Multi 50

Ver. 2.0
Date: 2016-05-27

Application:	Double wall insulated system chimney system for all regular boilers, stoves and fireplaces in residential or non-residential application
Installation:	Outside or inside a building
Fuels:	Gas, oil, solid fuel
Operating temperature:	≤ 600 °C
Sootfire resistance:	Yes
Mode of operation:	Negative pressure (N1 ≤ 40 Pa) Dry (Gas, oil, solid fuel) / Wet (gas, oil)
Inner liner material:	1.4404 (316L)
Outer casing material:	1.4301 (304)
Outer casing finish:	<ul style="list-style-type: none"> - BA - shiny (standard) - 2B - matt - brushed (outercase thickness 0,6 mm) - copper finish - RAL coloured
Insulation type:	Superwool Plus blankets
Insulation density:	96 kg/m ³
Thermal resistance:	0,59 m ² K/W calculated at 200 °C with Ø200 mm liner according to EN 1859
Mean roughness:	1,0 mm according to EN 13384-1
Height above last structural support:	<ul style="list-style-type: none"> - 3,0 m (Ø130-Ø400) - 2,0 m (Ø450-Ø700)
Distance between lateral supports:	<ul style="list-style-type: none"> - 4,0 m (Ø130-Ø400) - 3,0 m (Ø450-Ø700)



Diameter Range:

Internal diameter:	130	150	180	200	250	300	350	400	450	500	600	700	800	900	1000	1100	1200
External diameter:	230	250	280	300	350	400	450	500	550	600	700	800	900	1000	1100	1200	1300
Inner liner thickness:	0,6 mm (1,0 mm optional)														1,0 mm		
Outer wall thickness:	0,6 mm										0,7 mm						
Weight (kg/m) with inner liner thickness 0,6 mm	7,7	8,6	9,9	10,8	13,9	16,2	18,5	20,8	23,1	27,0	31,8	36,7	41,0	45,0	-	-	-
Weight (kg/m) with inner liner thickness 1,0 mm	-	10,2	11,8	12,9	16,4	19,3	22,1	24,9	27,7	32,1	38,0	43,9	49,0	55,0	60,0	66,0	72,0

Certificates and designations:

MULTI 50 – System chimney:	0036 – CPD – 91236 – 005 rev. 02 0036 – CPD – 9195 – 002 rev. 04
CE Designation EN 1856-1:	T600 - N1 - W - V2 - L50050 – GXX* T600 - N1 - D - V3 - L50050 – GXX* T400 - N1 - W - V2 - L50050 – GXX* T400 - N1 - D - V3 - L50050 – GXX*

*distance to combustible materials depends on diameter and type of installation:

Fig. 1: Installation outside fully ventilated

Distance to combustibles at:

T600: $\varnothing 80 - \varnothing 300 = G25$
 $\varnothing 350 - \varnothing 450 = G37,5$
 $\varnothing 500 - \varnothing 600 = G50$
 $\varnothing 650 - \varnothing 700 = G100$

T400: $\varnothing 80 - \varnothing 300 = G25$
 $\varnothing 350 - \varnothing 450 = G37,5$
 $\varnothing 500 - \varnothing 600 = G50$
 $\varnothing 650 - \varnothing 700 = G100$

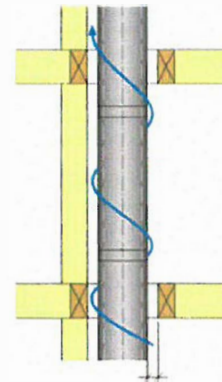


Fig. 1

Fig. 2: Installation through insulated closed floor

Distance to combustibles at:

T600: $\varnothing 80 - \varnothing 300 = G100$ for $h \leq 200$ mm

T400: $\varnothing 80 - \varnothing 300 = G50$ for $h \leq 200$ mm

T400: $\varnothing 80 - \varnothing 300 = G100$ for $200 < h \leq 400$ mm

T400: $\varnothing 80 - \varnothing 300 = G120$ for $400 < h \leq 600$ mm

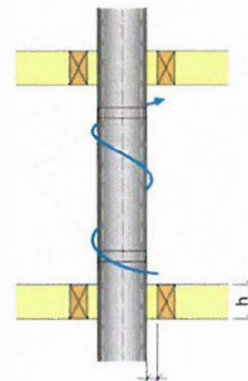


Fig. 2

MULTI 50 – Connecting flue pipe:	0036 – CPR – 91236 – 040 0036 – CPR – 9195 – 040
CE Designation EN 1856-2:	T600 - N1 - D - V2 - L50050 – G100 M

Fig. 3: Installed as horizontal connecting flue pipe

Distance to combustibles at:

T600: $\varnothing 80 - \varnothing 300 = G100$

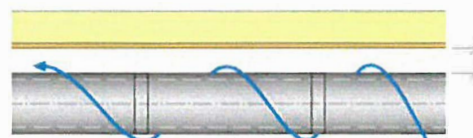


Fig. 3