

CONDENSOR

Wood

Solid Fuel

Gas

Oil

Single Wall System Chimney

High quality stainless steel single wall “system chimney”, “connecting flue pipe” or “chimney liner”.

A continuously welded flue provides a pressure and moisture resistant system when used with the optional Joint Seal, for applications requiring pressure tightness up to 200 Pa.

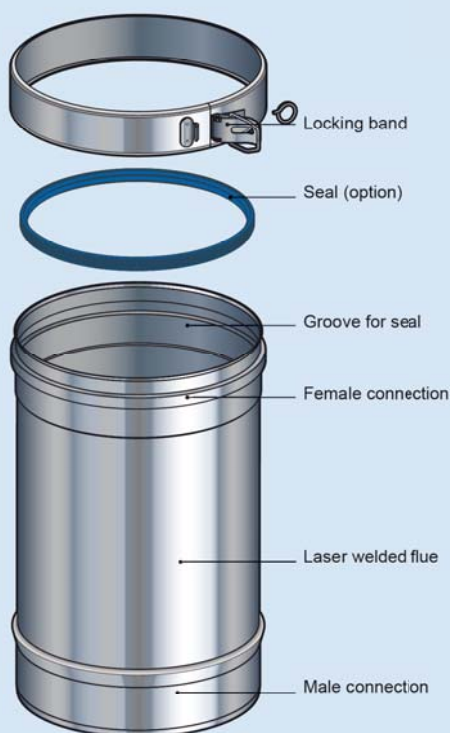
CE marked and designated as suitable for use with all gas, oil, pellet, wood and coal burning appliances, whether these are atmospheric, pressure-jet, or fully condensing.

A comprehensive range of standard accessories to suit all applications and environments.

Also available in factory finish painted to any RAL colour.

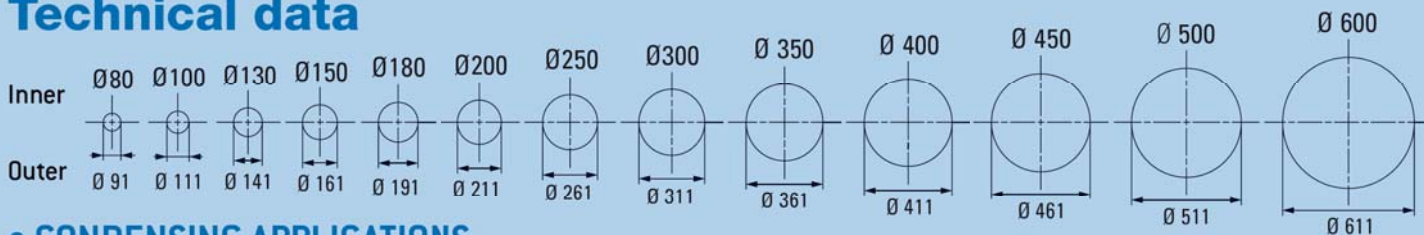


BENEFITS



- **QUALITY:** Production is performed under quality control of CERIC (research and testing centre for the chimney and flue industry). Exceptional high resistance to corrosion.
- **PERFORMANCE:** The Poujoulat cone on cone patented Condensor joint provides a 50mm depth engagement, giving an excellent performance of P1 level at 200 Pa.
- **SAFETY:** Easy fixing locking band with safety closing ring pin with all components.
- **EASY TO MAINTAIN:** Full range of accessories. Lengths with inspection door available.
- **INNOVATION:** Reducing tees, drain sections, increasers provide wide varying and flexible solutions to multiple boiler and cascade systems.
- **AESTHETIC:** Exceptionally good looking chimney and terminal with integrated support bracketry plus excellent flashing/weather plate arrangements, to suit all roof types.

Technical data



• CONDENSING APPLICATIONS

The CONDENSOR range can be used under positive pressure and suitable for condensing applications, by using a double lip silicone seal which ensures a perfect watertight joint. These seals must be purchased separately and fitted on site by a professional installer.



CE 0071 CPD 014

BS EN 1856-1

T250 N1 W V2L50040* O50
T200 P1 W V2L50040* O50**

BS EN 1856-2

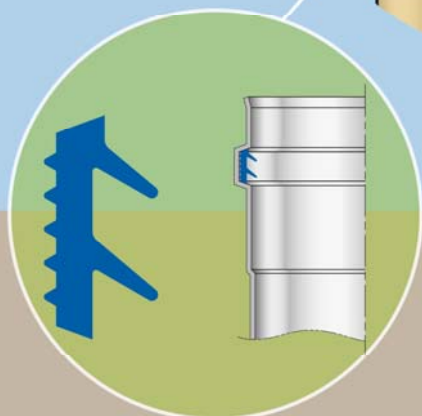
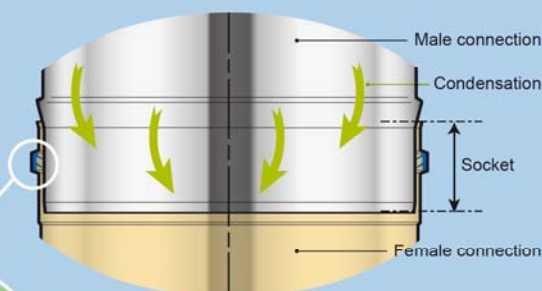
T450 N1 W V2L50040* G
T200 P1 W V2L50040* O**

*Ø80 to Ø150 : L50040

*Ø180 to Ø300 : L50060

*Ø350 to Ø600 : L50080

** Requires Joint Seal



Condensor CD : Stainless steel flues & liners

Inner Ø	80	100	130	150	180	200	250	300	350	400	450	500	600
Outer Ø	91	111	141	161	191	211	261	311	361	411	461	511	611
Wall Material	AISI 316L stainless steel												
Thickness	0.4mm			0.6mm				0.8mm					

Chimney EN 1856-1



0071-CPD-0014
0071-CPD-0042
0071-CPD-0025

	Normal operating temperature	Pressure level	Resistance to condensate	Corrosion resistance	Thickness	Thermal performance
	T450 = 450°C T250 = 250°C T200 = 200°C	N1 : negative pressure P1 : positive pressure (up to 200 Pa)	W = wet (condensation) D = dry (no condensation)	Material V2L50 = Mat. Nr 1.4404 (AISI 316L)	040 = 0.4mm (080-1500) 060 = 0.6mm (180-3000) 080 = 0.8mm (350-6000)	G : sootfire resistant 0 : not for sootfire Distanceto combustible materials = 50mm
EN 1856-1 Condensor CD without seal	T250	N1	W	V2L50	040	0 50
EN 1856-1 Condensor CD with seal	T200	P1	W	V2L50	040	0 50
EN 1856-2 Condensor CD without seal	T450	N1	W	V2L50	040	G
EN 1856-2 Condensor CD with seal	T200	P1	W	V2L50	040	0



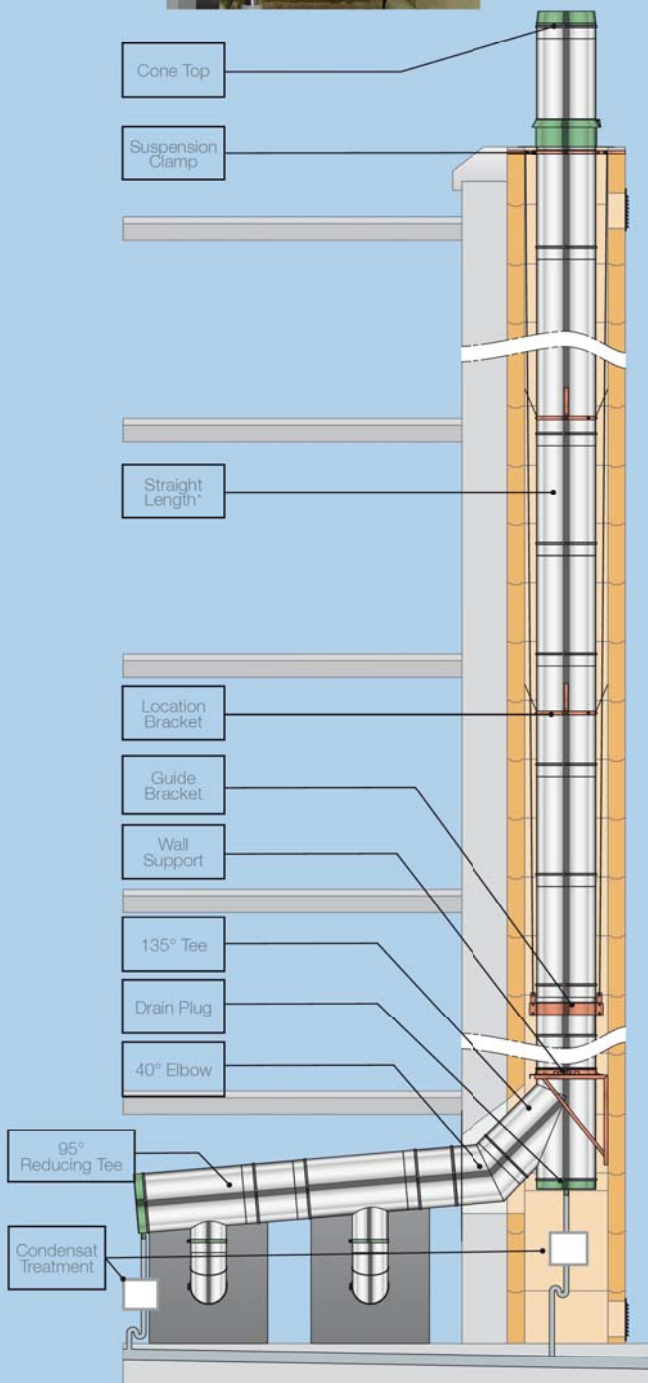
• CASCADE SYSTEM

The CONDENSOR System Chimney provides cascade solutions for multiple boilers allowing a connection into a common inclined (5°) header, with a vertical flue connection, utilizing 95° Reducing Tee and the Poujoulat non-return valve, on each connection, providing isolation to non operating boilers.



TYPICAL APPLICATION EXAMPLES

CONDENSOR INTERNAL CHIMNEYS



*For lining stack, Poujoulat also offers a complete range of flexible liner solutions for all condensing and non-condensing applications

CONDENSOR EXTERNAL CHIMNEYS

