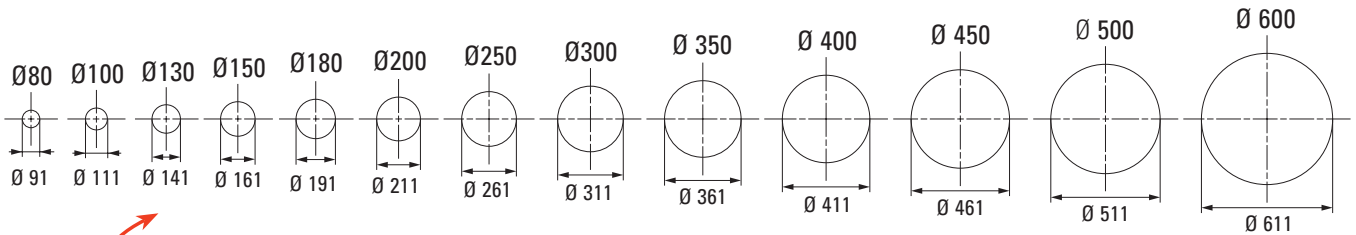


CONDENSOR

SINGLE WALL CHIMNEY SYSTEM

CONDENSOR is a high quality stainless steel single wall “system chimney”, “connecting flue pipe” or “chimney liner”. It is continuously welded to provide a pressure and moisture resistant system when used with the optional Joint Seal, for applications requiring pressure tightness up to 200 Pa. CONDENSOR is 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.



**FULL DESIGN
AND SIZING
AVAILABLE
ON REQUEST**



CE
0071-CPR-0014
BS EN 1856-1

Ø80 to Ø150
T250 N1 W V2 L50 040 O50
T200 P1 W V2 L50 040 O50*

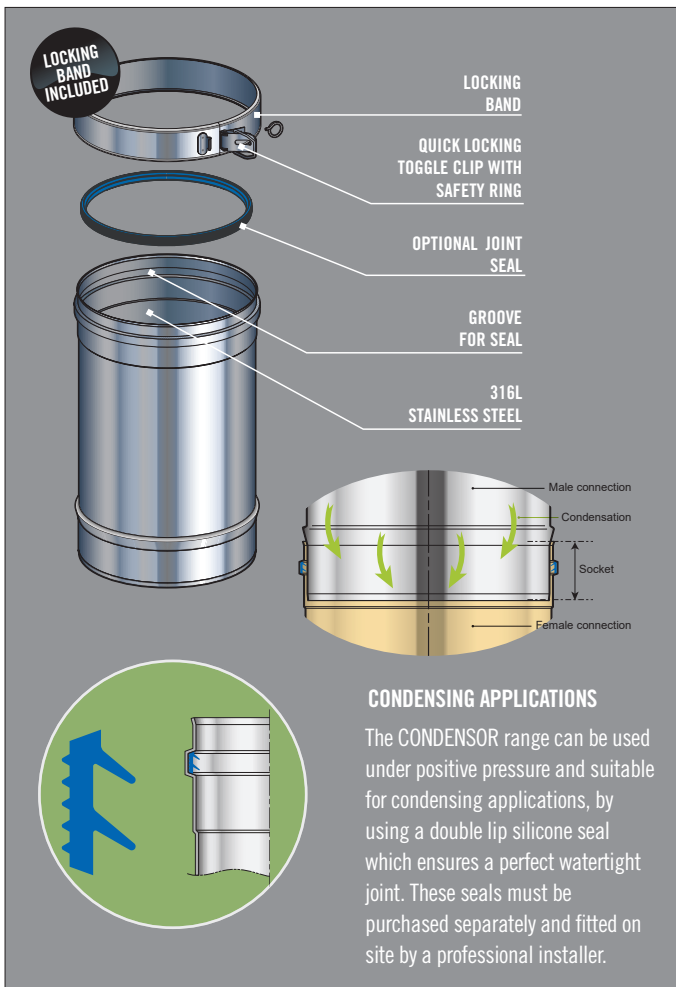
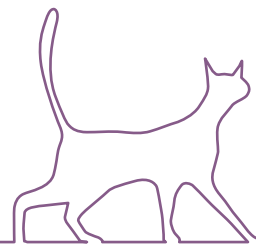
Ø180 to Ø300
T250 N1 W V2 L50 060 O50
T200 P1 W V2 L50 060 O50*

Ø350 to Ø450
T250 N1 W V2 L50 080 O75
T200 P1 W V2 L50 080 O75*

Ø500 to Ø600
T250 N1 W V2 L50 080 O100
T200 P1 W V2 L50 080 O100*

* Requires joint seal






PRINCIPLE 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.

Inner Ø	80	100	130	150	180	200	250	300	350	400	450	500	600
Outer Ø (THERM+ GEP 50)	91	111	141	161	191	211	261	311	361	411	461	511	611
Thickness	0.4 mm				0.6 mm				0.8 mm				
Wall Material	AISI 316L stainless steel												

Chimney BSEN 1856-1 : Cert. 0071-CPR-0014 (Condensor)

 0071-CPR-0014	Normal operating temperature	Pressure Level	Resistance to condensate	Corrosion resistance	Inner wall thickness	Thermal performance
	T250 = 250°C	N1 : negative pressure	W = wet (condensation)	V2L50 = Mat. Nr 1.4404 (AISI 316L)	040 = 0.4 mm (Ø80-150) 060 = 0.6 mm (Ø180-300) 080 = 0.6 mm (Ø350 to 600)	0 : not for sootfire resistant use
	T200 = 200°C	P1 : positive pressure (up to 200 Pa)				
EN 1856-1 Condensor CD without seal (Ø80 to Ø150)	T250	N1	W	V2L50	040	0 50
EN 1856-1 Condensor CD without seal (Ø180 to Ø300)	T250	N1	W	V2L50	060	0 50
EN 1856-1 Condensor CD without seal (Ø350 to Ø450)	T250	N1	W	V2L50	080	0 75
EN 1856-1 Condensor CD without seal (Ø500 to Ø600)	T250	N1	W	V2L50	080	0 100
EN 1856-1 Condensor CD with seal (Ø80 to Ø150)	T200	P1	W	V2L50	040	0 50
EN 1856-1 Condensor CD with seal (Ø180 to Ø300)	T200	P1	W	V2L50	060	0 50
EN 1856-1 Condensor CD with seal (Ø350 to Ø450)	T200	P1	W	V2L50	080	0 75
EN 1856-1 Condensor CD with seal (Ø500 to Ø600)	T200	P1	W	V2L50	080	0 100

• CASCADE SYSTEM

The CONDENSOR System Chimney provides cascade solutions for multiple boilers allowing a connection into a common inclined (3°) header, with a vertical flue connection, utilizing 93° Reducing Tee and the Poujoulat non-return valve, on each connection, providing isolation from non operating boilers.

MORE DETAILS
PAGE 26 & 27

CONDENSOR

	Product / Diameter	Reference	Part No
Adaptors & Starting Components			
	Appliance Adaptor (confirm lower Ø when ordering) - P1 (Conical)	RCC PPA	45 ... 811
	Appliance Adaptor (confirm lower Ø when ordering)	RB	45 ... 018
	Increaser / Reducer Adaptor (confirm lower Ø when ordering) - P1 (Conical)	RCC CD	45 ... 812
	Increaser / Reducer Adaptor (confirm lower Ø when ordering)	RC	45 ... 012
	Eccentric Appliance Adaptor (confirm lower Ø when ordering) - P1 (Conical)	ACC PPA	45 ... 814
	Eccentric Step Increaser/Reducer (confirm lower Ø when ordering) - P1 (Conical)	ACC CD	45 ... 813
	Eccentric Step Increaser/Reducer (confirm lower Ø when ordering)	AC	45 ... 013
	P Adaptor – Condensor to Therminox	P TZ SLCD	21 ... 138
	PT Adaptor - Therminox to Condensor	PT SLCD	21 ... 097
Joint Seals			
	Joint Seal	JOINT CD	55 ... 210
	Silicone Grease	GRAISSE SILI	27 000 006
Lengths			
	100mm Length	ED 100	44 ... 002
	250mm Length	ED 250	44 ... 003
	450mm Length	ED 450	44 ... 004
	950mm Length	ED 1000	44 ... 005
	1150mm Length	ED 1200	44 ... 006
	Cut Length Locking Band	CER	45 ... 174
Adjustable Lengths			
	250-400mm Adjustable Length	ER 25/40	44 ... 008
	550-900mm Adjustable Length	ER 55/90	44 ... 012
Elbows			
	5° Elbow	EC 5	44 ... 010
	15° Elbow	EC 15	44 ... 001
	30° Elbow	EC 30	44 ... 011
	40° Elbow	EC 40	44 ... 009
	45° Elbow	EC 45	44 ... 021
	87° Elbow	EC 87	44 ... 032
	90° Elbow	EC 90	44 ... 031
	Tees		
	90° Tee	T 90	44 ... 050
	93° Tee	T 93	44 ... 054
	135° Tee	T 135	44 ... 051
Reducing Tees			
	90° Reducing Tee (confirm lower Ø when ordering)	T 90 / ...	44 ... 040
	93° Reducing Tee (confirm lower Ø when ordering)	T 93 / ...	44 ... 059
	135° Reducing Tee (confirm lower Ø when ordering)	T 135 / ...	44 ... 041
Plugs & Drain			
	Base Plug	TO	45 ... 091
	Drain Plug	CE	45 ... 090
	Side Drain Plug	CEPL	45 ... 097
	150mm Drain Length	EEC	44 ... 019
	100mm Test Point Length	EPMF	44 ... 018
Access Components			
	450mm Length with access door (T200 P1)	EDTV	44 ... 304
	Access Door	TV	44 ... 020



PAINTED FINISH : +30%

Available in any RAL Colour - 3 weeks lead time

	Product / Diameter	Reference	Part No
Supports			
	Joist Support - Galvanised	SP	45 ... 081
	Rafter Support - Galvanised	SAT	45 ... 165
	50-200mm Wall Support - Galvanised	SM	45 ... 055
	50-200mm Wall Support - Stainless steel	SMI	45 ... 056
	200-400mm Wall Support - Stainless steel	SMR 40	45 ... 157
	300-600mm Wall Support - Stainless steel	SMR 60	45 ... 160
	Floor Support	SSR	45 ... 057
Brackets			
	Wall Bracket	CMI	45 ... 175
	50-200mm Extension Arms	RCM 05-20	20 ... 134
	200-400mm Extension Arms	RCM 20-40	20 ... 135
	300-600mm Extension Arms	RCM 30-60	20 ... 139
	Split Hanger Ring	CSC	45 ... 059
	Guy Wire Band	CHI	45 ... 060
	Suspension Bracket	CAS	45 ... 080
	Suspension Clamp	CTF	45 ... 075
Location Bracket	BA	45 ... 064	
Plates & Fire-Stops			
	Ventilated Firestop	PCF	45 ... 133
	0-10° Wall Cover Ring - Oval Shape - Stainless steel	PPI() 0/10	45 ... 105
	10-30° Wall Cover Ring - Oval Shape - Stainless steel	PPI() 10/30	45 ... 106
	30-40° Wall Cover Ring - Oval Shape - Stainless steel	PPI() 30/40	45 ... 107
	40-50° Wall Cover Ring - Oval Shape - Stainless steel	PPI() 40/50	45 ... 108
Terminals			
	Rain Cap	CPI	45 ... 178
	Rain Cap with Mesh (Gas Only)	CPOI	45 ... 079
	Cone Top	CFI	45 ... 085
	Horizontal Cap with Mesh	SIF	45 ... 082
	Mesh Insert (Connect straight to a length, no need for Cone Top)	GCOI	21 ... 086
	Flashings		
	Storm Collar - Stainless steel	COLLER.I	45 ... 093
	15-30° Lead Substitute Malleable Base Flashing + Collar	SUM 30	45 ... 467
	30-45° Lead Substitute Malleable Base Flashing + Collar	SUM 45	45 ... 468
	Flat Flashing + Collar - Stainless steel	SIO	45 ... 169
	15-30° Stainless steel Flashing + Collar	SIT 30	45 ... 170
	30-45° Stainless steel Flashing + Collar	SIT 45	45 ... 173
Silencers			
	Silencer Length	SILEN	44 ... 066
	Silencer Length with access door	SILEN TV	44 ... 067
Other Components			
	Wall Extension Bracket (H=3m)	BT 3M	20 ... 098
	Wall Extension Bracket (H=5m)	BT 5M	20 ... 099
	Floor Bracket (H=1.5m)	PSC	55 000 115
	Ventilation Grill	GVH	55 000 278

■ For the full part number, replace ... by the diameter in mm (eg ø150 1m length is 44 150 005)

