

SCHIEDEL

RITE-VENT



WHAT FLUE?

**How to match
the appliance
to the flue**



A company of **LAFARGE**
ROOFING



Customer helpline: 0191 416 1150

What flue?

This guide shows how to match the correct flue with heating and hot water appliances. The flue type recommended against each product is based on a "standard flue installation", with a total flue length of approximately six metres. If the flue

system offered is of greater length than six metres, or requires an excessive amount of bends and/or long horizontal runs, please contact Schiedel Rite-Vent Commercial Department on **0191 416 1150**.

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Although every care has been taken to ensure the accuracy of the information contained in this booklet we reserve the right to improve or change specifications.

Technical Support

Flue sizing and design consultation

Supply-and-fix service via accredited specialist installers

First class delivery and after sales service

Manufactured in accordance with appropriate European Standards under Quality Assurance BS EN ISO 9001:2000

Customer helpline: 0191 416 1150
www.rite-vent.co.uk

Design Advice

Fan dilution systems

Generator/CHP exhaust systems

Smoke extraction ducts

Fire-rated ducts to BS 476 pt 20 (4 hrs)

Chimney relining systems

Freestanding chimney

Double-skin chimneys

Multi-flue chimneys

Guyed chimneys

Lattice masts (square, triangular etc.)

Structure-mounted chimneys

Building-supported chimneys

Offshore oil and gas applications

Industrial process fume extraction

Air movement/ventilation systems

Kitchen extract

CE Marking of Metal Chimneys and Flues

A new European Harmonised Standard for the construction and installation of flues and chimneys was introduced on 1st April 2005. This is EN 1856 pt 1; Performance requirements for metal chimney systems (i.e. twin wall prefabricated chimney systems and liners fitting within an enclosed structure).

EN 1856 is different from the existing national standards it has replaced in three key ways:

- It introduces a user-readable classification system which designates the features of the product
- It introduces a requirement for certified product factory control, ensuring that the product you receive is in conformance with the performance designation. This is in addition to any existing ISO 9000 factory quality scheme.
- It introduces a requirement for manufacturers to make available performance and installation information. In particular the manufacturer will designate the intended use and installation of a product, relating this to the features classified. This will be of particular importance in the light of the intended EU Directive on product liability.

For the standards so far released, Schiedel Rite-Vent products have achieved designations suitable for all normal applications, both domestic and commercial. This means that Rite-Vent Schiedel chimney products can be specified and installed with confidence.

For further information and/or a copy of our Technical Guidance leaflet on the new European Harmonised Standard, contact Schiedel Rite-Vent on 0191 416 1150.

Flue specifications

Triplelock

Flexible flue liner for re-lining existing masonry chimneys, for use with Gas and Oil (28 second) appliances with a maximum flue gas temperature of 260°C. Available in diameters from 100mm to 400mm.

Turboflex Plus

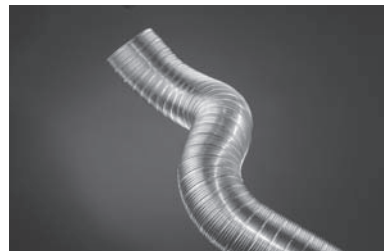
Multi fuel flexible flue liner for re-lining existing masonry chimney, for use with solid fuel. Available in diameters from 100mm to 400mm.

Prima 2

Twin wall gas vent for gas atmospheric boilers and water heaters with a maximum flue gas temperature of 260°C. Available in diameters from 150mm to 705mm.

ICS

Twin wall insulated chimney system for gas,oil, wood and multifuel appliances. For use on large residential and commercial applications. Available in diameters from 80mm to 755mm.



ICS Plus

Twin wall insulated chimney system for gas and oil condensing appliances, in large residential and commercial applications. Available in diameters from 80mm to 755mm.

ICS 5000

Twin wall insulated exhaust system for gas and diesel generators and CHP units, suitable for positive pressures upto 7500 Pa. Available in diameters from 150mm to 75mm.

Prima Plus

Single wall flue system for gas, oil, wood and multifuel appliances, in large residential and commercial applications. Suitable for condensing appliances (with the addition of gasket) and re-lining chimneys. Available in diameters from 80mm to 755mm.

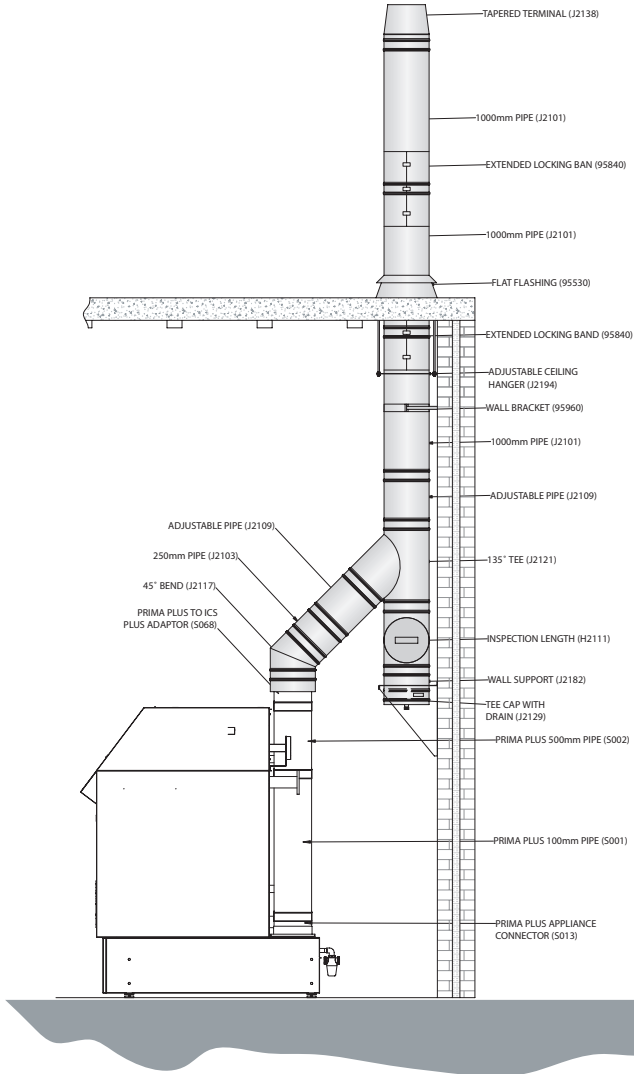
Prima SW

Single wall flue system for gas and oil (28 second) appliances with a maximum flue gas temperature of 260°C, can be used for re-lining chimneys. Available in diameters from 100mm to 755mm.

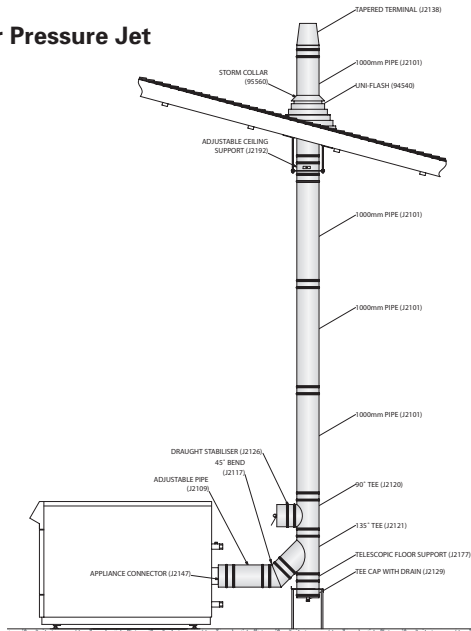


Typical Commercial Installations

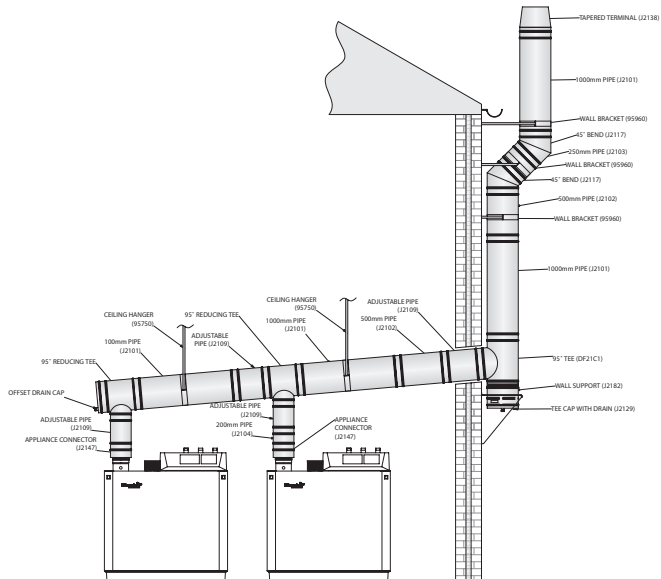
ICS Plus & Prima Plus Single Condensing Boiler



ICS-25 Single Boiler Pressure Jet



ICS Plus



IDEAL BOILERS

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
Concord	40/50	Gas	Atmospheric
CXA/CXS/CXSD	60/70	Gas	Atmospheric
	80/90/100	Gas	Atmospheric
	110/120	Gas	Atmospheric
	48/70/94/116	Gas	Condensing
Concord CXC	110/120/140/160	Gas	Atmospheric
Concord ES	180	Gas	Atmospheric
	480/540	Gas	Atmospheric
	610/680/750	Gas	Atmospheric
Imax W	890/1020/1160	Gas	Atmospheric
	W45/W60	Gas	Condensing
	W80	Gas	Condensing
Imas Plus	F80/F120/F160	Gas	Condensing
	F200/F240/F280	Gas	Condensing
Super Series 4	50	Gas	Pre-mix
	100	Gas	Pre-mix
	150	Gas	Pre-mix
	200/250	Gas	Pre-mix
	300	Gas	Pre-mix
	350/400	Gas	Pre-mix
	450/500	Gas	Pre-mix
	550/600	Gas	Pre-mix
Super Plus	200/2	Gas	Pre-mix
	300/3	Gas	Pre-mix
	400/4	Gas	Pre-mix
	300/3 A	Gas	Pre-mix
	400/4 A	Gas	Pre-mix
	500/5 A	Gas	Pre-mix
	600/6 A	Gas	Pre-mix
Vanguard S	190	Gas/Oil	Pressure Jet
	250/300/360/420	Gas/Oil	Pressure Jet
	500/600	Gas/Oil	Pressure Jet
	730/820/1040/1200	Gas/Oil	Pressure Jet
	1400	Gas/Oil	Pressure Jet
	1850	Gas/Oil	Pressure Jet
	2350	Gas/Oil	Pressure Jet
	3000	Gas/Oil	Pressure Jet

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
150mm	Prima 2	ICS
180mm	Prima 2	ICS
200mm	Prima 2	ICS
250mm	Prima 2	ICS
150mm	Prima Plus	ICS Plus
250mm	Prima 2	ICS
300mm	Prima 2	ICS
250mm	Prima 2	ICS
300mm	Prima 2	ICS
355mm	Prima 2	ICS
80mm	Prima Plus/ICS Plus	ICS Plus
100mm	Prima Plus/ICS Plus	ICS Plus
150mm	Prima Plus/ICS Plus	ICS Plus
200mm	Prima Plus/ICS Plus	ICS Plus
130mm	ICS	ICS
180mm	ICS	ICS
200mm	ICS	ICS
250mm	ICS	ICS
300mm	ICS	ICS
355mm	ICS	ICS
405mm	ICS	ICS
455mm	ICS	ICS
355mm	ICS	ICS
355mm	ICS	ICS
355mm	ICS	ICS
455mm	ICS	ICS
455mm	ICS	ICS
455mm	ICS	ICS
455mm	ICS	ICS
455mm	ICS	ICS
200mm	ICS	ICS
250mm	ICS	ICS
300mm	ICS	ICS
355mm	ICS	ICS
405mm	ICS	ICS
455mm	ICS	ICS
555mm	ICS	ICS
605mm	ICS	ICS

IDEAL BOILERS (continued)

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
	3500	Gas/Oil	Pressure Jet
Buccanneer GT	3/4/5	Gas/Oil	Pressure Jet
Falcon GTE	4/5	Gas/Oil	Pressure Jet
	6/7/8	Gas/Oil	Pressure Jet
Harrier GT	5/6	Gas/Oil or Dual	Pressure Jet
	7/8/9	Gas/Oil or Dual	Pressure Jet
Viceroy GT	8/9/10	Gas/Oil or Dual	Pressure Jet
	11/12/13/14	Gas or Dual	Pressure Jet
Viscount GT	14/15/16	Gas or Dual	Pressure Jet
	17/18/19/20	Gas or Dual	Pressure Jet
	21/22/23/24/258	Gas or Dual	Pressure Jet

POTTERTON BOILERS

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
Derwent Compact A/Compact Plus	4/5	Gas	Atmospheric
Derwent Compact A/Compact Plus	6/7	Gas	Atmospheric
Derwent Compact A/Compact Plus	8	Gas	Atmospheric
Derwent Prestige Plus	5	Gas	Atmospheric
Derwent Prestige Plus	6/7	Gas	Atmospheric
Derwent Prestige Plus	8/9/10/11	Gas	Atmospheric
Derwent Prestige Plus	12/13/14/15/16	Gas	Atmospheric
Derwent Prestige Plus	17/18	Gas	Atmospheric
Derwent Prestige Plus	19/20	Gas	Atmospheric
Derwent Compact Condensing	4	Gas	Condensing
Derwent Compact Condensing	6	Gas	Condensing
Derwent Compact Condensing	8	Gas	Condensing
Eurocondense Plus	90/120	Gas	Condensing
Eurocondense Plus	160/200/250	Gas	Condensing
Eurocondense Plus	320/400/500	Gas	Condensing
Slimline	70	Gas	Pre-mix
Rapido F110	3/4	Gas/Oil	Pressure Jet
Rapido F110	5/6	Gas/Oil	Pressure Jet
Rapido F210	5/6/7/8	Gas/Oil	Pressure Jet
Rapido F210	9/10/11/12	Gas/Oil	Pressure Jet
NXR3	4/5/6/7	Gas/Oil	Pressure Jet
NXR3	8/9	Gas/Oil	Pressure Jet

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
655mm	ICS 25	ICS
130mm	ICS 25	ICS
150mm	ICS 25	ICS
180mm	ICS 25	ICS
180mm	ICS 25	ICS
200mm	ICS 25	ICS
250mm	ICS 25	ICS
300mm	ICS 25	ICS
455mm	ICS 25	ICS
505mm	ICS 25	ICS

* Check with Ideal Boilers on outlet size

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
180mm	Prima 2	ICS
200mm	Prima 2	ICS
250mm	Prima 2	ICS
180mm	Prima 2	ICS
200mm	Prima 2	ICS
250mm	Prima 2	ICS
300mm	Prima 2	ICS
355mm	Prima 2	ICS
405mm	Prima 2	ICS
180mm	Prima Plus/ICS Plus	ICS Plus
200mm	Prima Plus/ICS Plus	ICS Plus
250mm	Prima Plus/ICS Plus	ICS Plus
150mm	Prima Plus/ICS Plus	ICS Plus
180mm	Prima Plus/ICS Plus	ICS Plus
250mm	Prima Plus/ICS Plus	ICS Plus
150mm	ICS	ICS
130mm	ICS	ICS
150mm	ICS	ICS
180mm	ICS	ICS
230mm	ICS	ICS
180mm	ICS	ICS
200mm	ICS	ICS

POTTERTON BOILERS (continued)

Appliance		Appliance Operation	
Model	Size	Fuel	Burner Type
NXR4	9/10/11	Gas/Oil	Pressure Jet
NXR4	12/13/14/15/16/17	Gas/Oil	Pressure Jet
ISIS HE	4/5/6/7/8/9	Gas/Oil	Pressure Jet
ISIS HE	10/11/12/13/14/15	Gas/Oil	Pressure Jet
Arizona	80/100/14/170/200/250	Gas/Oil	Pressure Jet
Arizona	290/350/405/465	Gas/Oil	Pressure Jet
Arizona	520/580/640/700/800	Gas/Oil	Pressure Jet
Arizona	900/1100	Gas/Oil	Pressure Jet
Arizona	1400/1650	Gas/Oil	Pressure Jet
Arizona	1850/2100/2350	Gas/Oil	Pressure Jet

ANDREWS WATER HEATERS

Appliance		Appliance Operation	
Model	Size	Fuel	Burner Type
Standard Range	24/39	Gas	Atmospheric
Standard Range	32/40	Gas	Atmospheric
Standard Range	40/61	Gas	Atmospheric
Standard Range	63/62	Gas	Atmospheric
Standard Range	84/87	Gas	Atmospheric
Hi Flo Range	32/143	Gas	Atmospheric
Hi Flo Range	65/173	Gas	Atmospheric
Hi Flo Range	81/264	Gas	Atmospheric
Hi Flo Range	62/341	Gas	Atmospheric
Hi Flo Range	54/418	Gas	Atmospheric
Hi Flo Range	54/440	Gas	Atmospheric
Oil-Fired	OF40/100	Oil	Pressure Jet
Oil-Fired	OF59/135	Oil	Pressure Jet
Oil-Fired	OF58/204	Oil	Pressure Jet
Oil-Fired	OF86/287	Oil	Pressure Jet
Oil-Fired	OF77/436	Oil	Pressure Jet
Oil-Fired	OF73/654	Oil	Pressure Jet
Supa Flo R300	301	Gas	Condensing
Supa Flo R300	302	Gas	Condensing
Supa Flo R300	303	Gas	Condensing
Supa Flo R300	304	Gas	Condensing
Supa Flo R300	305	Gas	Condensing
Supa Flo R300	306	Gas	Condensing

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
300mm	ICS	ICS
355mm	ICS	ICS
250mm	ICS	ICS
355mm	ICS	ICS
200mm	ICS	ICS
300mm	ICS	ICS
405mm	ICS	ICS
505mm	ICS	ICS
555mm	ICS	ICS
605mm	ICS	ICS

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
100mm	B Vent	K Vent/ICS
100mm	B Vent	K Vent/ICS
100mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS
150mm	Prima 2	ICS
150mm	Prima 2	ICS
200mm	Prima 2	ICS
200mm	Prima 2	ICS
250mm	Prima 2	ICS
250mm	Prima 2	ICS
150mm	ICS	ICS
150mm	ICS	ICS
200mm	ICS	ICS
200mm	ICS	ICS
250mm	ICS	ICS
250mm	ICS	ICS
100mm	Prima Plus/ICS Plus	ICS Plus
100mm	Prima Plus/ICS Plus	ICS Plus
130mm	Prima Plus/ICS Plus	ICS Plus
150mm	Prima Plus/ICS Plus	ICS Plus
180mm	Prima Plus/ICS Plus	ICS Plus
200mm	Prima Plus/ICS Plus	ICS Plus

ANDREWS WATER HEATERS (continued)

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
Supa Flo R300	307	Gas	Condensing
Supa Flo R2000	2017	Gas	Pre-mix
Supa Flo R2000	2022	Gas	Pre-mix
Supa Flo R2000	2028	Gas	Pre-mix
Supa Flo R2000	2034	Gas	Pre-mix
Supa Flo R2000	2041	Gas	Pre-mix
Supa Flo R2000	2048	Gas	Pre-mix
Supa Flo R2000	2056	Gas	Pre-mix
Supa Flo R2000	2066	Gas	Pre-mix
Supa Flo R2000	2077	Gas	Pre-mix
Supa Flo R2000	2090	Gas	Pre-mix
Supa Flo R2000	2105	Gas	Pre-mix
Supa Flo R2000	2122	Gas	Pre-mix
Supa Flo R2200	2207	Gas	Pre-mix
Supa Flo R2200	2210	Gas	Pre-mix
Supa Flo R2200	2213	Gas	Pre-mix
Supa Flo R2200	2216	Gas	Pre-mix
Supa Flo R2200	2220	Gas	Pre-mix
Supa Flo R2200	2224	Gas	Pre-mix
Supa Flo R2200	2228	Gas	Pre-mix
Supa Flo R18	132	Gas	Pre-mix
Supa Flo R18	154	Gas	Pre-mix
Supa Flo R18	180	Gas	Pre-mix
Supa Flo R18	210	Gas	Pre-mix
Supa Flo R18	244	Gas	Pre-mix
Supa Flo R18	280	Gas	Pre-mix

STATE WATER HEATERS

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
PRV	30 NORS	Gas	Atmospheric
PRV	40 NORS	Gas	Atmospheric
PRV	50 NRRT	Gas	Atmospheric
SCE/SCT	75-75	Gas	Atmospheric
SCE/SCT	100-95	Gas	Atmospheric
Sandblaster	10-115	Gas	Atmospheric
Sandblaster	80-140	Gas	Atmospheric

Flue Size		
Internal Dia mm	Internal use	External use
200mm	Prima Plus/ICS Plus	ICS Plus
200mm	ICS	ICS
230mm	ICS	ICS
250mm	ICS	ICS
250mm	ICS	ICS
300mm	ICS	ICS
300mm	ICS	ICS
355mm	ICS	ICS
355mm	ICS	ICS
405mm	ICS	ICS
405mm	ICS	ICS
455mm	ICS	ICS
455mm	ICS	ICS
150mm	ICS	ICS
180mm	ICS	ICS
200mm	ICS	ICS
200mm	ICS	ICS
250mm	ICS	ICS
250mm	ICS	ICS
300mm	ICS	ICS
455mm	ICS	ICS
505mm	ICS	ICS
555mm	ICS	ICS
605mm	ICS	ICS
655mm	ICS	ICS
705mm	ICS	ICS

Flue Size		
Internal Dia mm	Internal use	External use
80mm	B Vent	K Vent/ICS
80mm	B Vent	K Vent/ICS
100mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS

STATE WATER HEATERS (continued)

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
Sandblaster	80-180	Gas	Atmospheric
Sandblaster	95-199	Gas	Atmospheric
Sandblaster	95-260	Gas	Atmospheric
Sandblaster	70-360	Gas	Atmospheric
Sandblaster	65/400	Gas	Atmospheric
Sandblaster	65-500	Gas	Atmospheric
SOF	85-220	Oil	Pressue Jet
SOF	85-260	Oil	Pressue Jet
SOF	85-300	Oil	Pressue Jet
SOF	75-390	Oil	Pressue Jet
SOF	75-470	Oil	Pressue Jet
SOF	70-700	Oil	Pressue Jet

AO SMITH WATER HEATERS

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
EQ	115	Gas	Atmospheric
EQ	155	Gas	Atmospheric
EQ	200	Gas	Atmospheric
EQ	280	Gas	Atmospheric
EQ	380	Gas	Atmospheric
BTI	65	Gas	Atmospheric
BTI	85	Gas	Atmospheric
BTI	100	Gas	Atmospheric
ADM/R	40	Gas	Atmospheric
ADM/R	50	Gas	Atmospheric
ADM/R	60	Gas	Atmospheric
ADM/R	80	Gas	Atmospheric
ADM/R	90	Gas	Atmospheric
ADM/R	115	Gas	Atmospheric
ADM/R	135	Gas	Atmospheric
COF	199	Gas/Oil	Pressure Jet
COF	245	Gas/Oil	Pressure Jet
COF	315	Gas/Oil	Pressure Jet
COF	385	Gas/Oil	Pressure Jet
COF	455	Gas/Oil	Pressure Jet
COF	700	Gas/Oil	Pressure Jet

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
150mm	Prima 2	ICS
180mm	Prima 2	ICS
180mm	Prima 2	ICS
200mm	Prima 2	ICS
250mm	Prima 2	ICS
250mm	Prima 2	ICS
150mm	ICS	ICS
200mm	ICS	ICS
200mm	ICS	ICS
200mm	ICS	ICS
200mm	ICS	ICS
250mm	ICS	ICS

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
80mm	B Vent	ICS
80mm	B Vent	ICS
100mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS
100mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS
130mm	B Vent	K Vent/ICS
150mm	Prima 2	ICS
150mm	Prima 2	ICS
180mm	Prima 2	ICS
180mm	Prima 2	ICS
230mm	Prima 2	ICS
230mm	Prima 2	ICS
230mm	Prima 2	ICS
150mm	ICS	ICS
200mm	ICS	ICS
200mm	ICS	ICS
200mm	ICS	ICS
200mm	ICS	ICS
250mm	ICS	ICS

POWRMATIC HEATERS

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
CPE-AG	100	Gas	Atmospheric
CPE-AG	200	Gas	Atmospheric
CPE-AG	300	Gas	Atmospheric
NCE-AG	100	Gas	Atmospheric
NCE-AG	200	Gas	Atmospheric
CP	100	Gas	Pressure Jet
CP	150	Gas	Pressure Jet
CP	200	Gas	Pressure Jet
CP	300	Gas	Pressure Jet
CP	400	Gas	Pressure Jet
CP	500	Gas	Pressure Jet
CP	600	Gas	Pressure Jet
CP	700	Gas	Pressure Jet
CP	800	Gas	Pressure Jet
CP	1000	Gas	Pressure Jet
CP	1250	Gas	Pressure Jet
CP	100	Oil	Pressure Jet
CP	150	Oil	Pressure Jet
CP	200	Oil	Pressure Jet
CP	300	Oil	Pressure Jet
CP	400	Oil	Pressure Jet
CP	500	Oil	Pressure Jet
CP	600	Oil	Pressure Jet
CP	700	Oil	Pressure Jet
CP	800	Oil	Pressure Jet
CP	1000	Oil	Pressure Jet
CP	1250	Oil	Pressure Jet
NCA	100	Gas	Pressure Jet
NCA	150	Gas	Pressure Jet
NCA	200	Gas	Pressure Jet
NCA	300	Gas	Pressure Jet
NCA	100	Oil	Pressure Jet
NCA	150	Oil	Pressure Jet
NCA	200	Oil	Pressure Jet
NCA	300	Oil	Pressure Jet
CA	100	Gas	Pressure Jet
CA	150	Gas	Pressure Jet

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
200mm	Prima SW	Prima SW/ICS
200mm	Prima SW	Prima SW/ICS
250mm	Prima SW	Prima SW/ICS
200mm	Prima SW	Prima SW/ICS
200mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
200mm	Prima SW	Prima SW/ICS
200mm	Prima SW	Prima SW/ICS
300mm	Prima SW	Prima SW/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
150mm	Prima Plus	Prima Plus/ICS
150mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
200mm	Prima Plus	Prima Plus/ICS
200mm	Prima Plus	Prima Plus/ICS
300mm	Prima Plus	Prima Plus/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
150mm	Prima Plus	Prima Plus/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS

POWRMATIC HEATERS

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
CA	200	Gas	Pressure Jet
CA	300	Gas	Pressure Jet
CA	400	Gas	Pressure Jet
CA	500	Gas	Pressure Jet
CA	600	Gas	Pressure Jet
CA	700	Gas	Pressure Jet
CA	800	Gas	Pressure Jet
CA	1000	Gas	Pressure Jet
CA	1500	Gas	Pressure Jet
CA	2000	Gas	Pressure Jet
CA	100	Oil	Pressure Jet
CA	150	Oil	Pressure Jet
CA	200	Oil	Pressure Jet
CA	300	Oil	Pressure Jet
CA	400	Oil	Pressure Jet
CA	500	Oil	Pressure Jet
CA	600	Oil	Pressure Jet
CA	700	Oil	Pressure Jet
CA	800	Oil	Pressure Jet
CA	1000	Oil	Pressure Jet
CA	1500	Oil	Pressure Jet
CA	2000	Oil	Pressure Jet
PAG	60	Gas	Atmospheric
PAG	80	Gas	Atmospheric
PAG	100	Gas	Atmospheric
PAG	200	Gas	Atmospheric
EA	100	Gas/Oil	Pressure Jet
EA	150	Gas/Oil	Pressure Jet
EA	200	Gas/Oil	Pressure Jet
EA	300	Gas/Oil	Pressure Jet
EA	400	Gas/Oil	Pressure Jet
EA	500	Gas/Oil	Pressure Jet
EA	600	Gas/Oil	Pressure Jet
EA	700	Gas/Oil	Pressure Jet
EA	800	Gas/Oil	Pressure Jet
EA	1000	Gas/Oil	Pressure Jet
EA	1500	Gas/Oil	Pressure Jet

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
125mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
200mm	Prima SW	Prima SW/ICS
200mm	Prima SW	Prima SW/ICS
300mm	Prima SW	Prima SW/ICS
300mm	Prima SW	Prima SW/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
150mm	Prima Plus	Prima Plus/ICS
150mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
200mm	Prima Plus	Prima Plus/ICS
200mm	Prima Plus	Prima Plus/ICS
300mm	Prima Plus	Prima Plus/ICS
300mm	Prima Plus	Prima Plus/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
200mm	Prima SW	Prima SW/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
150mm	Prima Plus	Prima Plus/ICS
150mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
200mm	Prima Plus	Prima Plus/ICS
200mm	Prima Plus	Prima Plus/ICS
300mm	Prima Plus	Prima Plus/ICS

POWRMATIC HEATERS (continued)

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
OUH	20	Oil	Pressure Jet
OUH	30	Oil	Pressure Jet
OUH	45	Oil	Pressure Jet
OUH	65	Oil	Pressure Jet
PTU/PTS	09	Gas	Pre-mix
PTU/PTS	12	Gas	Pre-mix
PTU/PTS	15	Gas	Pre-mix
PTU/PTS	25	Gas	Pre-mix
PTU/PTS	30	Gas	Pre-mix
PTU/PTS	35	Gas	Pre-mix
PTU/PTS	40	Gas	Pre-mix
PTU/PTS	45	Gas	Pre-mix
PTD	09	Gas	Pre-mix
PTD	12	Gas	Pre-mix
PTD	15	Gas	Pre-mix
PTD	25	Gas	Pre-mix
PTD	30	Gas	Pre-mix
PTD	35	Gas	Pre-mix
PTD	40	Gas	Pre-mix
PTD	45	Gas	Pre-mix

ROBERTS GORDON

Appliance		Appliance Operation	
<i>Model</i>	<i>Size</i>	<i>Fuel</i>	<i>Burner Type</i>
Blackheat U-Tube	BH15UT	Gas	Pre-mix
Blackheat U-Tube	BH20UT	Gas	Pre-mix
Blackheat U-Tube	BH25UT	Gas	Pre-mix
Blackheat U-Tube	BH30UT	Gas	Pre-mix
Blackheat U-Tube	BH35UT	Gas	Pre-mix
Blackheat U-Tube	BH40UT	Gas	Pre-mix
Blackheat U-Tube	BH45UT	Gas	Pre-mix
Blackheat U-Tube	BH50UT	Gas	Pre-mix
Blackheat Linear	BH15ST	Gas	Pre-mix
Blackheat Linear	BH20ST	Gas	Pre-mix
Blackheat Linear	BH25ST	Gas	Pre-mix
Blackheat Linear	BH30ST	Gas	Pre-mix
Blackheat Linear	BH35ST	Gas	Pre-mix

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
100mm	Prima Plus	Prima Plus/ICS
100mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima Plus	Prima Plus/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
125mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS
150mm	Prima SW	Prima SW/ICS

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS

ROBERTS GORDON (continued)

Appliance	Appliance Operation		
Model	Size	Fuel	Burner Type
Blackheat Linear	BH40ST	Gas	Pre-mix
Blackheat Linear	BH45ST	Gas	Pre-mix
Blackheat Linear	BH50ST	Gas	Pre-mix
Blackheat Double Linear	BH30DL	Gas	Pre-mix
Blackheat Double Linear	BH40DL	Gas	Pre-mix
Blackheat Double Linear	BH50DL	Gas	Pre-mix
Blackheat Double Linear	BH60DL	Gas	Pre-mix
Blackheat Double Linear	BH70DL	Gas	Pre-mix
Combat CTUA	22	Gas	Pre-mix
Combat CTUA	30	Gas	Pre-mix
Combat CTUA	40	Gas	Pre-mix
Combat CTUA	50	Gas	Pre-mix
Combat CTUA	60	Gas	Pre-mix
Combat CTUA	75	Gas	Pre-mix
Combat CTUA	90	Gas	Pre-mix
Combat CTUA	100	Gas	Pre-mix
Combat CTUA	115	Gas	Pre-mix
Combat PGP/ECA	15	Gas	Pre-mix
Combat PGP/ECA	20	Gas	Pre-mix
Combat PGP/ECA	30	Gas	Pre-mix
Combat PGP/ECA	40	Gas	Pre-mix
Combat PGP/ECA	50	Gas	Pre-mix
Combat PGP/ECA	60	Gas	Pre-mix
Combat PGP/ECA	70	Gas	Pre-mix
Combat PGP/ECA	80	Gas	Pre-mix
Combat PGP/ECA	100	Gas	Pre-mix
Combat POP/ECA	15	Oil	Pressure Jet
Combat POP/ECA	20	Oil	Pressure Jet
Combat POP/ECA	30	Oil	Pressure Jet
Combat POP/ECA	40	Oil	Pressure Jet
Combat POP/ECA	50	Oil	Pressure Jet
Combat POP/ECA	60	Oil	Pressure Jet
Combat POP/ECA	70	Oil	Pressure Jet
Combat POP/ECA	80	Oil	Pressure Jet
Combat POP/ECA	100	Oil	Pressure Jet
Combat High Flow	HF30/40/50	Gas	Pressure Jet
Combat High Flow	HF30/40/51	Oil	Pressure Jet
Dual Air	75/90/100/115	Gas	Pressure Jet

Flue Size

<i>Internal Dia mm</i>	<i>Internal use</i>	<i>External use</i>
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
100mm	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
180mm	Prima SW	Prima SW/ICS
230mm	Prima SW	Prima SW/ICS
230mm	Prima SW	Prima SW/ICS
230mm	Prima SW	Prima SW/ICS
230mm	Prima SW	Prima SW/ICS
230mm	Prima SW	Prima SW/ICS
180mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
180mm	Prima Plus	Prima Plus/ICS
230mm	Prima Plus	Prima Plus/ICS
230mm	Prima Plus	Prima Plus/ICS
230mm	Prima Plus	Prima Plus/ICS
230mm	Prima Plus	Prima Plus/ICS
230mm	Prima Plus	Prima Plus/ICS
230mm	Prima Plus	Prima Plus/ICS
230mm	Prima Plus	Prima Plus/ICS
230mm	Prima Plus	Prima Plus/ICS
180mm	Prima SW	Prima SW/ICS
180mm	Prima Plus	Prima Plus/ICS
130mm	Prima SW	Prima SW/ICS

**ICS**

Twin wall insulated chimney system for gas, oil, wood and multifuel appliances and open hearths.

Residential and commercial applications.

80–705mm internal diameters.

For atmospheric, condensing and pressure appliances.

Wet or dry flue and chimney operating conditions.

**ICID**

Quick assembly twin wall insulated chimney system for gas, oil, wood and multifuel appliances and open hearths.

Residential and small commercial applications.

125–300mm internal diameters.

Quick assembly twist-lock joint.

For class 1 chimneys, atmospheric and condensing appliances.

**Prima**

Single wall stainless steel flue system.

80–755mm diameter range.

Prima Plus 1mm for domestic multi fuel stoves.

Prima Plus for large residential and commercial condensing gas and oil appliances and chimney relining.

Prima SW for commercial warm air heaters, gas and oil venting and particle/fume extraction.

**Flexible Liners**

For relining existing chimneys to take gas, oil, wood, multifuel appliances and open fires.

Single skin Wonderflex and Triplelock for gas and oil (28 sec).

Twin skin Turboflex Plus for oil, wood, multifuel and open fires.

80–400mm diameter range.

**Schiedel Rite-Vent**

Crowther Estate

Washington

Tyne & Wear NE38 0AQ

Tel. +44 (0)191 416 1150

Fax. +44 (0)191 415 1263

sales@rite-vent.co.uk

www.rite-vent.co.uk

A company of

