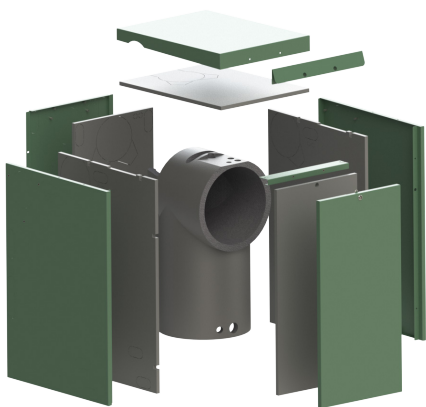
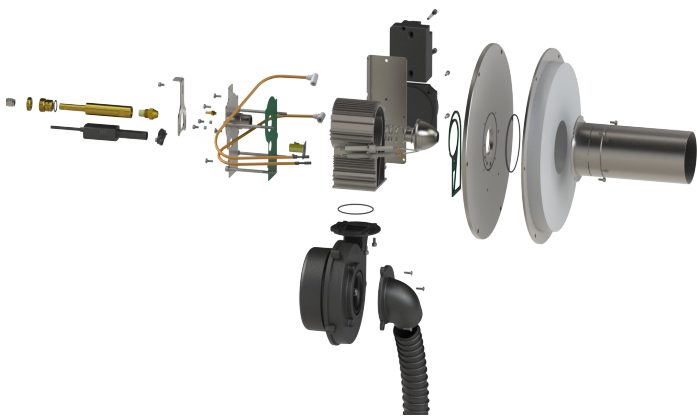




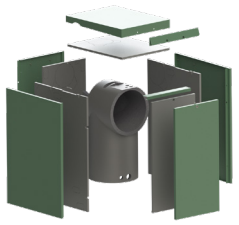
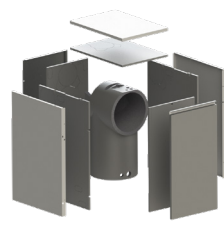
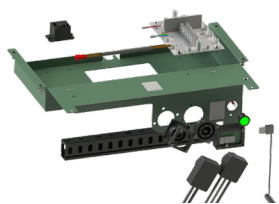
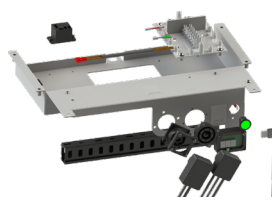
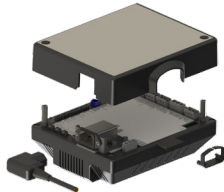
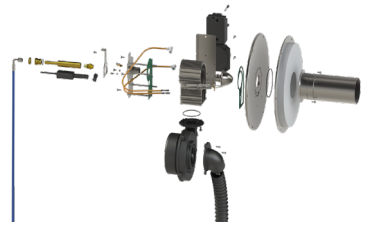
## Spare Parts Lists Sapphire Heat Only Internal and External Models



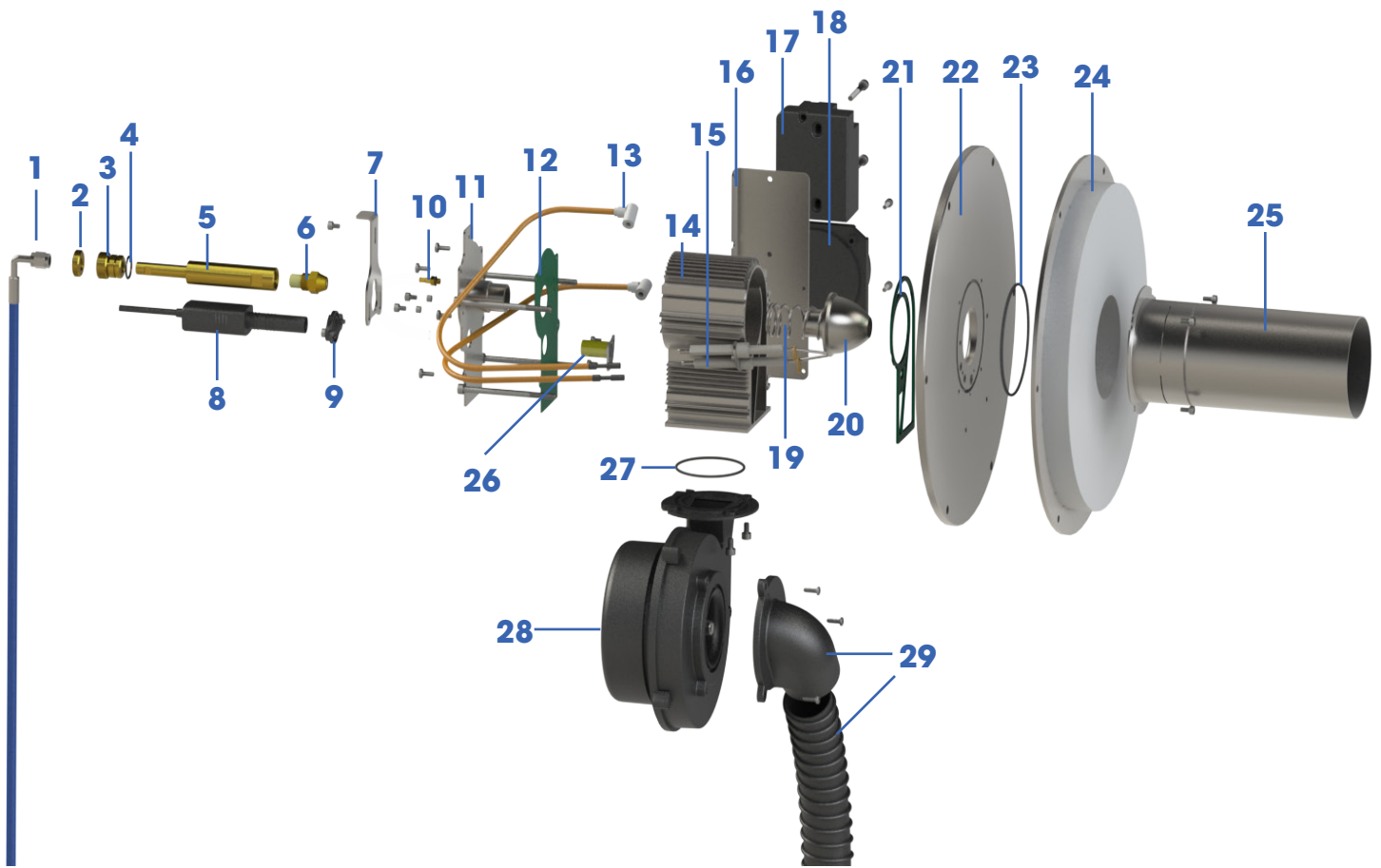


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# Burner Exploded View



**Fig. 1**

# Burner Exploded View

Labelled Number	Part Number	Description
1	SS-BURN-055-01	Flexible Oil line 700mm M10-A-18M
2	SS-BURN-014-01	Nozzle Holder Locking Screw
3	SS-BURN-013-01	Nozzle Holder Adjuster
4	SS-BURN-015-01	Nozzle Holder O-Ring (21x6)
5	SS-BURN-012-01	Nozzle Holder
6	D01-030H8306	0.40 x 80 EH (23kW Version)
	D01-030H8308	0.50 x 80 EH (28kW Version)
	D01-030H8310	0.55 x 80 EH (32kW Version)
7	SS-BURN-009-01	Nozzle Holder Locking Plate
8	SS-WIRE-001-01	KLC20/24 24V DC Flame Detector 450 mm Cable Only
	SS-LOOM-005-01	KLC, EBI, Pressure Switch Burner Wiring Loom
9	B14-0003	KLC Mounting Flange
10	SS-BURN-010-01	Air Pressure test point (incs seal)
11	SS-BURN-008-01	Fan Housing Plate
12	SS-BURN-007-02	Air box to housing plate sealing gasket FKM V2
13	E80-0601	HT Leads (Sold Individually)
14	SS-BURN-006-01	Air Box 73mm
15	SS-BURN-005-02	Ignition electrode set (incs Electrodes, Bolt, Plate and Gasket)
	SS-BURN-052-02	Electrode Gasket Washer 1mm
16	SS-CASE-027-01	Transformer PR/SW Bracket
17	SS-BURN-048-01	EBI Ignition Transformer 230v
	SS-LOOM-005-01	KLC, EBI, Pressure Switch Burner Wiring Loom
18	SS-BURN-050-01	Air Pressure Switch DL2 with Plastic Cover/Screw
	SS-LOOM-005-01	KLC, EBI, Pressure Switch Burner Wiring Loom
19	SS-BURN-018-01	Nozzle Head Spring
20	SS-BURN-016-01	Nozzle head 16mm (23kW Version)
	SS-BURN-017-01	Nozzle head 19mm (28/32kW Version)
21	SS-BURN-002-03	Air box to flange sealing gasket - V3 FKM
22	SS-BURN-001-02	Flange Plate V2
23	SS-BURN-044-01	Graphite Seal - Fan Seal (18cm)
24	SS-BURN-031-01	Mounting flange gasket
25	SS-BURN-053-01	140mm Blast tube base 1mm Slots (23kW Version)
	SS-BURN-054-01	140mm Blast tube with 3mm base (28kW & 32KW Versions)
26	SS-BURN-003-01	Sight Glass
	SS-BURN-004-01	Sight Glass tube
27	SS-BURN-020-03	Fan Motor ORing 52x3.5mm Nitrile
28	SS-BURN-033-01	Fan Motor
29	SS-HOSEKIT-001-01	1.5m Air Intake Hose kit (incs hose, Burner/Flue Adaptor & Gasket)

# Boiler Exploded Components View

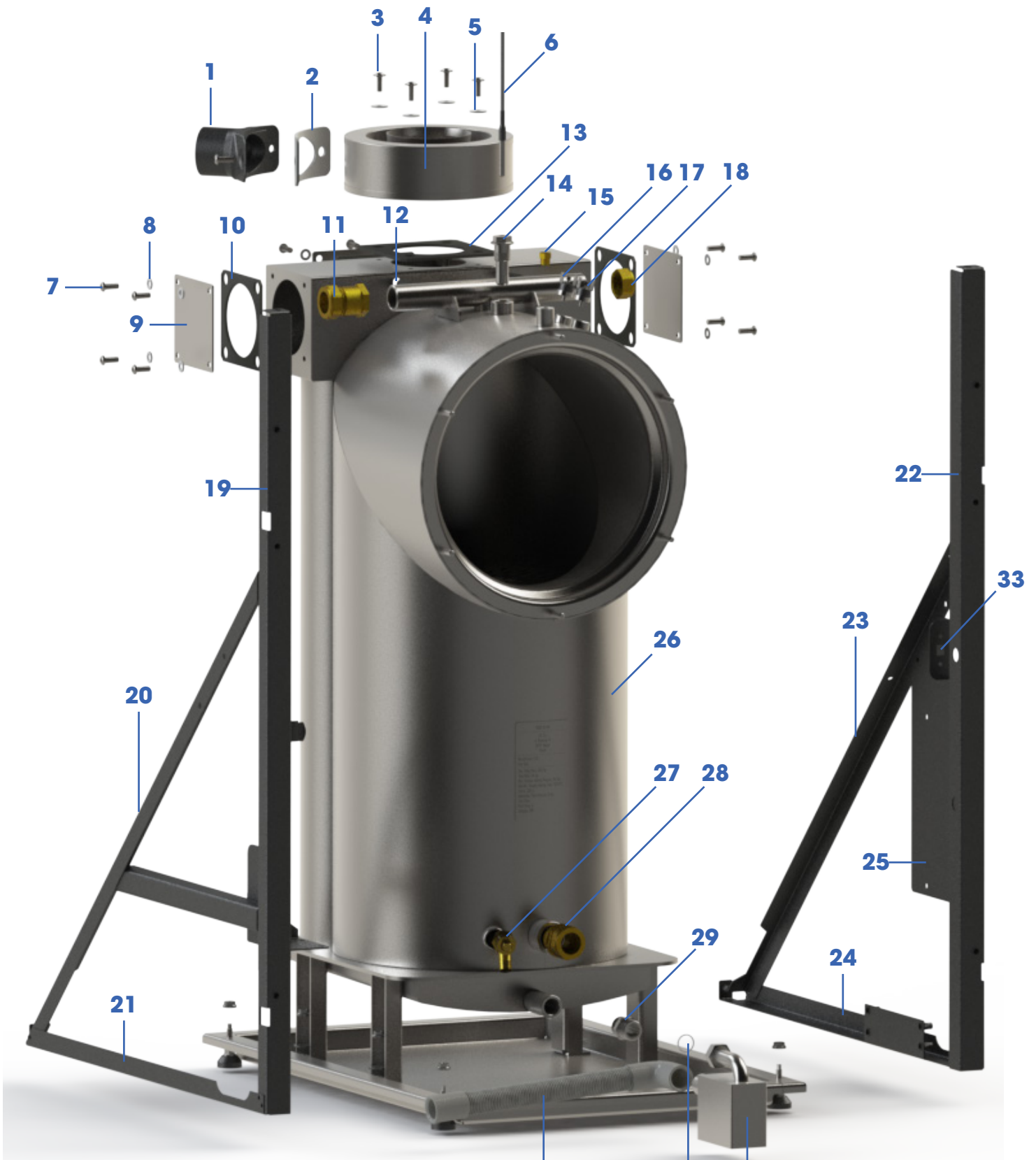
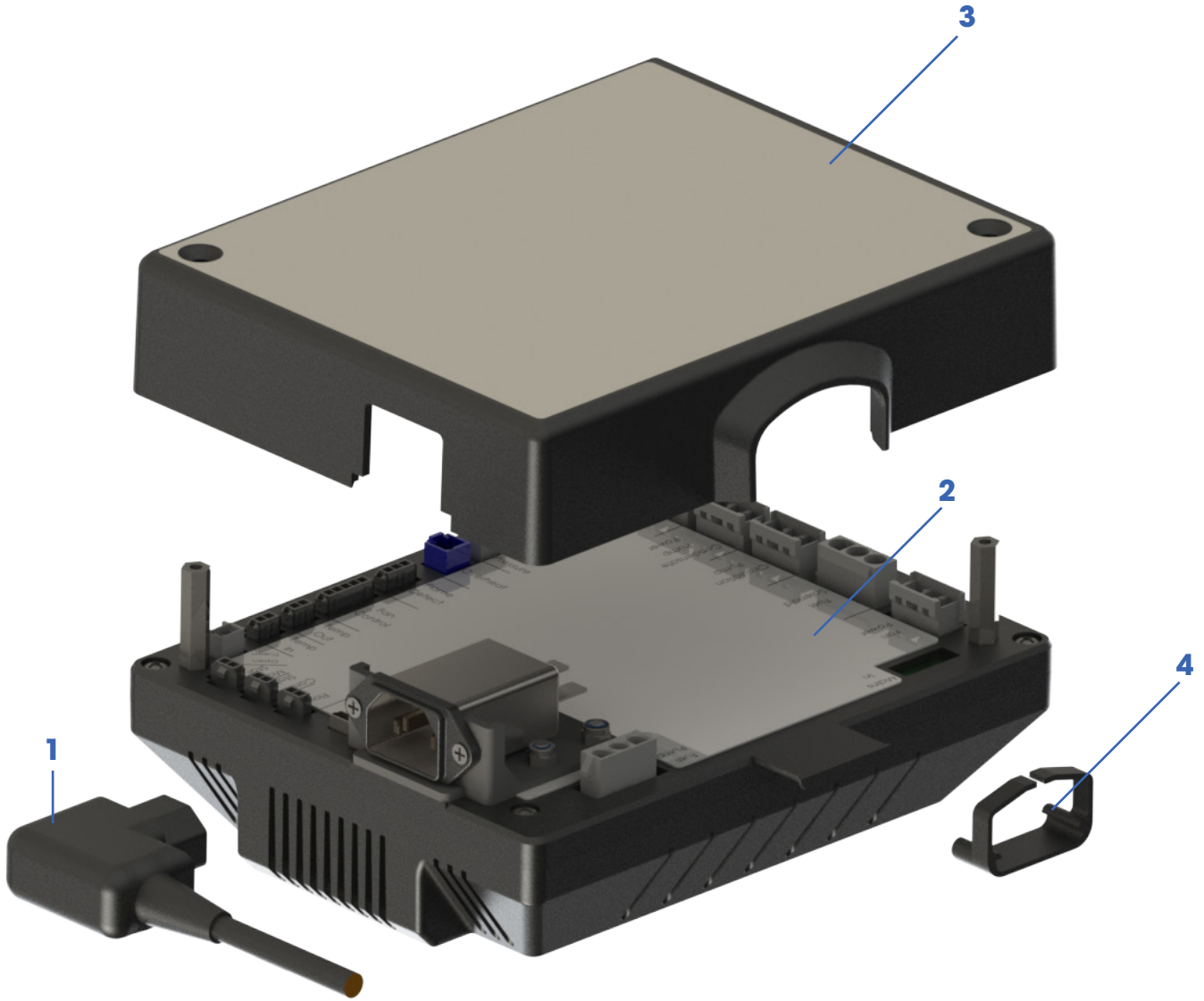


Fig. 2

# Boiler Exploded Components View

Labelled Number	Part Number	Description
1	SS-HOSEKIT-001-01	1.5m Air Intake Hose kit (incs hose, Burner/Flue Adaptor & Gasket
2	SS-ACCESS-008-01	Flue Air Adaptor Intake gasket
3	SS-ACCESS-018-01	M6 X 16 Hex Socket Flanged SS Button Head
4	SS-ACCESS-004-01	Air Intake Flue Adaptor
5	E80-406-502-018-00	M6 x 12 x 1.5 PTFE Washer
6	SS-LOOM-009-01	PT sensor cable
7	SS-ACCESS-006-01	M6 x 16 Hex Socket SS Button Head
8	E80-406-502-018-00	M6 x 12 x 1.5 PTFE Washer
9	SS-HEX-009-01	HEX Flue Blanking Plates
10	SS-HEX-030-01	HEX Blanking Plate Gasket - Viton 3mm
11	SS-ACCESS-002-01	3/4" to 22mm Straight Compression Adaptor Female
12	SS-HEX-008-03	Flue Gas Analysis EPDM Plug
13	SS-HEX-010-05	HEX Flue Adaptor Gasket - Viton 3mm V3
14	SS-HEX-003-02	Thermostat Pocket V2
15	SS-HEX-004-01	Air Vent - 1/8" BSP PM
16	SS-HEX-005-01	Secondary Overheat Stat 110 degrees
17	SS-HEX-006-01	Primary Overheat Stat 95 degrees
	SS-LOOM-013-01	Primary Overheat Stat cable - Stat to PCB Loom
18	SS-ACCESS-001-01	3/4" BSP Stop Cap & Washer
19	SS-CASE-019-03	Left hand frame upright with pump bracket arm support- BLACK
20	SS-CASE-017-02	Left-Hand Angled Frame Support - BLACK
21	SS-CASE-016-02	Left hand bottom frame BLACK
22	SS-CASE-020-02	Right hand frame upright - BLACK
23	SS-CASE-018-02	Right-Hand Angled Frame Support - BLACK
24	SS-CASE-015-02	Right hand bottom frame BLACK
25	SS-CASE-029-02	Controls Support plate - BLACK
26	SS-HEX-001-02	Heat Exchanger - 32kw + Tray
27	SS-HEX-002-01	1/2" BSP Drain Cock
28	SS-ACCESS-003-01	3/4" to 22mm Straight Compression Adaptor Male
29	SS-TRAP-006-02	Trap Union Nipple (Stainless Steel 316)
30	SS-ACCESS-027-01	Condensate Flexi Pipe
31	SS-TRAP-007-01	Trap Union PTFE Washer
32	SS-TRAPKIT-001-01	Condensate Trap
33	SS-WIRE-008-01	USB to USB Mini Extension lead 500mm
34	SS-TRAPPUMP-003-01	Blue Diamond Mega-Blue Condensate Pump Kit (Optional)

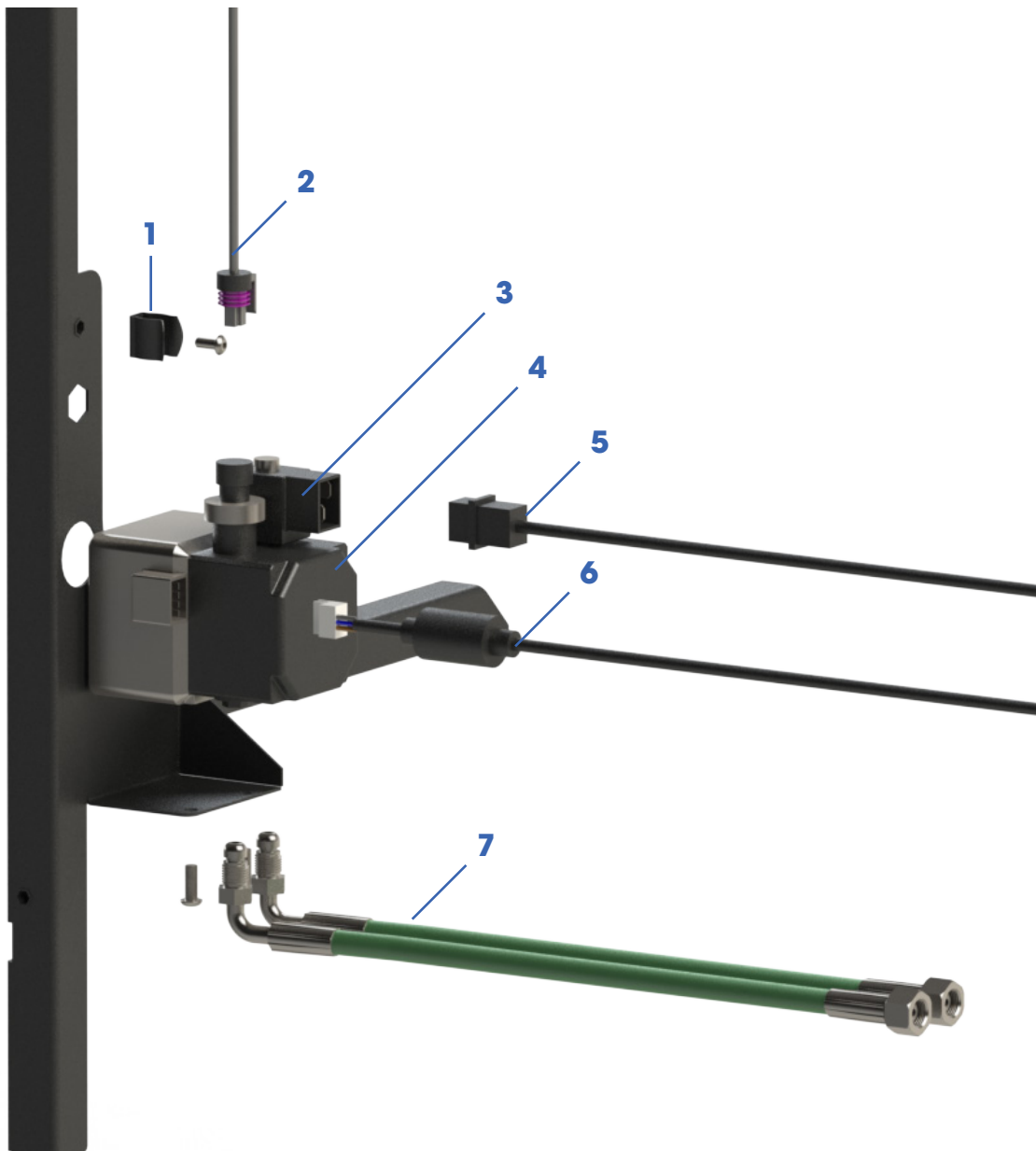
# PCB Exploded View



**Fig. 3**

Labelled Number	Part Number	Description
1	SS-LOOM-014-01	Mains supply Cable (Switch to PCB)
2	SS-PCBKIT-001-05	PCB pre made Kit (Also includes item 3)
3	SS-PCB-008-01	PCB Cable cover
4	SS-PCB-012-01	Cable capture clip

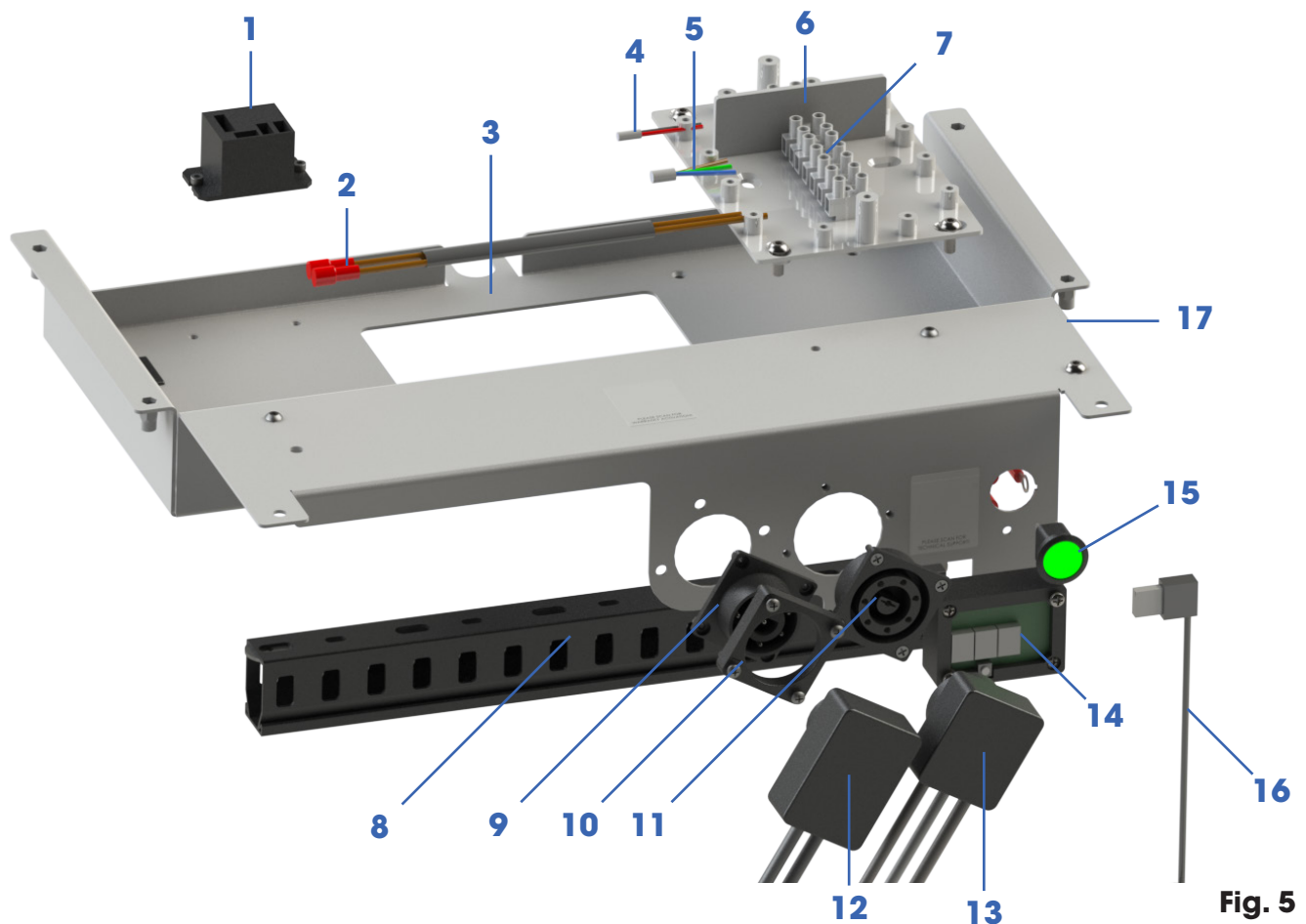
# Oil Line Connections View



**Fig. 4**

Labelled Number	Part Number	Description
1	SS-CASE-031-01	Nozzle Holder Service Support clip
2	D01-071N4215	BFPM61 Transducer lead
	SS-LOOM-021-01	Transducer Extension Cable
3	D01-071N1006	BFPM61 Solenoid coil
4	D01-071N4106	BFPM61 Oil Pump
5	SS-LOOM-010-01	BFPM61 Pump solenoid lead
	SS-LOOM-019-01	Solenoid Extension Cable
6	D01-071N4215	BFPM61 Transducer lead
	SS-LOOM-020-01	Motor Power Extension Cable
7	F08-0440-A-14M-S-14F-H	Flexible 440mm Biogreen Angled 1/4Mx1/4F

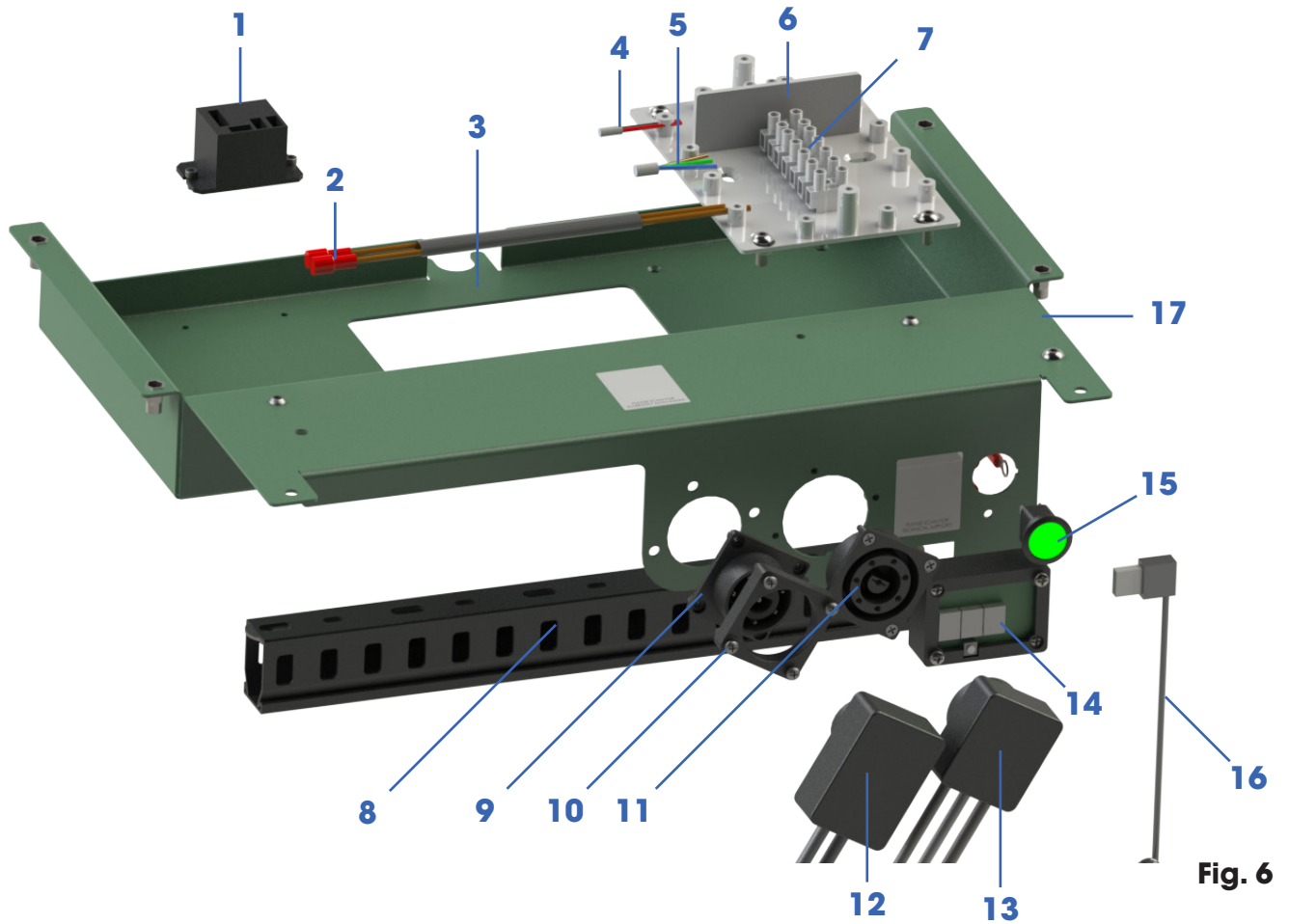
# Top Tray Exploded View (Internal)



**Fig. 5**

Labelled Number	Part Number	Description
1	SS-RELAYKIT-001-01	Switched Live Relay kit
2	SS-LOOM-012-01	Secondary Overheat Stat cable - Stat to W-Centre Loom
3	SS-CASE-026-02	Top Support Tray - BRILLIANT WHITE iss02
4	SS-LOOM-011-01	OpenTherm - PCB to W/Centre Loom
5	SS-LOOM-015-01	Circ pump - PCB to W/Centre Loom
6	SS-CASE-048-01	Wiring Centre Divider
7	H01-42002116-002	Wiring centre - 10-way junction box
8	SS-CASE-011-02	Cable Trunking (0.5m)
9	SS-LOOM-007-01	PCB to Fan Socket Loom
10	SP-CASE-013-01	Bulkin plug spacer
11	SS-LOOM-006-01	PCB to Burner Socket
12	SS-LOOM-004-01	Fan Loom
13	SS-LOOM-005-01	KLC, EBI, Pressure Switch Burner Wiring Loom
14	SS-LCDKIT-001-03	LCD Display Kit
15	SS-CASE-012-01	On/Off Switch
	SS-LOOM-008-01	Mains supply W-Centre to Switch Loom
	SS-LOOM-014-01	Mains supply Switch to PCB Loom
16	SS-WIRE-006-01	Coiled USB Angled to Angled lead
17	SS-HEX-015-01	13mm Spring clip for Fire Valve Sensor

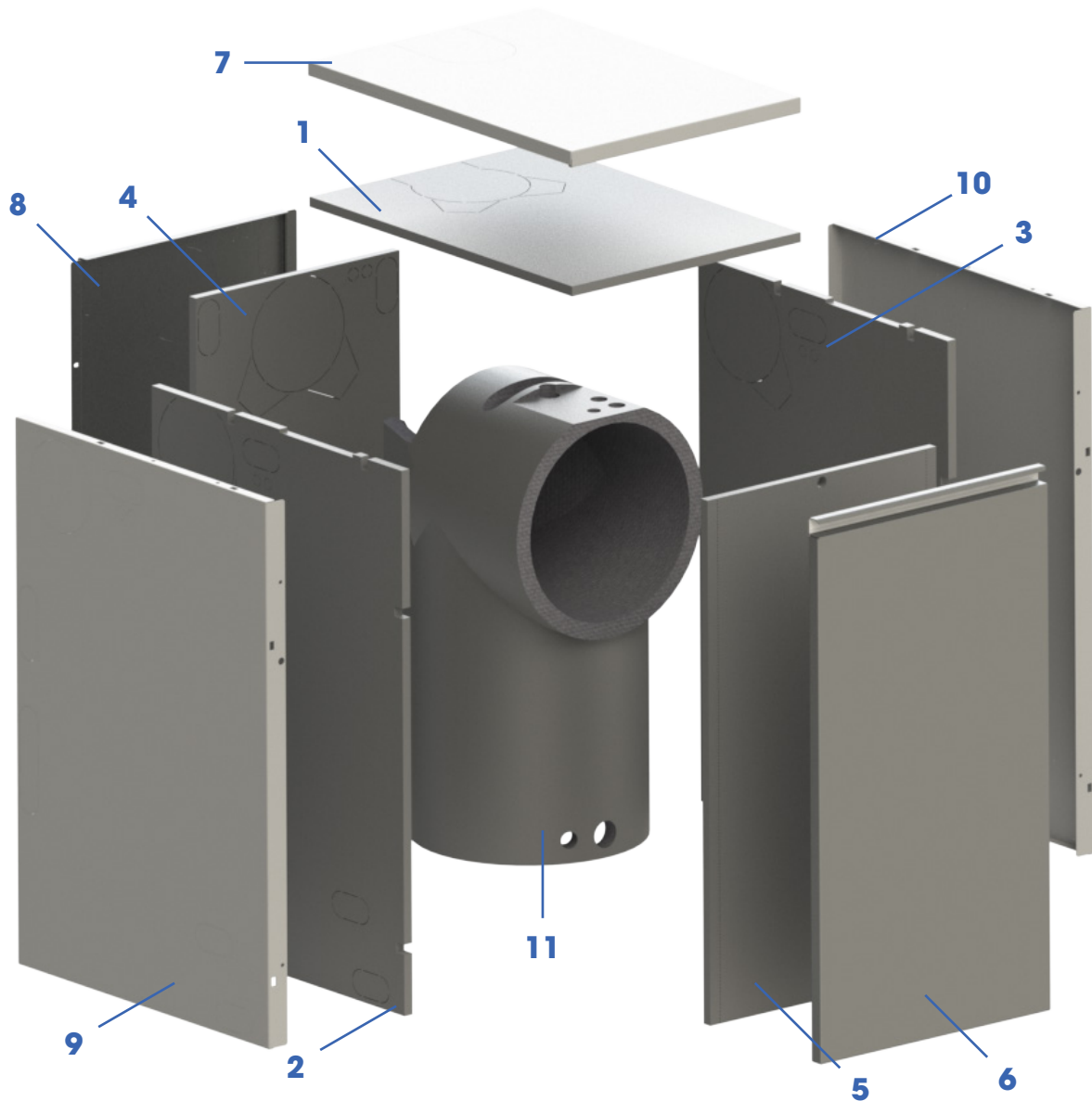
# Top Tray Exploded View (External)



**Fig. 6**

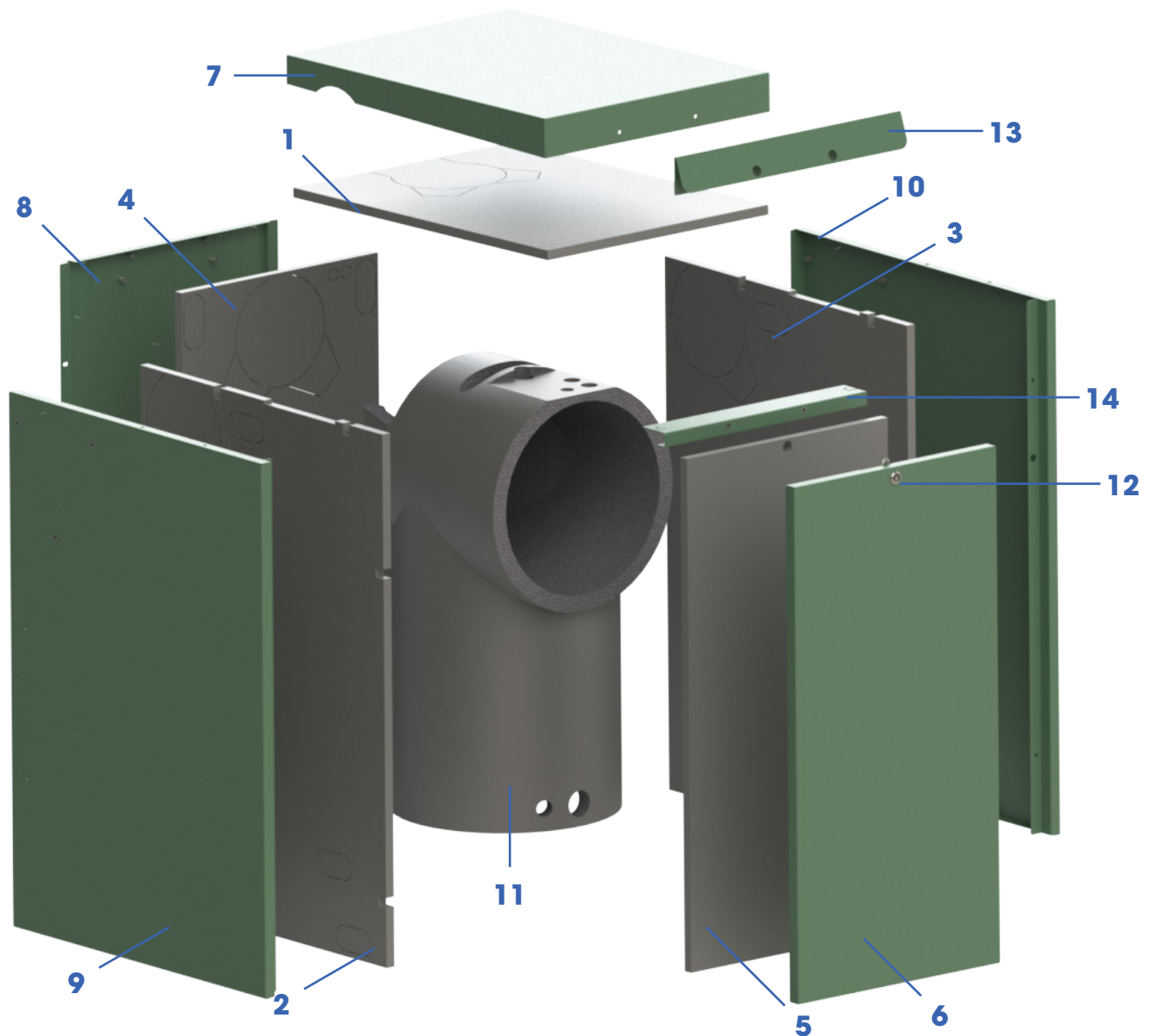
Labelled Number	Part Number	Description
1	SS-RELAYKIT-001-01	Switched Live Relay kit
2	SS-LOOM-012-01	Secondary Overheat Stat cable - Stat to W-Centre Loom
3	SS-CASE-026-02-EX	Top Support Tray - GREEN GLOSS
4	SS-LOOM-011-01	OpenTherm - PCB to W/Centre Loom
5	SS-LOOM-015-01	Circ pump - PCB to W/Centre Loom
6	SS-CASE-048-01	Wiring Centre Divider
7	H01-42002116-002	Wiring centre - 10-way junction box
8	SS-CASE-011-02	Cable Trunking (0.5m)
9	SS-LOOM-007-01	PCB to Fan Socket Loom
10	SP-CASE-013-01	Bulkin plug spacer
11	SS-LOOM-006-01	PCB to Burner Socket
12	SS-LOOM-004-01	Fan Loom
13	SS-LOOM-005-01	KLC, EBI, Pressure Switch Burner Wiring Loom
14	SS-LCDKIT-001-03	LCD Display Kit
15	SS-CASE-012-01	On/Off Switch
	SS-LOOM-008-01	Mains supply W-Centre to Switch Loom
	SS-LOOM-014-01	Mains supply Switch to PCB Loom
16	SS-WIRE-006-01	Coiled USB Angled to Angled lead
17	SS-HEX-015-01	13mm Spring clip for Fire Valve Sensor

# Boiler Exploded Casings View (Internal)



Labelled Number	Part Number	Description
1	SS-CASE-001-02	Casing Acoustic (Top Casing)
2	SS-CASE-002-02	Casing Acoustic (Left Casing)
3	SS-CASE-003-02	Casing Acoustic (Right Casing)
4	SS-CASE-004-02	Casing Acoustic (Rear Casing)
5	SS-CASE-005-02	Casing Acoustic (Door Casing)
6	SS-CASE-021-02	Boiler Casing Door - BRILLIANT WHITE - Incs Acoustic
	SS-CASE-007-01	Stud Latch M5
7	SS-CASE-022-02	Boiler Top Casing Panel - BRILLIANT WHITE - Incs Acoustic
	SS-CASE-007-01	Stud Latch M5
8	SS-CASE-023-02	Boiler Rear Casing Panel - BLACK - Incs Acoustic
9	SS-CASE-024-02	Boiler Left Casing Panel - BRILLIANT WHITE - Incs Acoustic
	SS-CASE-008-01	Clip Latch
10	SS-CASE-025-02	Boiler Right Casing Panel - BRILLIANT WHITE - Incs Acoustic
	SS-CASE-008-01	Clip Latch
11	SS-HEX-007-01	Heat Exchanger Insulation Jacket

# Boiler Exploded Casings View (External)



Labelled Number	Part Number	Description
1	SS-CASE-001-02	Casing Acoustic (Top Casing)
2	SS-CASE-002-02	Casing Acoustic (Left Casing)
3	SS-CASE-003-02	Casing Acoustic (Right Casing)
4	SS-CASE-004-02	Casing Acoustic (Rear Casing)
5	SS-CASE-005-02	Casing Acoustic (Door Casing)
6	SS-CASE-021-03-EX	Boiler Casing Door - MATT GREEN - Incs Acoustic
7	SS-CASE-022-03-EX	Boiler Top Casing Panel - MATT GREEN - Incs Acoustic
8	SS-CASE-023-03-EX	Boiler Rear Casing Panel - MATT GREEN - Incs Acoustic
9	SS-CASE-024-03-EX	Boiler Left Casing Panel - MATT GREEN - Incs Acoustic
10	SS-CASE-025-03-EX	Boiler Right Casing Panel - MATT GREEN - Incs Acoustic
11	SS-HEX-007-01	Heat Exchanger Insulation Jacket
12	SS-CASE-040-01-EX	Cam Lock Key
	SS-CASE-041-01-EX	Cam Lock
13	SS-CASE-043-03-EX	Rain Deflector Plate (Sloped) - MATT GREEN
14	SS-CASE-039-03-EX	Boiler Locking Strut



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