

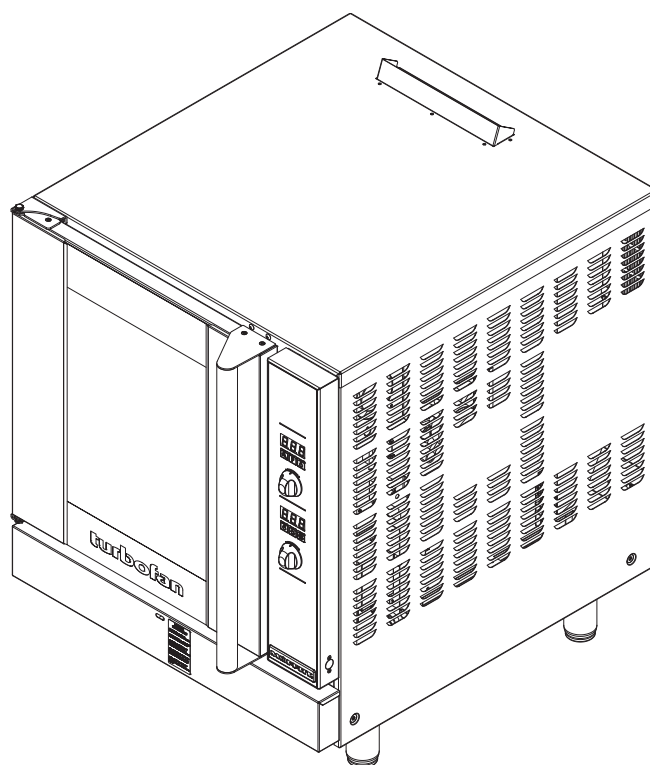


Turbofan Convection Oven

30 Series

G32D

Parts Manual



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General information

The drawings and diagrams in this manual are representative only and not to scale. They supplement the written instructions and specifications that they refer to.

Copyright

! IMPORTANT

The reproduction or copying of any part of this manual by any means whatsoever is strictly forbidden unless authorised previously in writing by Moffat Limited.

Warranty requirements

! IMPORTANT

Installations must be carried out by a certified or licensed service person only. Failure to comply will void any written or implied warranty.

! IMPORTANT

Unauthorised alterations to the oven may void warranties and approvals.

Safety information

Read the safety messages in this manual and follow the instructions carefully. Review them frequently.

Safety messages cannot cover every potential cause of injury or equipment damage but can highlight common causes of hazards. Read and understand all instructions in this manual prior to installing or servicing the oven and seek advice before operating the oven in a manner other than that described in this manual. Consult your authorised service technician before performing maintenance.

- Ensure that you and all operators of this appliance understand every safety message.
- Know and observe all safety rules that may apply to your work situation and your work site.
- Replace the user manuals and safety labels immediately if they are missing or damaged.

Recognize safety information



Safety alert symbol.
When you see this symbol in the manual or on the oven, pay special attention to the instructions.



Read the instructions before using the oven.



Risk of electric shock.



Risk of burns—hot surface.



Equipotential bonding terminal—must be connected to equipotential bonding system.



Risk of burns—hot liquid products above height level.

This manual uses the following safety symbols to indicate the level of caution required when using the oven.

⚠ DANGER

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.

⚠ WARNING

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.

⚠ CAUTION

Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates information considered important, but not hazard-related (for example, messages relating to property damage).

General safety

⚠ WARNING

Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operation, and maintenance instructions thoroughly before installing or servicing this oven.

⚠ DANGER

Instructions to be followed in the event that the oven operator smells gas must be posted in a prominent location. Obtain this information from your local gas supplier.

⚠ DANGER

Fire hazard. Do not use gasoline or other flammable substances in the vicinity of this oven. Do not spray aerosols in the vicinity of this oven while it is in operation.

⚠ WARNING

Fire hazard. The oven operator shall take great care to use the oven safely and guard against risk of fire. The oven must not be left unattended during use.

NOTICE

The oven shall be regularly inspected by a competent service person to ensure that it is in safe and correct order for operation.

SERVICE COMPONENTS

External service components 5

 Door 6

Main components (reference) 7

Electrical and switchgear components 8

Control panel (digital) 9

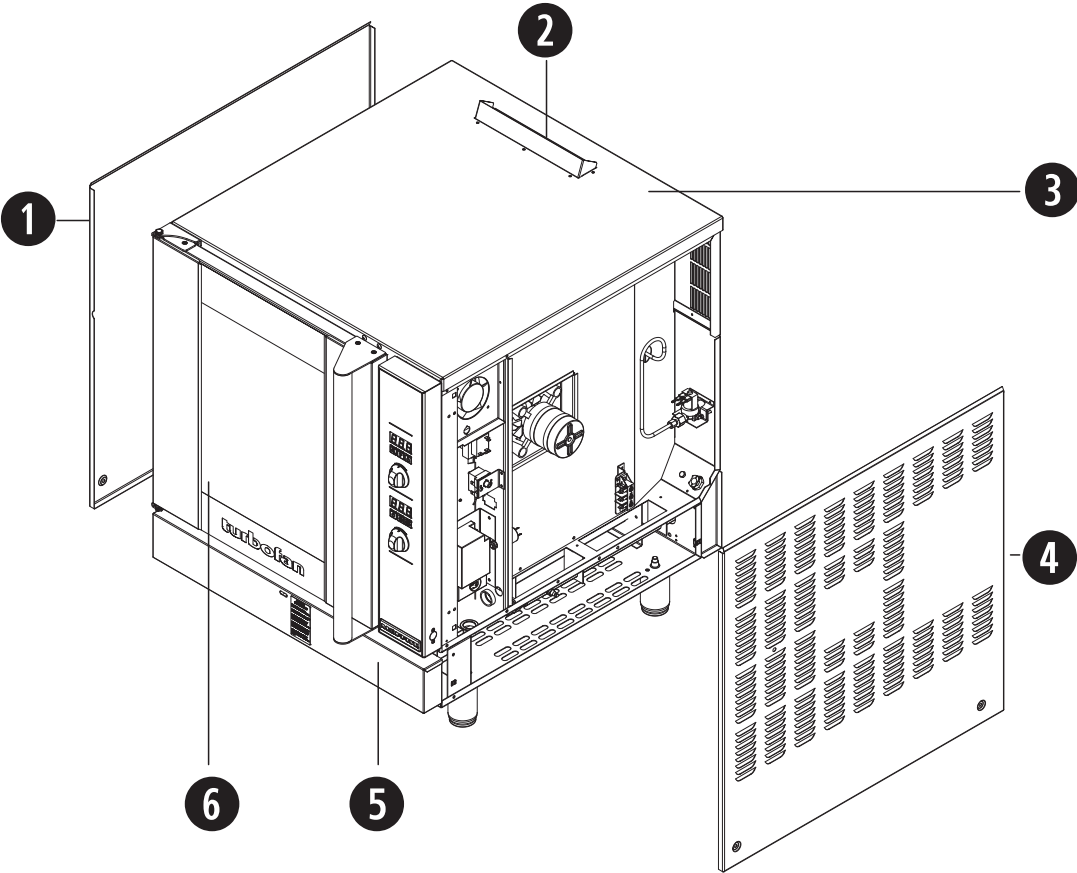
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Water solenoid 11

Heating components 12

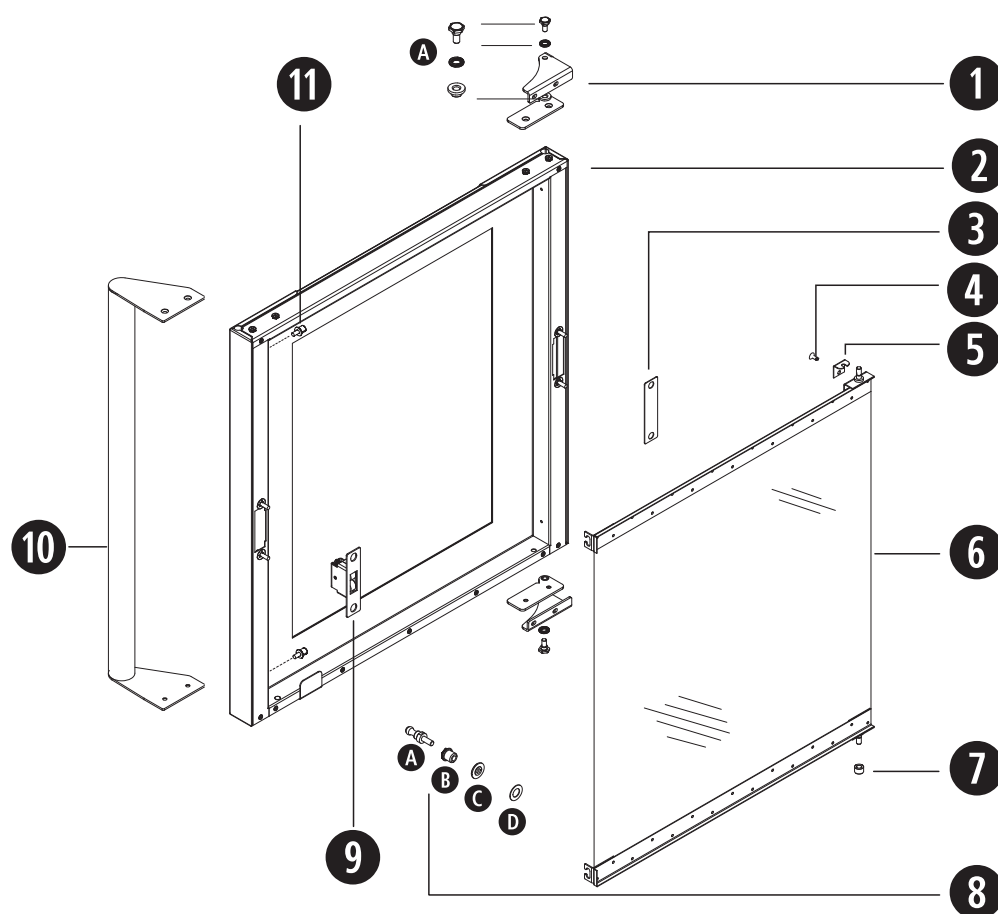
Fasteners 14

External service components



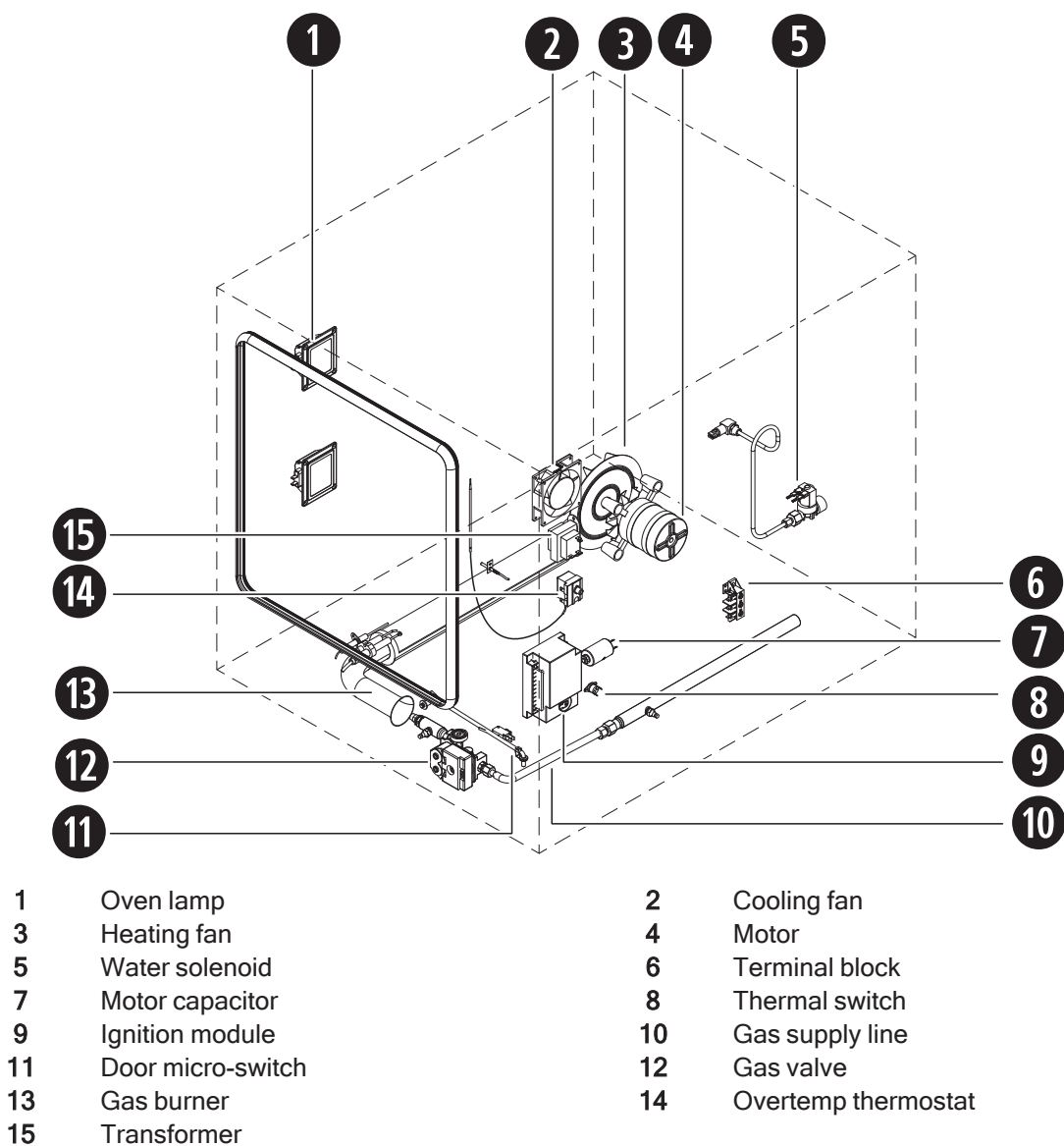
	PART NO.	DESCRIPTION
1	234223	Side Cover LH
2	232961	Vent Shield
3	232912	Top Panel
4	232210	Side Cover RH
5	233533	Sill
6	234583	Door Assembly (Complete)

Door

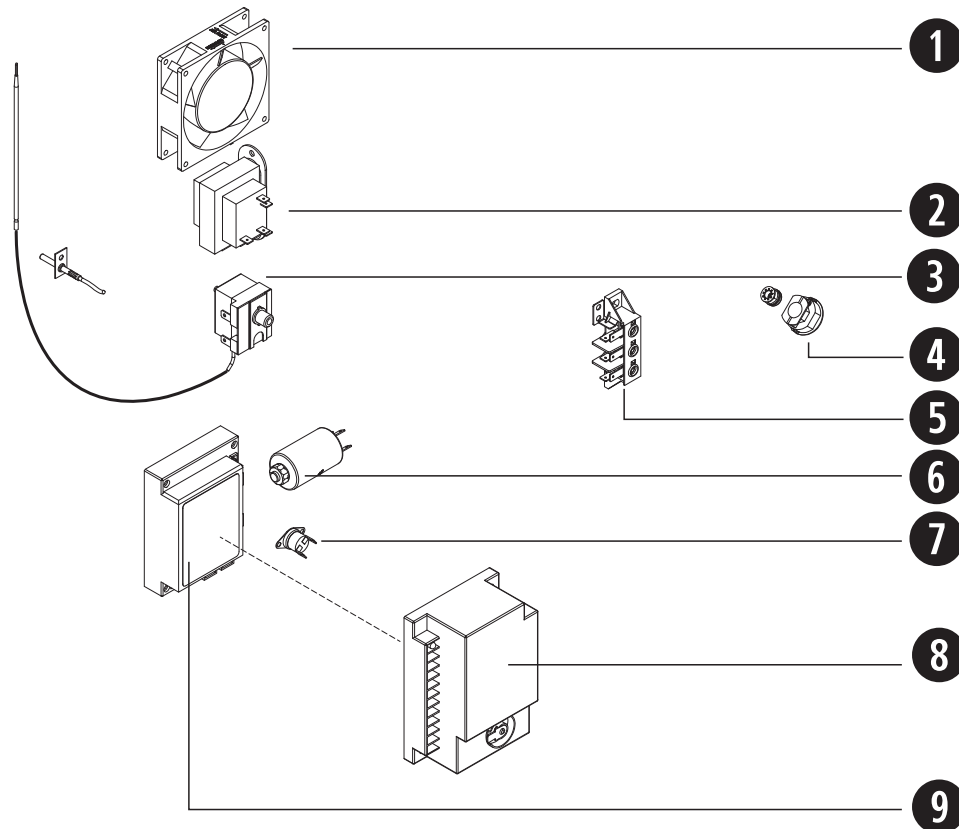


	PART NO.	DESCRIPTION	CONTENTS (KIT ONLY)
1	234930	Door Hinge Assembly Kit	Door Hinge Assy Bottom Door Hinge Assy Top
A	234752	Hinge Pivot Kit	Door Hinge Pivot Pin Washer M8 Nord-Lock T316 Door Hinge Pivot Bush
2	235275	Door Outer Glass Assembly	
3	234725	Door Catch Blanking Plate	
4	041045	Screw 8 x 3/8 inches Truss HD Phl NP	
5	234779	Inner Glass Retaining Clip	
6	234757	Door Inner Glass Assy	
7	-	Door Catch	
A	235277	Door Roller Catch Strike Pin	
B	235278	Strike Locking Nut	
C	235104	Door Strike Pin Escutcheon	
D	235105	Door Strike Escutcheon Washer	
8	234767	Inner Glass Pivot Spacer	
9	234580	Door Roller Catch	
10	234581	Door Handle WA	
11	234818	Inner Glass Latching Bush	

Main components (reference)

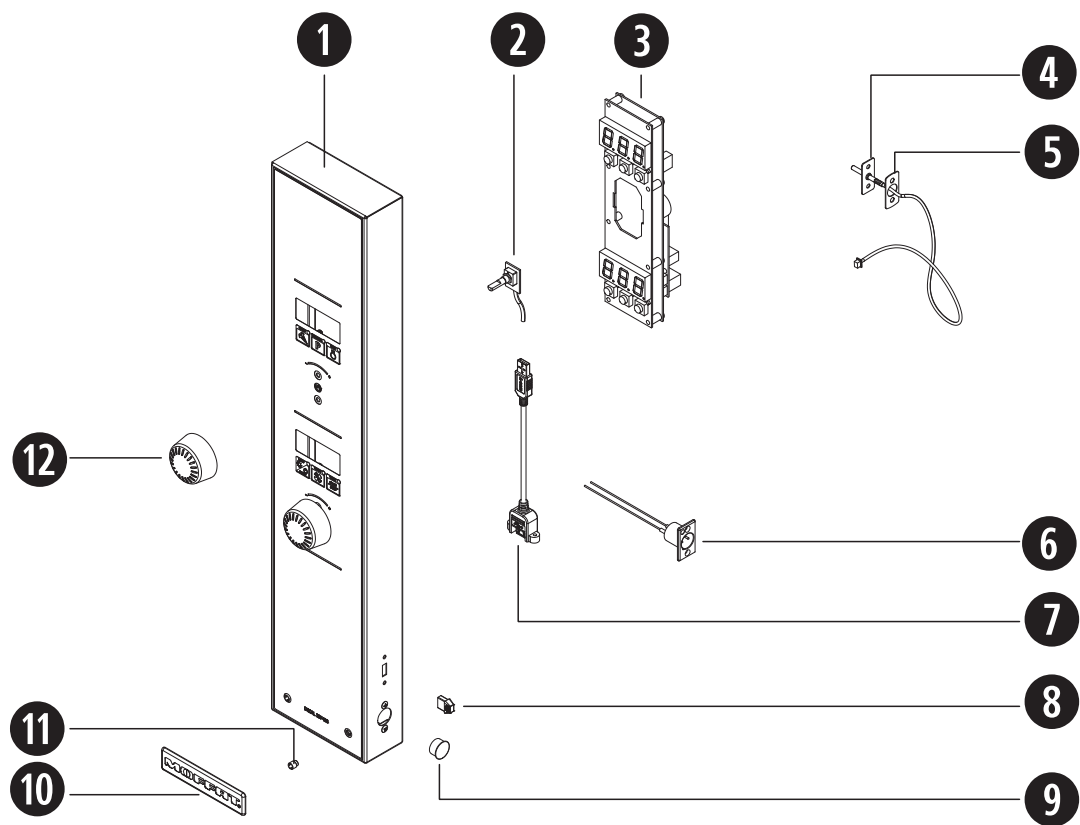


Electrical and switchgear components



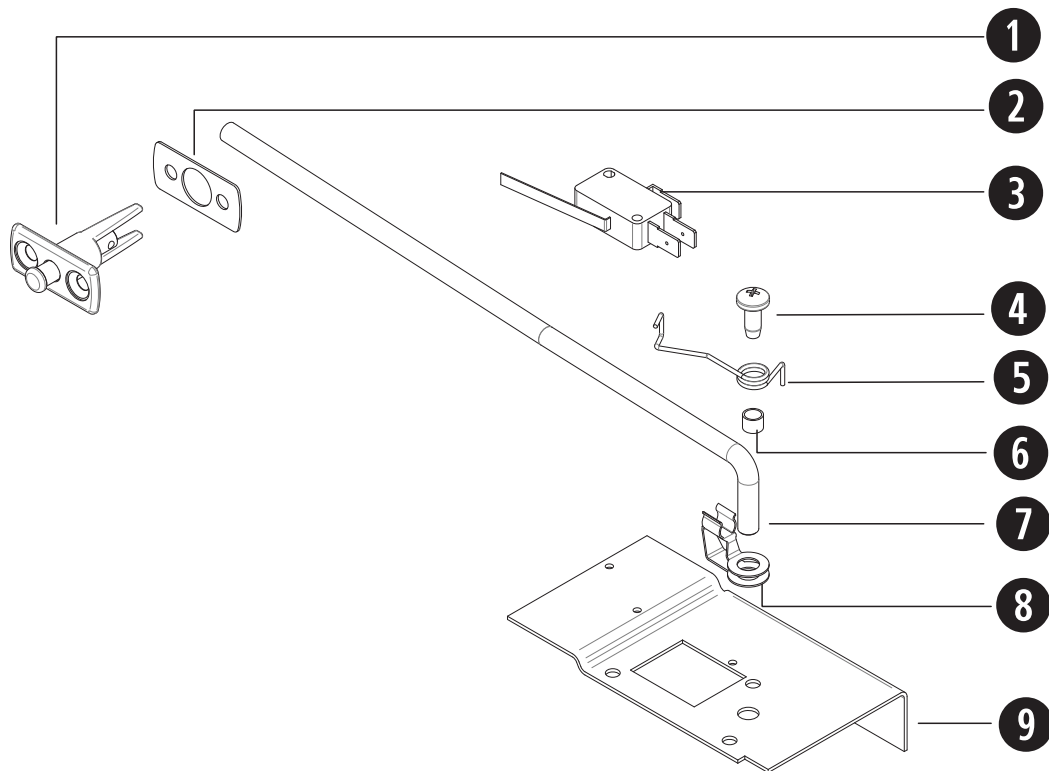
	PART NO.	DESCRIPTION
1	234460	Cooling Fan 230 V 50/60 Hz
	234461	Cooling Fan 115 V 50/60 Hz
2	234429	Transformer 208/240v X 12 VAC Sec 20 VA
	234430	Transformer 110/120 V X 12 VAC Sec 15 VA
3	025400	Overtemp Thermostat 360 °C
4	233870	Cable Clamp PA107
5	026160	Terminal Block FV110B
6	234875	Capacitor 3uf 208-240 V
	232552	Capacitor 12uf 110-120 V
7	232964	Thermal Switch 110 °C
8	234459	Ignition Module 110-120 V
9	230691	Ignition Box - Brahma CE11U 208-240 V

Control panel (digital)



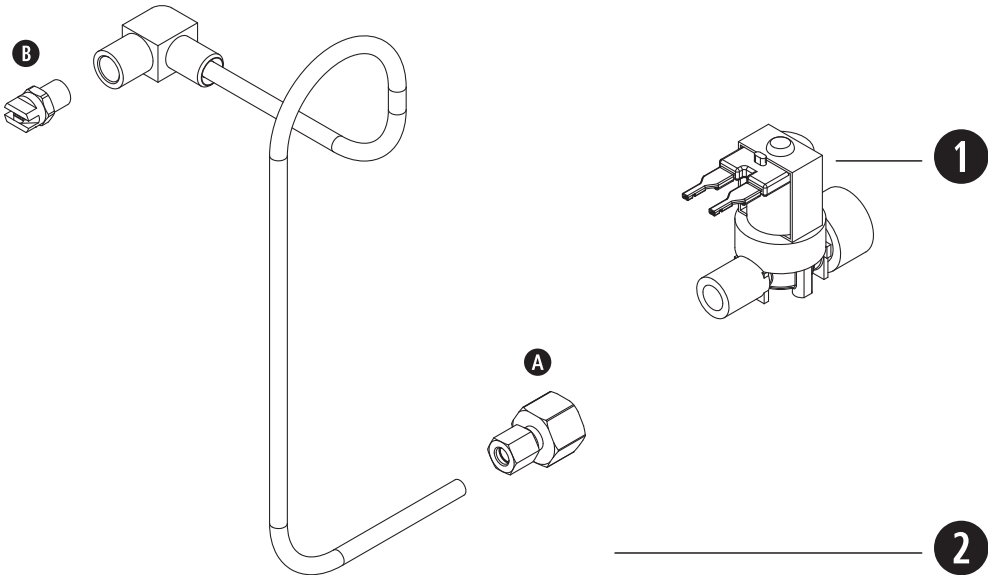
	PART NO.	DESCRIPTION
	242320	5-way Mate-n-Lok Connector / Plug Kit (Not Shown)
	242321	3-way Mate-n-Lok Connector / Plug Kit (Not Shown)
	242322	2-way Mate-n-Lok Connector / Plug Kit (Not Shown)
	748019	Screw M4 x 10 Taptite Pan Pozi ZP (Not Shown)
1	243255	Control Panel Laminated E32D/E33D USB
2	243260	Rotary Encoder and Cable
3	247184	Digital Controller Kit 30D USB-series
4	237447	Temp Probe PT1000 31D/32D/33D
5	236885	Temp Probe Gasket
6	235846	Panel Socket Core Temp - D Series
7	235700	USB Cable Panel Mount Type a 0.3 m
8	235701	USB Protective Cap Type A
9	236192	Dome Plug 15.9
10	233865	Badge Moffat
11	228132	Tube Clip #5
12	243261	Rotary Control Knob

Door micro-switch



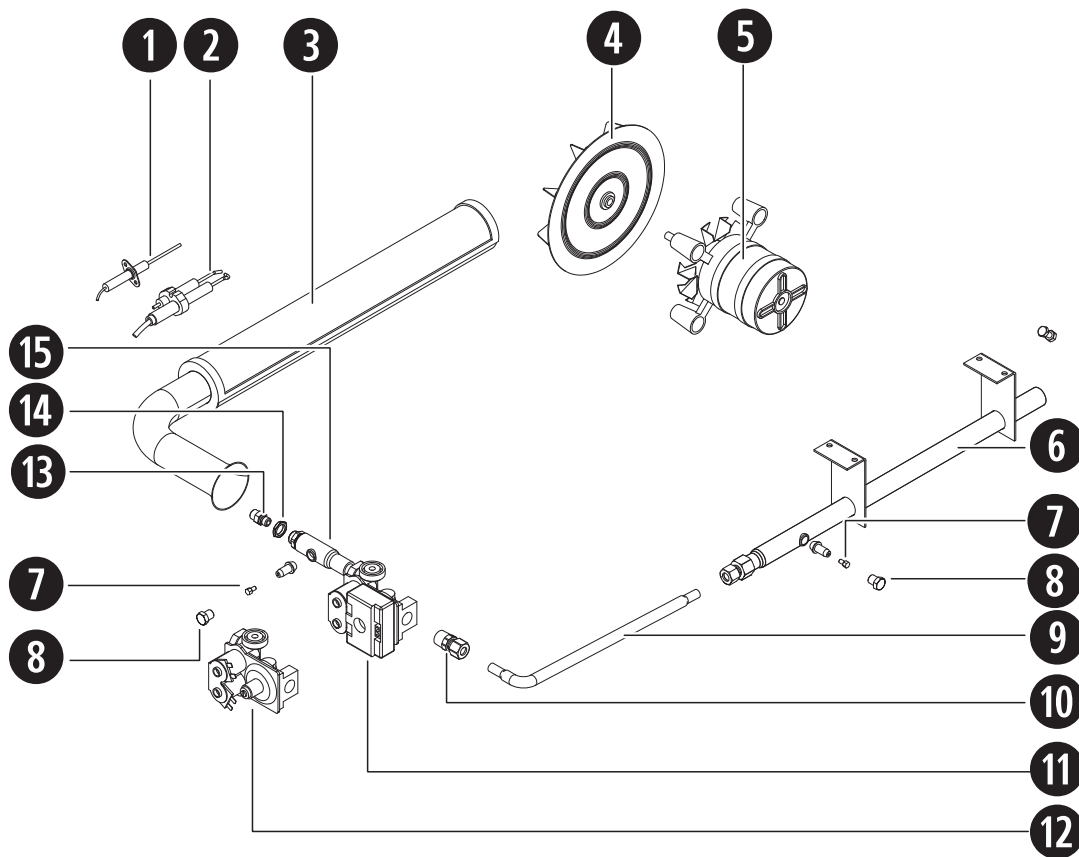
	PART NO.	DESCRIPTION
1	236880	Microswitch Button Assembly
2	236885	Microswitch Button Gasket
3	024802	Door Microswitch
4	041043	Screw M5 x 12 Taptite PHIL
5	235354	Microswitch Return Spring E32
6	003397	Spacer Plated
7	236886	Microswitch Rod
8	017929	Damper Rod Clip
9	232911	Microswitch Bracket

Water solenoid



	PART NO.	DESCRIPTION
-	025922	Adaptor Brass ¾ inch BSP (USA / Canada Only)
-	021527	Washer Rubber (USA / Canada Only)
1	020851	Water Solenoid
2	241800	Water Tube Assembly Kit
A	020869	Female Connector
B	021057	Spray Nozzle

Heating components



	PART NO.	DESCRIPTION
1	025071	Flame Sensor
	022909	Ignition Electrode Assembly (Complete - Universal Voltage)
2	024127	Spark Electrode, 110 - 120 V Units Only
	235550	Spark Electrode, 220 - 240 V Units Only
3	004952	Burner
4	232903	Fan 7"/175 mm
5	232904	Fan Motor 208-240 V, 50/60 Hz
	232905	Fan Motor 120 V, 60 Hz
6	233547	G32 Supply Pipe Assembly - BSP AU NZ KR UK XP
	233548	G32 Supply Pipe Assembly - NPT US CA JP
7	026060	Pressure Test Point Plug AU NZ KR UK XP
8	015311	Pressure Test Point Plug US CA JP
9	024156	Flextube Dormont T6x12
10	021288	Male Connector Assembly 3/8" X 3/8" BSPT
11	019370	Gas Valve G32 208-240 V
12	234458	Gas Valve G32 110-120 V
	241776	120 V Solenoid Coil (110-120 V Units Only)
	015627	LPG Spring Kit
	016405	Nat Spring Kit
13	032270	Injector 2.70 mm - Nat UK US CA
	032280	Injector 2.80 mm - Nat AU NZ KR XP

	032170	Injector 1.7 mm - LPG / But
14	025093	Locknut M14 X 1
15	234265	G32 Injector Pipe Assy - EU AA NZ KR UK XP

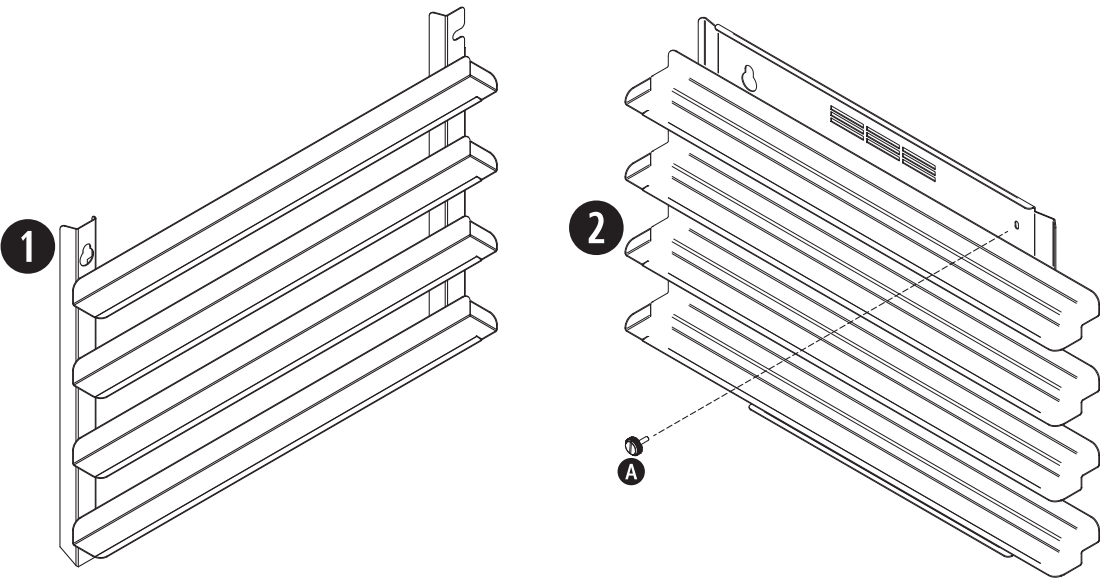
Fasteners

FASTENER	PART NO.	DESCRIPTION
	041010	4 x 5/8 in. Pan Head Pozi
	041022	6 x 3/8 in. Pan Head Pozi S/T ZP
	041036	8B x 3/8 in. Pan head Phillips
	041043	M5 x 12 Taptite Head Phillips
	041045	8 x 3/8 in. Truss Head Phillips
	041065	8 x 3/8 in. Pan Head Pozi S/S
	041070	8 x 3/4 in. Mushroom Head Phillips
	041407	M6x10 Pan Slot ST/ST
	041410	3/4 x 316 in. BSW Mushroom Head Phillips
	041434	M4 x 35 Pan Head Pozi
	041633	M6 x 16 Hex HD Set ST/ST
	748049	M5 x 20 Pan head Phillips

ACCESSORIES

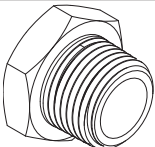
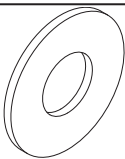
Main accessories

Supplied accessories (fitted)



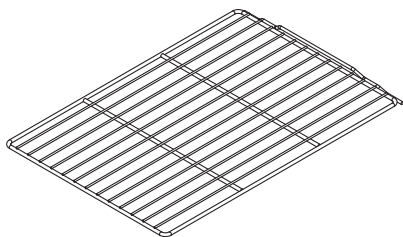
	PART NO.	DESCRIPTION	QUANTITY
1	234658	Side Rack LH 5 Tray	1
	234656	Side Rack LH 4 Tray	1
	234660	Side Rack LH 3 Tray	1
2	234659	Side Rack RH 5 Tray	1
	234657	Side Rack RH 4 Tray	1
	234663	Side Rack RH 3 Tray	1
A	233552	Thumbscrew	1

Supplied accessories (unfitted)

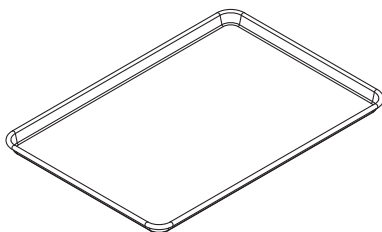
	PART NO.	DESCRIPTION	QUANTITY
	233986	Adjustable Leg 4 inches (100 mm)	4
	232380	Foot O-ring	4
	025922	¾ inch GHT Adapter	1
	021527	Washer	1

Supplied accessories (optional)

1

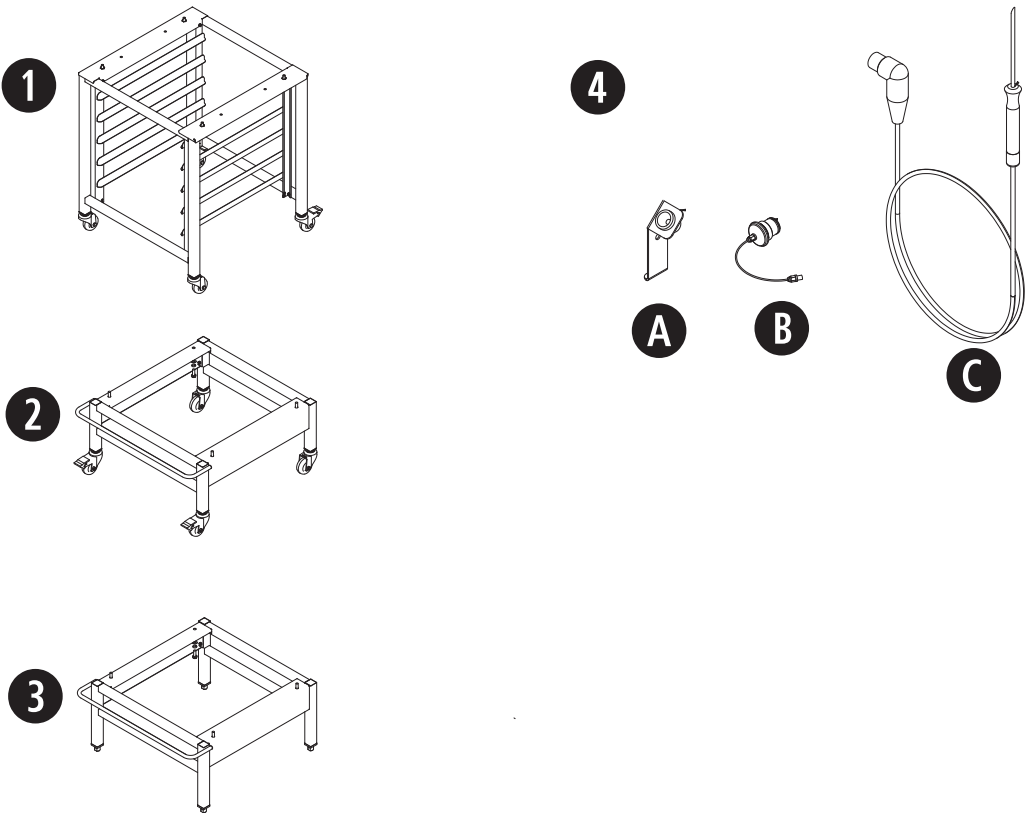


2



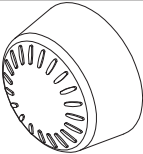
	PART NO.	DESCRIPTION	QUANTITY
1	233649	Oven Rack	4 (or 5)
2	—	Oven Tray	4 (or 5)

Accessories (add-on)

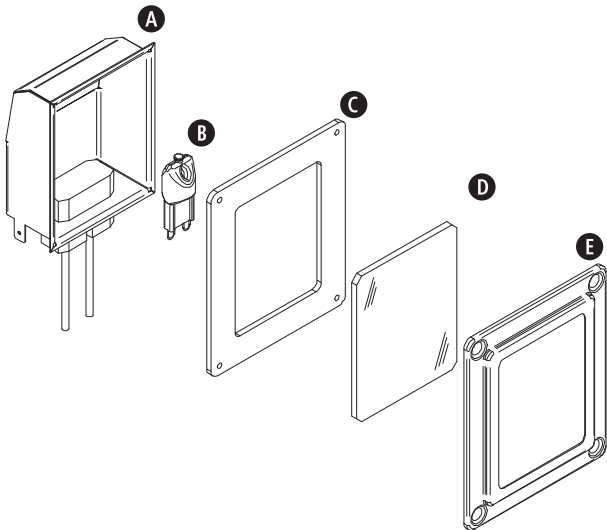


	PART NO.	DESCRIPTION
1	SK32	Stand
2	DSKG32C	Double Stacking kit - Fitted With Castors
3	DSKG32	Double Stacking kit - Fitted With Adjustable Feet
	235037	Spacer Frame
4	236060	Core Temperature Probe Kit
A	235845	Core Temperature Probe (PT1000)
B	235847	Dust Cape Core Temperature Socket
C	236486	Core Temperature Probe Holder

Replacement parts

	PART NO.	DESCRIPTION
	232666	Door Seal
	233986	Adjustable Leg 4 inches (100 mm)
	232380	Foot O-ring
	243261	Rotary Control Knob

Lamp



	PART NO.	DESCRIPTION
A	236214	Lamp Holder (bulb Included)
B	231814	Lamp G9/25 W 230 V Halogen
B	241119	Lamp G9 230 V 2.3 W Halogen
C	242092	Gasket
D	021352	Glass Lens
E	021353	Support Frame

TURBOFAN SERVICE CONTACTS

Australia

Victoria

(Head office)
Moffat Pty Limited
740 Springvale Road,
Mulgrave VIC 3170
Tel (Main): (03) 9518 3888
Tel (Spare parts & Technical Support): 1300 263 107

New South Wales

Moffat Pty Limited
Unit C 10-16 South Street,
Rydalmere NSW 2116
Tel (Main): (02) 8833 4111
Tel (Spare parts & Technical Support): 1300 263 107

Queensland

Moffat Pty Limited
30 Prosperity Place,
Geebung QLD 4034
Tel (Main): (07) 3630 8600
Tel (Spare parts & Technical Support): 1300 263 107

Western Australia

Moffat Pty Limited
67 Howe St,
Osbourne Park, WA 6017
Tel (Main): (08) 9202 6820
Tel (Spare parts & Technical Support): 1300 263 107

All Australia

Tel (24 hours service or maintenance): 1300 264 217

Canada

Moffat Limited
22 Ashwarren Rd,
Downview,
Ontario M3J1Z5
Tel: 416-631-0601

New Zealand

South island

Moffat Limited
45 Illinois Drive,
PO Box 86010,
Izone Business Hub,
Rolleston 7675
Tel (Main): (03) 983 6600
0800 MOFFAT (0800 66 33 28)
Tel (Spare parts): (03) 983 6616

North Island

Moffat Limited
4 Waipuna Road,
Mt Wellington,
Auckland
Tel (Main): (09) 574 3150
Tel (Spare parts): 0800 MOFFAT
(0800 66 33 28)

United Kingdom

Blue Seal
67 & 70 Gravelly Industrial Park,
Erdington,
Birmingham B24 8TQ
Tel (Main): 0121 327 5575

United States

Moffat Inc
3760 Industrial Drive, Suite B,
Winston-Salem,
NC27105
Tel (Main): +1 336 611 1556
Tel (Service): 866 673 7937 (toll free)
Tel (Sales): 1800 551 8795 (toll free)

All USA

Tel (Maintenance or service): 866 673 7937 (call free)

