

Oil Chassis Burner-V

VEC Series for Vitola 200

Part Nos. Z001 036 – Z001 040

Please file in Service Binder

Ordering Replacement Parts:

Please provide Position No. (from this Parts List) when ordering replacement parts.

Order replacement parts from your Viessmann distributor.

Parts

002 Blast tube

003 Miscellaneous parts:
see 003

008 Motor and capacitor

009 Nozzle line

011 Shaft bushing

017 Burner hood with acoustic liner glued
to the inside

032 Oil ignition transformer

033 Oil primary ignition control

109 Burner housing
gasket $\varnothing 182 \times 130 \times 3$

120 Cast iron fan housing

003 Miscellaneous parts include:

3a Quick release pin

3b Chassis mounting bolt $M6 \times 16$

3c Adjustment screw $M6 \times 16$

3d Adjustment washer 6.4

3e Burner housing guide pin

3f Wave washer A 6

3g Nozzle line/pump adaptor

3h Packing ring $10 \times 14 \times 1.5$ Cu

3k Washer 8.4

3l Service support pin $M6 \times 3$, DIN 923

3m Electrode screw $M5 \times 12$
with washer 5.3

3n Set screw $M6 \times 10$

3o Blast tube screw $M4 \times 8$

3p Electrode screw $M5 \times 16$

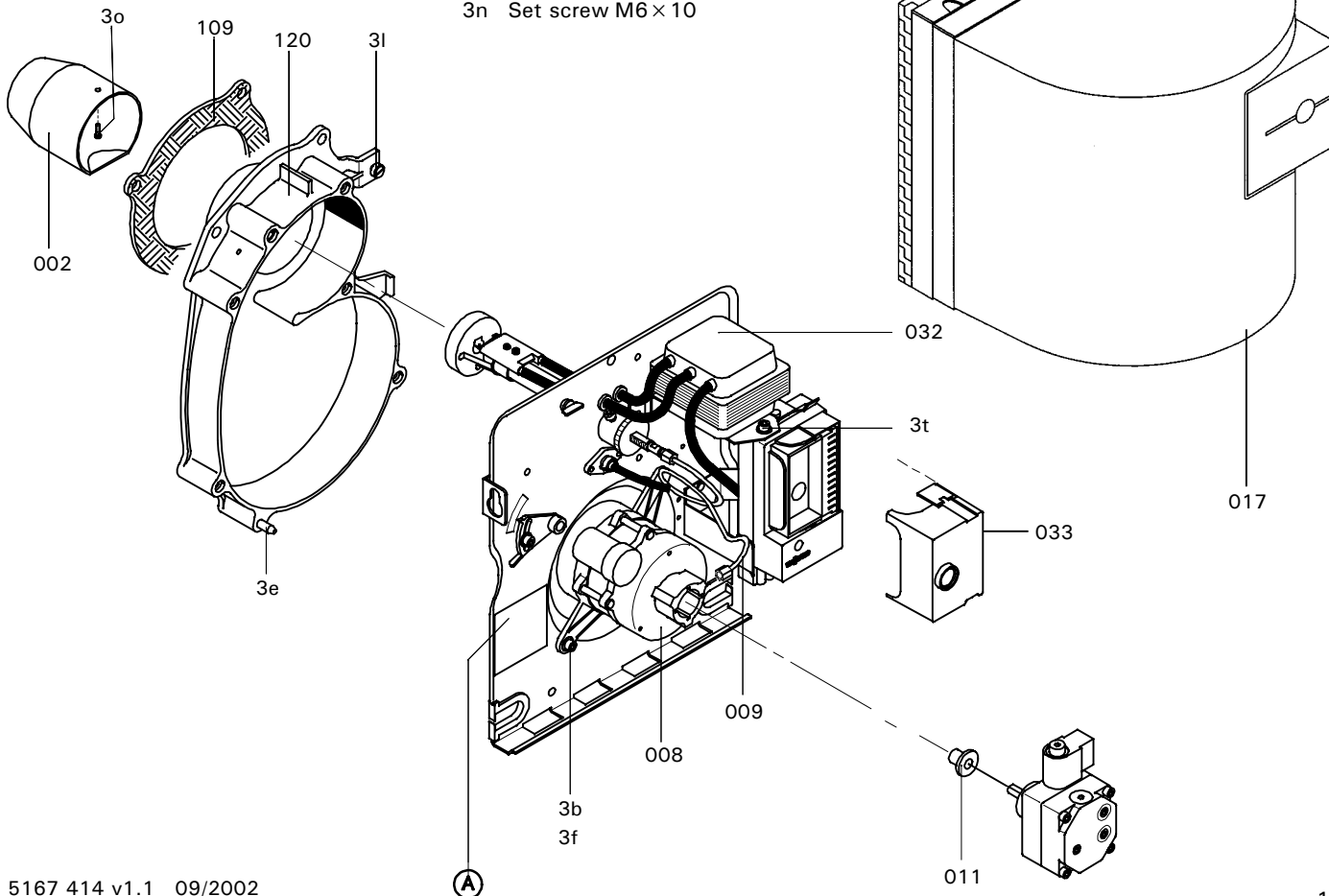
3r Grommet

3s Set screw $M6 \times 10$ with stud

3t Lock stud $M6 \times 12$

3u Lock pin

Ⓐ Rating plate



Parts List

Parts

003 Miscellaneous parts:
see separate listing in next column

005 Secondary air adjustment

010 Fan wheel

012 Flexible oil hose return (blue)

013 Flexible oil hose supply (red)

014 Brass adaptor for oil hose

015 Washer, Cu

016 Primary air baffle

019 CAD cell bracket

022 Primary air adjustment scale

027 Drawer assembly

028 Turbulator

029 Ignition electrode block

031 Oil nozzle

034 Control subbase

035 CAD cell

046 O-Ring 19×2.5

060 Oil nozzle check valve

061 Suntec rebuild kit

064 Suntec solenoid coil

065 Suntec solenoid coil nut

067 Solenoid coil cable

081 Jumper plug No. 121

082 Fuse T 4A/250V

090 Suntec oil pump

099 Ignition cables

003 Miscellaneous parts include:

3a Quick release pin

3b Chassis mounting bolt M6×16

3c Adjustment screw M6×16

3d Adjustment washer 6.4

3e Burner housing guide pin

3f Wave washer A 6

3g Nozzle line/pump adaptor

3h Packing ring 10×14×1.5 Cu

3k Washer 8.4

3l Service support pin M6×3, DIN 923

3m Electrode screw M5×12 with washer 5.3

3n Set screw M6×10

3o Blast tube screw M4×8

3p Electrode screw M5×16

3r Grommet

3s Set screw M6×10 with stud

3t Lock stud M6×12

3u Lock pin

Parts not illustrated

051 Hood assembly

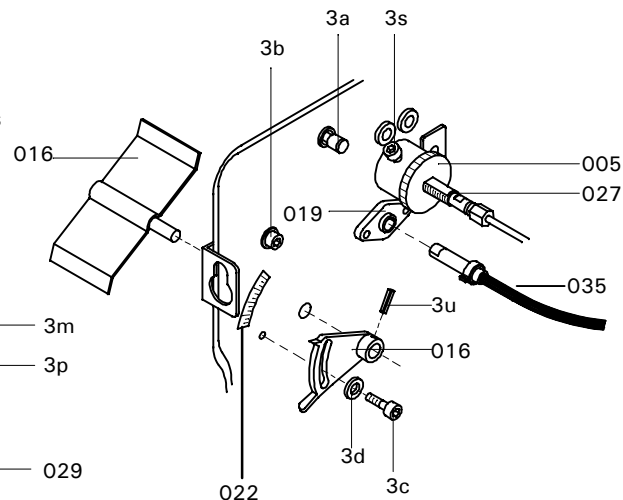
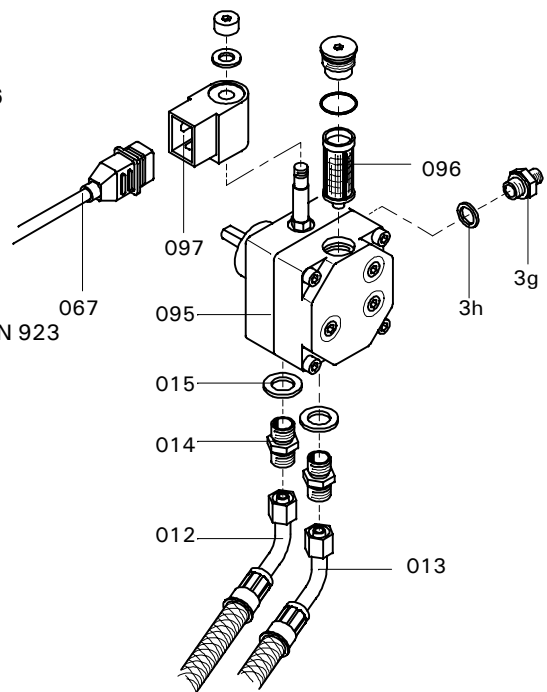
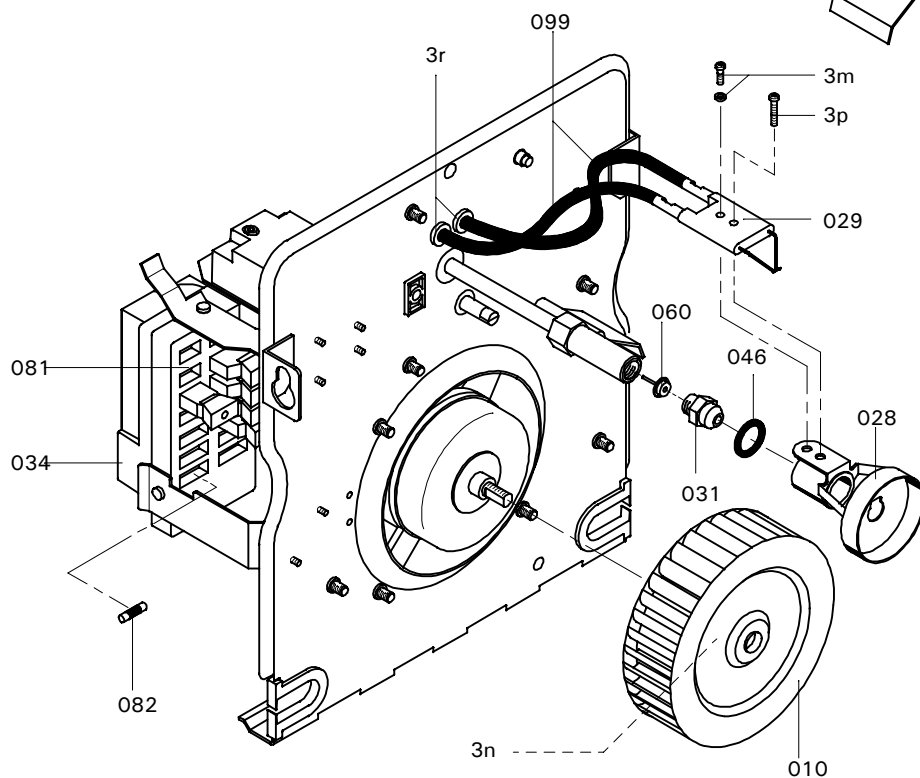
052 Cover assembly

053 Installation Instructions

054 Operating Instructions

055 Start-up, Maintenance, and Service Instructions

056 Parts List



**Attention Mechanical Contractor
or Service Company:**

Use only Viessmann **original components** when replacing defective parts. **Some** major component manufacturers develop **customized models for Viessmann only.**

Among these are Honeywell, Suntec and Landis & Gyr. Installation of incorrect replacement parts can cause hazardous operation. Order componentry listed below from Viessmann only.

Description		Part No.	Diagram Ref.	VEC-O-18	VEC-O-22	VEC-O-33	VEC-O-40	VEC-O-50
Accessories burner hood	Chassis VEC and VG - all sizes	7218 841	not shown	1	1	1	1	1
Barometric 6" M	Chassis VEC - all sizes	9544 266	not shown	1	1	1	1	1
Blast tube	Chassis VEC-O-18/-22/-33	7251 725	002	1	1	1		
Blast tube	Chassis VEC-O-40/-50	7072 533	002				1	1
Brass adaptor for oil hose	Chassis VEC - all sizes	9500 151	014	1	1	1	1	1
Burner hood	Chassis VEC and VG -18/-33	9544 261	017	1	1	1		
Burner hood	Chassis VEC and VG -40/-50	9544 263	017				1	1
Burner housing gasket	Chassis VEC and VG - all sizes	7218 504	109	1	1	1	1	1
CAD cell bracket	Chassis VEC - all sizes	9500 154	019	1	1	1	1	1
CAD cell with plug No. 124	Chassis VEC - all sizes	7273 058	035	1	1	1	1	1
Control subbase	Chassis VEC - all sizes	9506 616	034	1	1	1	1	1
Drawer assembly	Chassis VEC-O-18/-22/-33	7254 771	027	1	1	1		
Drawer assembly	Chassis VEC-O-40/-50	7254 486	027				1	1
Fan wheel	Chassis VEC and VG -18/-22/-33	9500 146	010	1	1	1		
Fan wheel	Chassis VEC and VG -40/-50	9500 240	010				1	1
Flare fittings, qty = 2	Chassis VEC - all sizes	9302 122		1	1	1	1	1
Flexible oil hose return (blue)	Chassis VEC - all sizes	9500 150	012	1	1	1	1	1
Flexible oil hose supply (red)	Chassis VEC - all sizes	9500 338	013	1	1	1	1	1
Ignition cables, set	Chassis VEC and VG - all sizes	7404 887	099	1	1	1	1	1
Ignition electrode block	Chassis VEC - all sizes	5154 161	029	1	1	1	1	1
Jumper plug No. 121	Chassis VEC and VG - all sizes	7404 168	081	1	1	1	1	1
Motor	Chassis VEC - all sizes	7218 877	008	1	1	1	1	1

Continued on next page.

Component Listing

Description		Part No.	Diagram Ref.	VEC-O-18	VEC-O-22	VEC-O-33	VEC-O-40	VEC-O-50
Nozzle line	Chassis VEC - all sizes	7250 578	009	1	1	1	1	1
Oil ignition transformer	Chassis VEC - all sizes	7218 873	032	1	1	1	1	1
Oil nozzle check valve	Chassis VEC - all sizes	9503 287	060	1	1	1	1	1
Oil primary ignition control	Chassis VEC - all sizes	9523 500	033	1	1	1	1	1
O-Ring 19 x 2.5	Chassis VEC - all sizes	9504 738	046	1	1	1	1	1
Oventrop oil filter assembly	Chassis VEC - all sizes	9503 253	not shown	1	1	1	1	1
Oventrop oil filter c/w O-ring	Chassis VEC - all sizes	9500 329	not shown	1	1	1	1	1
Primary air adjustment scale	Chassis VEC and VG - all sizes	5042 680	022	1	1	1	1	1
Primary air baffle	Chassis VEC and VG -18/-22/-33	7305 046	016	1	1	1		
Primary air baffle	Chassis VEC and VG -40/-50	7305 047	016				1	1
Secondary air adjustment	Chassis VEC - all sizes	5068 708	005	1	1	1	1	1
Shaft bushing	Chassis VEC - all sizes	7218 426	011	1	1	1	1	1
Solenoid coil cable No. 35	Chassis VEC - all sizes	7404 207	067	1	1	1	1	1
Steinen oil nozzle 0.50x45xS	Chassis VEC-O-18	9302 314	031	1				
Steinen oil nozzle 0.65x45xS	Chassis VEC-O-22	9302 569	031		1			
Steinen oil nozzle 0.75x45xS	Chassis VEC-O-33	9302 315	031			1		
Steinen oil nozzle 1.00x45xS	Chassis VEC-O-40	9302 570	031				1	
Steinen oil nozzle 1.25x45xS	Chassis VEC-O-50	9302 571	031					1
Suntec oil pump AL 35 C	Chassis VEC - all sizes	9523 498	090	1	1	1	1	1
Suntec rebuild kit	Chassis VEC - all sizes	7218 427	061	1	1	1	1	1
Suntec solenoid coil	Chassis VEC - all sizes	9507 453	064	1	1	1	1	1
Suntec solenoid coil nut	Chassis VEC - all sizes	9507 454	065	1	1	1	1	1
Tee assembly line	Chassis VEC - all sizes	9503 426	not shown	1	1	1	1	1
Turbulator	Chassis VEC-O-18/-22/-33	7254 101	028	1	1	1		
Turbulator	Chassis VEC-O-40/-50	7254 108	028				1	1
Washer, Cu	Chassis VEC - all sizes	9500 339	015	2	2	2	2	2

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Technical information subject to change without notice.