



Operator and Service Manual

VT, VTS & VTH Series



Operating Manual

**Your Bambi Air Compressor is a precision engineered product.
By following these simple steps you will ensure years of trouble free use.**

Parts & Service are available from your Bambi dealer.

It is important to quote Model, Type & Serial Number in all communications.

The substitution of parts not manufactured nor approved by Bambi can impair performance, service life and create potential mechanical or personnel hazards and will invalidate your warranty.

Bambi reserves the right to modify the contents of this operating booklet without notice and the information is in no way binding on the company.

Warranty

Provided the operating instructions have been followed, and the compressor has been properly maintained, Bambi VT and VTS compressors are guaranteed against faulty workmanship for a period of 2 years.

The air receiver is guaranteed for 5 years.

The guarantee does not cover damage by misuse, incorrect parts or service.

Contact Bambi Air Ltd or your retailer for further information.

1) Safety Precautions

What you **must** do:

- Read these instructions before using your air compressor.
- Ensure the compressor has been installed, electrically connected and piped in by a properly qualified person.
- Ensure the compressor is kept upright at all times.

What you **must not** do:

- Do not attempt any maintenance on the compressor until it has been isolated from the power supply.
- Do not attempt any work on the compressor until the air receiver and pipe work systems are depressurised.
- Compressed air is dangerous if misused and can prove fatal. Avoid any bodily contact with compressed air.
- During operation the motor will become quite hot to the touch. Avoid contact to prevent burns.
- Never tamper with the pressure relief valve.
- Never lubricate the oil free motor or pump assembly; this will cause severe damage.
- Never obstruct cooling fans or outlet vents.

2) Siting The Compressor

What you **must** do:

- Provide adequate protection from the weather.
- Site the compressor level in both planes.
- Larger models are heavy. Ensure the surface has sufficient load bearing capacity.
- Allow access for maintenance all around the compressor.
- Site in a dry area, avoiding damp or humid conditions. The site must be dust free, well ventilated and have a cool ambient temperature. 40°C should be regarded as the maximum allowable ambient.

What you **must not** do:

- Enclose the compressor or allow hot air generated by the motor to re-circulate around the compressor. Ensure there is 30cm clearance around the compressor
- Restrict air flow around the after cooler, after cooler fan unit or end cover ventilation [S models].

Important ! For Silenced VTS Models:

These compressors generate heat. Never restrict any of the ventilation grilles otherwise serious damage may occur.

Electrical Connections

Where applicable, compressors are supplied with a moulded plug in accordance with national standards.

Never remove the moulded plug.

The use of extension cables is not recommended as this may cause voltage drops which can result in damage to the motor.

Note !

Duplex models VT300/300D, VT400/400D must be connected to a dedicated fused 20 amp supply.

Wired in accordance with European Standard –

Single phase: Blue = neutral, Brown = live, Yellow & Green Stripe = earth

Three phase: Brown/Black/Grey = Phase conductors

Blue = Neutral

Yellow and Green Stripe = earth

Three phase compressors should be connected by a competent person

All three phase units require neutral supply

3) Unpacking Instructions for: **VT S75 / VT S150 / VT S200/ VT S250**

3.1) Fitting Mounting Castors

Before using the compressor you must remove the external packaging and fit the castors supplied as they also provide essential clearance for the lower cooling fan exhaust.

Note !

Failure to do so will cause damage and invalidate your warranty

Remove the four bolts securing the compressor to its wooden packing, carefully lift the compressor to enable you to screw in the four castors using the same mounting holes.

Take care lifting the compressor, some models are heavy.

3.2) Removing Internal Transit Packing

Before using the compressor you must remove the internal packing, failure to do so will cause damage to the compressor. The procedure is as follows -

VT S75/150/200



Fig 1.

Using the hex key provided, remove the 3 bolts fixing the left hand end cover in place (when viewed from the front) – see fig 1.

There are three packing pieces, two either side of the pump unit, one on top of the cooling fan assembly.

Ensure that these are removed.

VT S250D

Using the hex key provided, remove the 4 bolts fixing the top cover in place and remove the top cover - see fig 1a.

There is one packing piece on the top of the pump unit.

Ensure that this is removed.



Fig 1a.

Reassembly is a reverse of the above but do not over-tighten the cover fixing bolts.

3.3) Fitting Condensate Bottle – VTS Dryer models only



Fig.2 - VTS Condensate bottle position

Compressors fitted with an air dryer are supplied with a condensate tank which you will need to fit before use.

Attach the condensate bottle mounting bracket to the front panel of the compressor using the 2 plastic clips provided. These are a simple push fit.

Slide the condensate bottle into the mounting bracket.

Push the black plastic condensate tube which emerges from the front panel into the hole in the lid of the bottle. As on Fig. 2

Fit the exhaust silencer to the condensate tube by pushing firmly on to the end of the tube.

Re-fit the bottle lid.

4) Operation

Refer to exploded parts diagrams and illustrations when reading this section.
Airline should be fitted to the regulator outlet.

Note ! For VTS Models

Ensure the transit packing has been removed as described in the previous section.
Failure to do so will cause damage and invalidate your warranty

4.1) Starting & Stopping

Plug the compressor into an outlet socket of nominal voltage and fitted with the correct fuse as shown in section Electrical Connections.

Switch the compressor on (I) using the on/off switch located on the front panel or pressure switch - see fig 3 pictures:

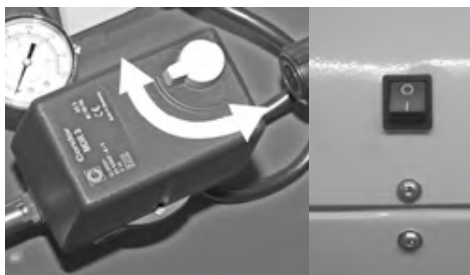


Fig. 3 On off switch versions

The compressor will start running and automatically switch off at the preset pressure.

Note!

Duplex Models VT300/300D, VT400/400D are fitted with a sequential start system to reduce electrical loading. You will notice one motor starting a few seconds after the other [single phase only]. This is normal.

As air is used the pressure drops and the motor will restart at the preset pressure.
Approx 2 Bar differential.

Note !

Each time the compressor switches off or the power supply is interrupted, you will hear a short hiss of air. You are hearing the unloader valve discharging the residual delivery pipe pressure. This is normal.

4.2) Adjusting Outlet Pressure



Use the pressure regulator to adjust the outlet pressure.

To increase line pressure, rotate the black knob next to the pressure gauge in a clockwise manner, to decrease turn anti clockwise. It is possible to lock the setting by pushing the knob down until it “clicks” home – see fig 4.



Fig 4: Gauge layouts

On cabinet [VTS] models, gauges are labelled.



On others:

The smaller gauge is **SELECTED** pressure
The larger is **RECEIVER** pressure

5) Routine Maintenance

Refer to preventative maintenance section for frequency.

5.1) Draining the Air Receiver

Drain condensate from air receiver at a pressure of no more than 2 Bar.



Slowly open the red coloured drain tap provided to allow water to flow out – see fig 5.

Fig. 5 Drain tap types

Close drain tap when all water has drained off. Draining is not required on dryer equipped models.

Automatic drains where fitted do not require draining, however the condensate tank will require emptying – see following section “Operation Dryer Models”.

Note !

Waste condensate must be handled in accordance with national environmental rules.

5.2) Check Pressure Relief Valve



Ensure the air receiver is not pressurised. On “S” models, refer to section 8: Removing Housing Cover

Unscrew the knurled end of the pressure relief valve until an audible “click” is heard. Retighten without using excessive force.

Fig. 6 Pressure relief valve positions

6) Operation – Dryer Models

When equipped with an air dryer unit, the compressor will automatically dry the compressed air before it is stored in the air receiver. This happens automatically and requires no additional maintenance. This eliminates the need to manually drain the air receiver.



Operation is similar to standard versions with the following change :-

Each time the compressor switches off or the power supply is interrupted, the dryer purge valve opens and automatically activates the drain valve on the after cooler filter allowing the dryer tower to regenerate. All accumulated moisture will discharge into the condensate tank.

This should be emptied when it reaches $\frac{3}{4}$ full.

Fig. 7 Condensate tank locations

Do not exceed the recommended 50% duty cycle, otherwise the dryer will not activate and the humidity of the air will increase.

Ensure the after cooler fins are kept clear of accumulated dust.

7) Technical

We recommend the compressor has a maximum 50% duty cycle to prolong pump life.

Note !

The motor must never be allowed to run continuously otherwise it will overheat and may become damaged.

Do not ignore air leaks. All air connections must be leak free to prevent the compressor from over heating.

The compressor is fitted with 2 thermal overloads. In the event of excessive temperature the compressor will switch off and the external thermal protector will activate. To re-set follow the procedure below-

Models: VT[H]75/75D, VT[H]150/150D, VT[H]200/200D, VT250/250D

Switch off at the pressure switch [see Fig. 2]. Allow 50 minutes for the motor to cool down then switch back on at the pressure switch. The compressor will now restart.

Models: VTS75/75D, VTS150/150D, VTS200/200D, VTS250/250D

Do not switch the compressor off after overheating as this will prevent the internal cooling fans which reduce the temperature inside the housing from running.

Allow 50 minutes for the motor to cool down.



Press the thermal re-set button, you will hear an audible click – see fig 7.

The compressor will now restart.

Models: VT300/300D, VT400/400D

The re-set is integral with the pressure switch.

The pressure switch will automatically turn off (0) in the event of motor overload.

Turn the pressure switch to the on position [see Fig. 3].

The compressor will now restart.

If the compressor still does not run, switch off immediately and disconnect from the mains supply.

You **must** find the cause of the overload and rectify this before continuing to use the compressor.

Check for -

- Drain tap not closed properly
- Air leaks on the pneumatic fittings
- Compressor not the correct size for the work load
- Cooling fan outlets restricted

Contact your service engineer to investigate the cause.

8) Removing Housing Cover (VTS Models Only)

For routine maintenance it may be necessary to remove the top cover. Adhere to the following procedure:

Models: VTS 75/75D, 150/150D, 200/200D

Disconnect from the mains power supply and release all the air from the compressor and the air system.

Using the hex key provided, remove the 3 bolts fixing each end cover in place and remove the end covers.

Remove the bolts holding the top cover in place.
Gently lift up the top housing.

Note !

Do not use excessive force as this will strain the electrical and air connections.

Carefully pull apart the electrical multi connector by squeezing the side clips and gently pulling the connector apart. Do not use excessive force.

To release the air connections, push the connector collar in and simultaneously pull the air tube out.

Reassembly is a reverse of the above but check that -

- The air tubes are pushed fully home into the connector and seal
- The electrical connector is secure
- No wires or air tubes are trapped in the housing join

Models: VTS250/250D

Disconnect from the mains power supply and release all the air from the compressor and the air system

Using the hex key provided, remove the 4 bolts fixing the top cover in place and remove the top cover.

Preventative Maintenance

Operation	Daily	Weekly	Annually	2 Years
Drain Air Receiver	•			
Replace Air Intake Filter			•	
Check Pressure Relief Activation			•	
Clean After Cooler Fins			•	
Clean Ventilation Grilles			•	
Check Piston Ring				•
Replace Air Dryer Filter				•
Desiccant Change				•
Coalescing Filter Element				•

Above are to be considered minimum frequency

Technical Specification

VT 0.75Hp Pump Specification

Motor kW / Hp	0.55 / 0.75
Voltage	220/240
Frequency Hz	50
Amps	3.9
Displacement l/min	120

VT 1.5Hp Pump Specification

Motor kW / Hp	1.1 / 1.5
Voltage [Single phase - 3 phase]	220/240 - 380/415
Frequency Hz	50
Amps [Single phase - 3 phase]	6.8 - 2.9
Displacement l/min	175

VT 2.0Hp Pump Specification

Motor kW / Hp	1.5 / 2.0
Voltage [Single phase - 3 phase]	220/240 - 380/415
Frequency Hz	50
Amps [Single phase - 3 phase]	9.9 - 3.6
Displacement l/min	220

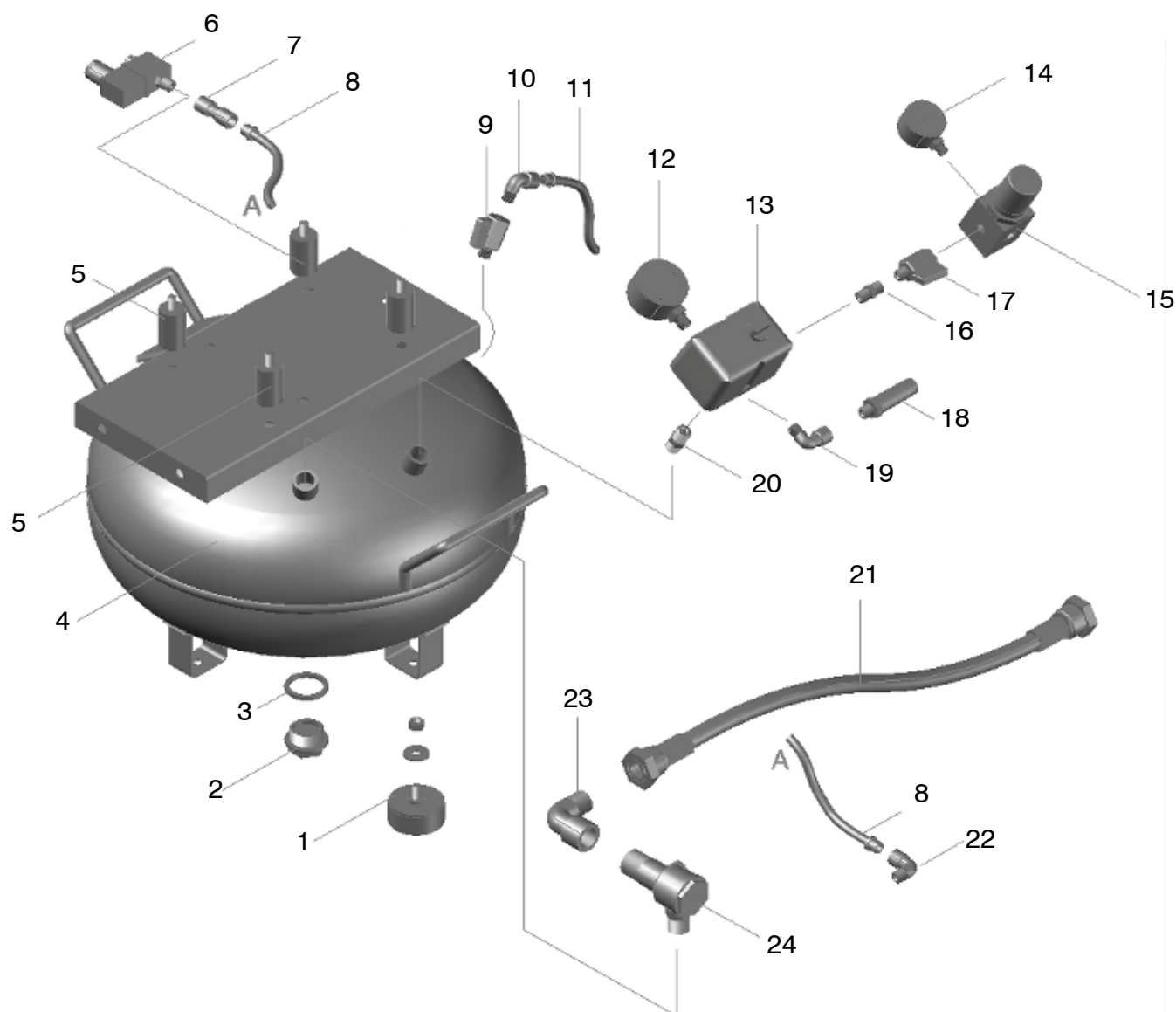
VT 2.5Hp Pump Specification

Motor kW / Hp	1.84 / 2.5
Voltage [Single phase - 3 phase]	220/240 - 380/415
Frequency Hz	50
Amps [Single phase - 3 phase]	12.9 - 4.6
Displacement l/min	300

VT75

Ref No.	Description	Part no.
1	Rubber foot	BPB0601
2	Inspection plug	BPB0243
3	Inspection plug seal	BPB0502
4	24 litre tank	BPB0260
5	30mm rubber mounting	BPB1296
6	Solenoid c/w cable	BPB0545
7	1/8 x 6mm push fitting	BPB0154
8	6mm black nylon tube	BPB0203
9	Drain valve tap	BPB0281
10	3/8 x 10mm tube elbow	BPB0277
11	Red nylon drain tube	BPB0284
12	50mm tank pressure gauge	BPB0658

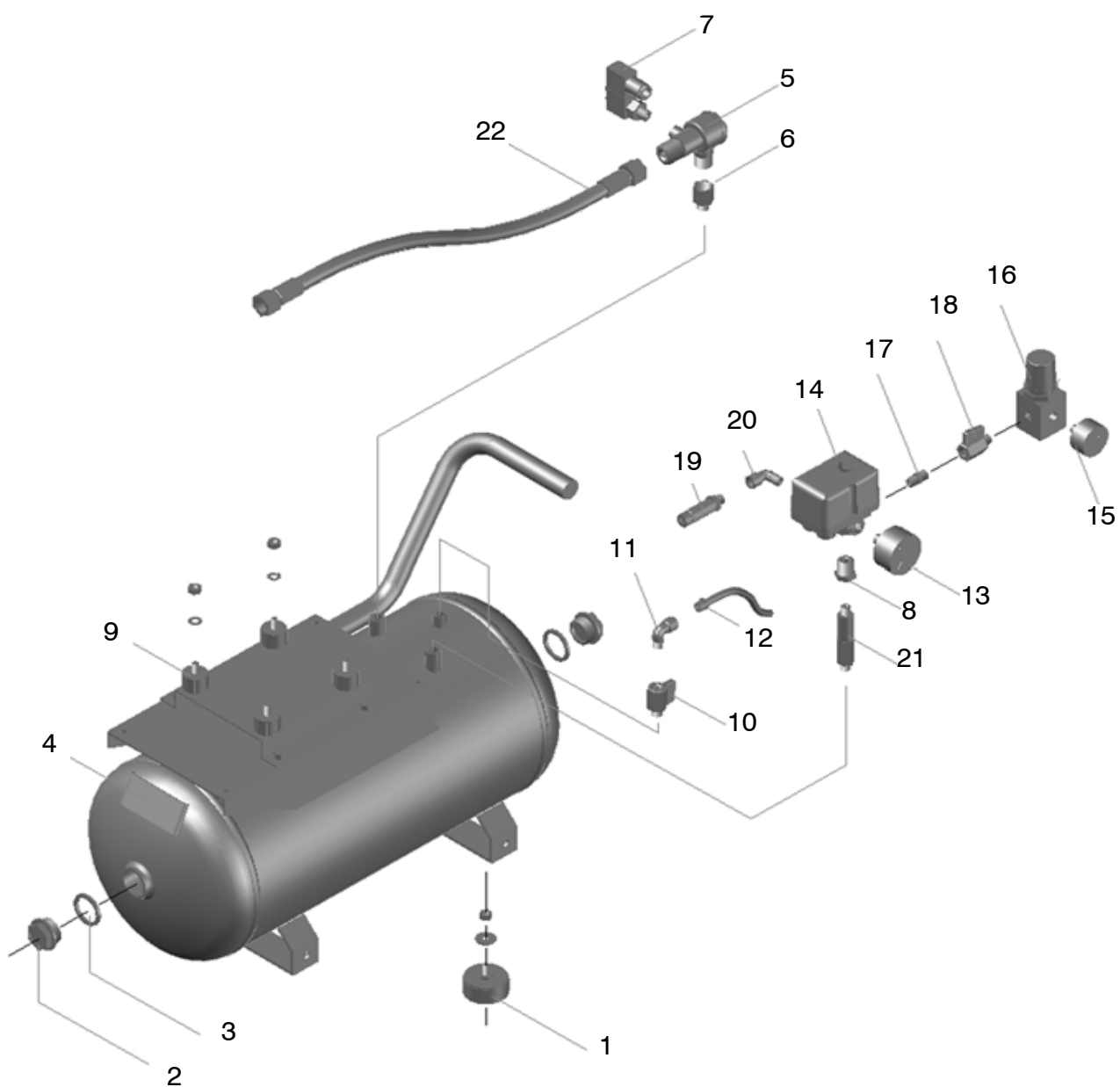
13	Pressure switch	BPB0550
14	40mm line pressure gauge	BPB0657
15	Pressure regulator	BPB0510
16	1/4 x 1/4 adaptor	BPB1078
17	1/4 on-off tap	BPB1079
18	Safety valve	BPB1084
19	1/4 M/F elbow	BPB1139
20	3/8 adaptor	BPB0283
21	Delivery pipe	BPB0508
22	1/8 x 6mm elbow push fitting	BPB0044
23	3/8 Elbow	BPB0282
24	Non-return valve	BPB0656



VTH75

Ref No.	Description	Part no.
1	Rubber foot	BPB0601
2	Inspection plug	BPB0243
3	Inspection plug seal	BPB0502
4	24 litre tank	BPB0473
5	Non-return valve	BPB0656
6	Reducing bush	BPB0918
7	Solenoid c/w cable	BPB0545
8	3/8 x 1/4 Reducing bush	BPB0356
9	30mm rubber mounting	BPB1296
10	Drain valve tap	BPB0895
11	3/8 x 10mm tube elbow	BPB0276

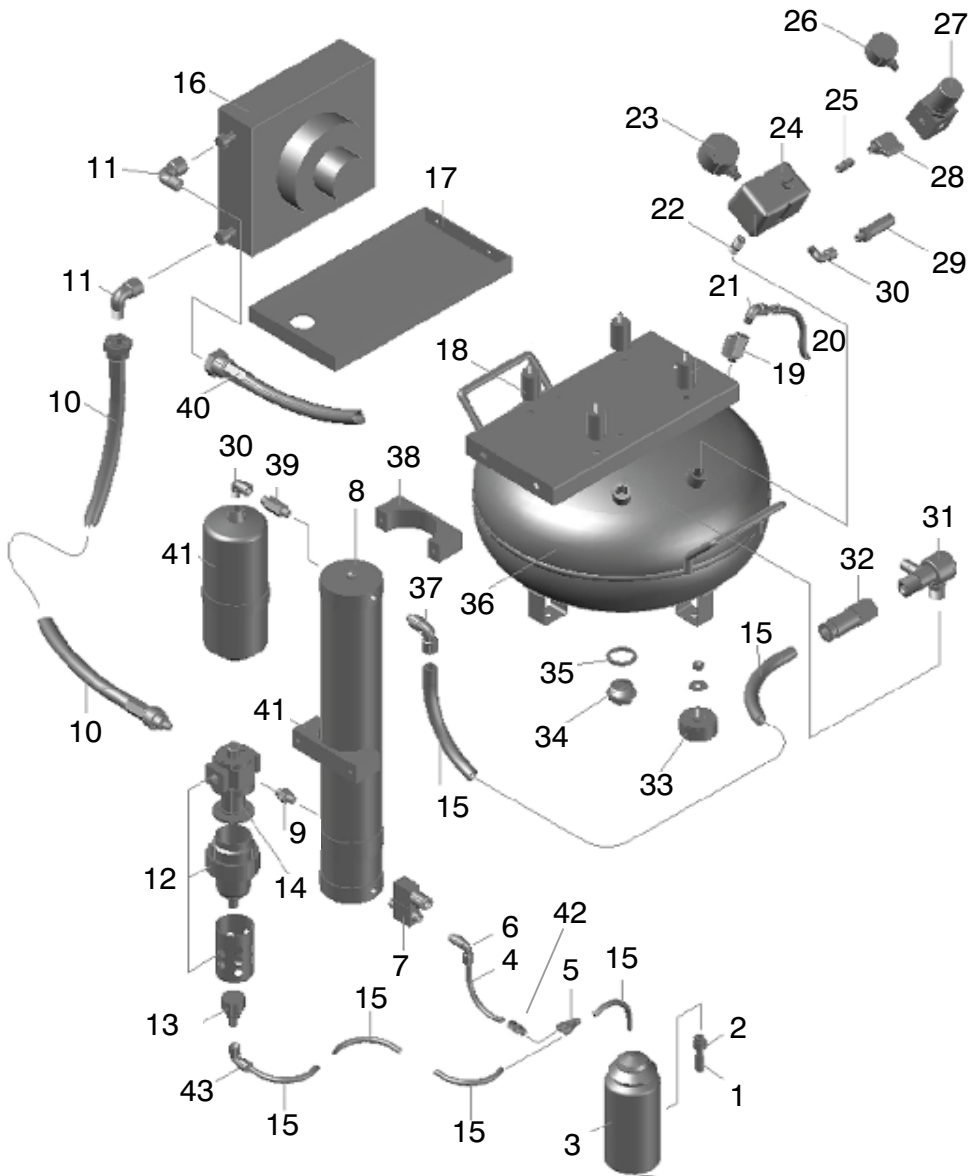
12	Red nylon drain tube	BPB0284
13	50mm tank pressure gauge	BPB1081
14	Pressure switch	BPB0550
15	40mm line pressure gauge	BPB1077
16	Pressure regulator	BPB0510
17	1/4 x 1/4 adaptor	BPB1078
18	1/4 on-off tap	BPB1079
19	Safety valve	BPB1084
20	1/4 M/F elbow	BPB1139
21	1/4 Extension piece	BPB0152
22	Delivery pipe	BPB0798



VT75D

Ref No.	Description	Part No.
1	1/4BSP Condensate Diffuser	BPB1348
2	1/4BSPF x 10mm Tube connector	BPB1347
3	Condensate bottle - complete	BPB0088
4	6mm nylon tube	BPB0203
5	10mm Push fit Y connector	BPB1346
6	1/8 x 6mm Tube Elbow	BPB0278
7	Solenoid valve c/w cable	BPB0545
8	Dryer assembly	BPB0548
9	1/4 x 3/8 un equal adaptor	BPB0591
10	270mm Delivery pipe	BPB0858
11	3/8 elbow	BPB0282
12	Air Filter - Centrifugal - Coalescing	BPB1359
13	Coalescing filter Auto-drain	BPB1336
14	Element for BPB1359	BPB1367
15	10mm Nylon tube	BPB0551
16	Aftercooler - complete	BPB0560
17	Aftercooler mounting bracket	BPB0557
18	30mm mounting rubber	BPB1296
19	Drain valve tap	BPB0281
20	Red nylon drain tube	BPB0284
21	3/8 x 10mm tube swivel elbow	BPB0277

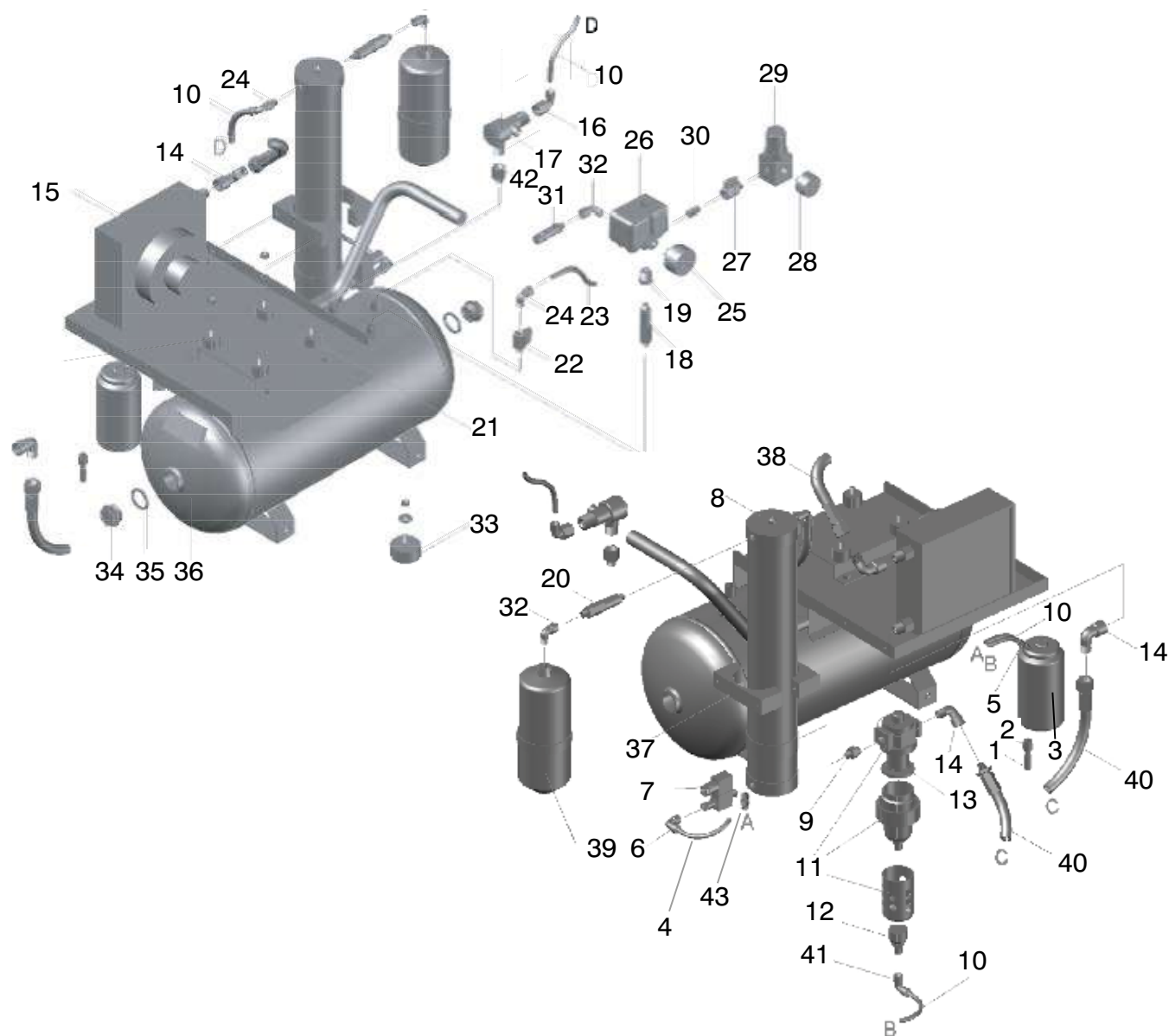
22	3/8 Adaptor	BPB0283
23	50mm tank pressure gauge	BPB0658
24	Pressure switch	BPB0550
25	1/4 Adaptor	BPB1078
26	40mm line pressure gauge	BPB0657
27	Pressure regulator	BPB0510
28	1/4 On-off tap	BPB1079
29	Safety valve	BPB1084
30	1/4 elbow	BPB1139
31	Non-return valve	BPB0656
32	3/8 x 10mm straight tube conn.	BPB0275
33	Rubber foot	BPB0601
34	Inspection plug	BPB0243
35	Inspection plug seal	BPB0502
36	24 litre tank	BPB0260
37	1/4 x 10mm Tube swivel elbow	BPB0276
38	Dryer mounting clamp	BPB0503
39	Purge tank bleed pipe	BPB0775
40	Delivery pipe	BPB0508
41	Purge tank	BPB0484
42	Push fit Reducer 10mm Male 6mm female	BPB1338
43	Push fit elbow 10mm M/F	BPB1345



VTH75D

Ref No.	Description	Part No.
1	1/4BSP Condensate Diffuser	BPB1348
2	1/4BSPF x 10mm Tube connector	BPB1347
3	Condensate bottle - complete	BPB0088
4	6mm nylon tube	BPB0203
5	10mm Push fit Y connector	BPB1346
6	1/8 x 6mm Tube Elbow	BPB0278
7	Solenoid valve c/w cable	BPB0545
8	Dryer assembly	BPB0548
9	1/4 x 3/8 un equal adaptor	BPB0591
10	10mm black nylon tube	BPB0551
11	Air Filter - Centrifugal - Coalescing	BPB1359
12	Coalescing filter - auto drain	BPB1336
13	Element for BPB1359	BPB1367
14	3/8 elbow	BPB0282
15	Aftercooler - complete	BPB1231
16	1/4 x 10mm Elbow	BPB0820
17	Non Return Valve	BPB0656
18	1/4 Extension piece	BPB0152
19	1/4 x 3/8 Reducing bush	BPB0356
20	Purge tank bleed valve	BPB0775
21	30mm mounting rubber	BPB1296

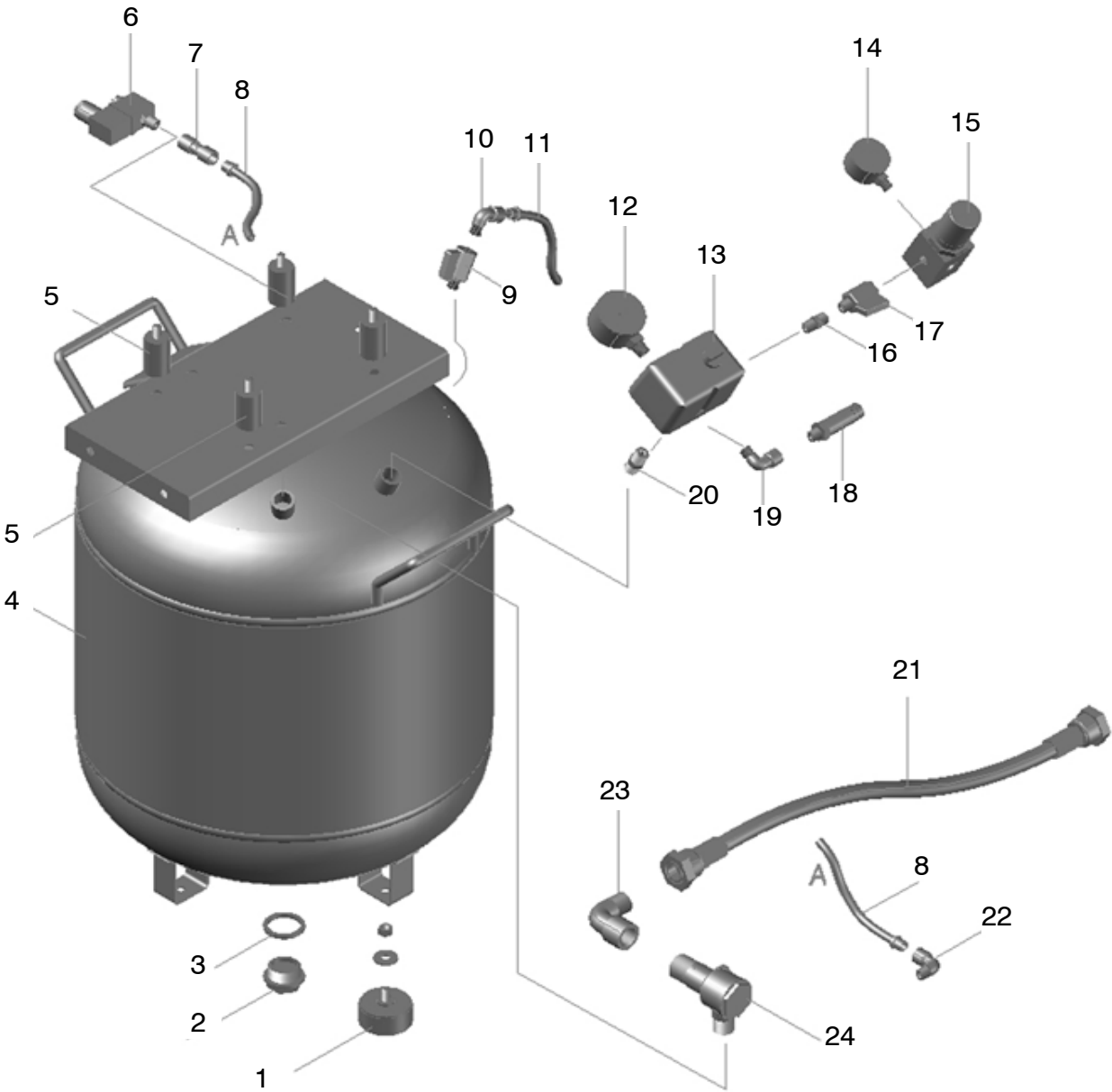
22	1/4 Drain valve tap	BPB0895
23	Red nylon drain tube	BPB0284
24	1/4 x 10mm Tube swivel elbow	BPB0276
25	50mm tank pressure gauge	BPB1081
26	Pressure switch	BPB0550
27	1/4 On-off tap	BPB1079
28	40mm line pressure gauge	BPB1077
29	Pressure regulator	BPB0510
30	1/4 adaptor	BPB1078
31	Safety valve	BPB1084
32	1/4 elbow	BPB1139
33	Rubber foot	BPB0601
34	Inspection plug	BPB0243
35	Inspection plug seal	BPB0502
36	24 litre tank	BPB0473
37	Dryer mounting clamp	BPB0503
38	Delivery pipe	BPB0508
39	Purge tank	BPB0484
40	Delivery pipe	BPB0858
41	Push fit elbow 10mm M/F	BPB1345
42	Adaptor	BPB0918
43	Push fit Reducer 10mm Male 6mm female	BPB1338



VT150 / VT200

Ref No.	Description	Part no.
1	Rubber foot	BPB0601
2	Inspection plug	BPB0243
3	Inspection plug seal	BPB0502
4	50 litre tank	BPB0261
5	30mm Rubber mounting	BPB1296
6	Solenoid valve c/w cable	BPB0545
7	1/8 x 6mm push fitting	BPB0154
8	6mm nylon tubing	BPB0203
9	3/8 drain tap	BPB0281
10a	3/8 x 10mm tube elbow [VT200]	BPB0280
10b	3/8 x 10mm tube elbow [VT150]	BPB0277
11	Drain tube	BPB0284

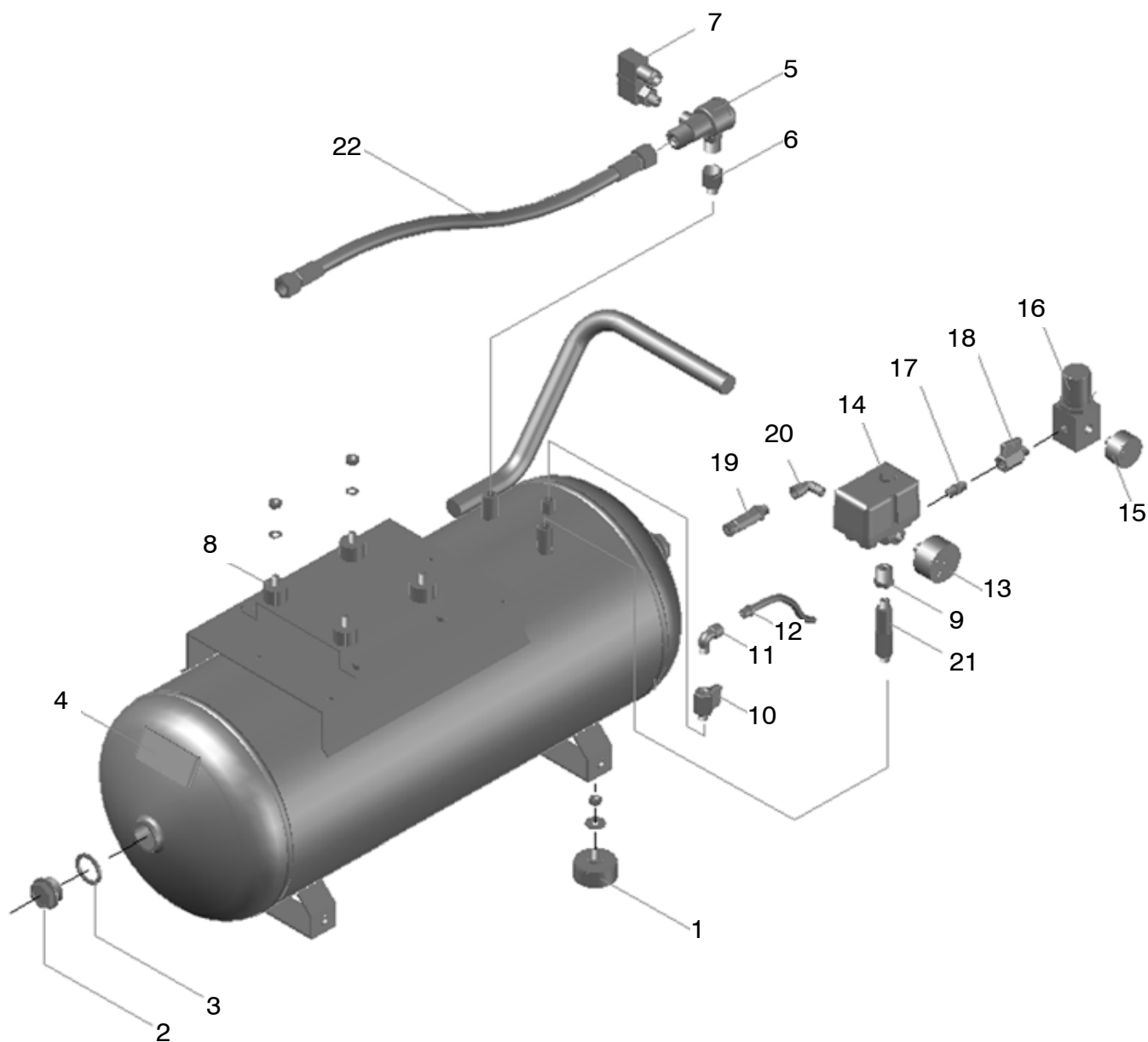
12	50mm tank pressure gauge	BPB0658
13	Pressure switch	BPB0550
14	40mm line pressure gauge	BPB0657
15	Pressure regulator	BPB0510
16	1/4 adaptor	BPB1078
17	On-off tap	BPB1079
18	Safety valve	BPB1084
19	1/4 elbow	BPB1139
20	3/8 adaptor	BPB0283
21	Delivery pipe	BPB0508
22	1/8 x 6mm elbow tube fitting	BPB0044
23	3/8 elbow	BPB0282
24	Non-return valve	BPB0656



VTH150 / VTH200

Ref No.	Description	Part no.
1	Rubber foot	BPB0601
2	Inspection plug	BPB0243
3	Inspection plug seal	BPB0502
4	50 litre tank	BPB0474
5	Non return valve	BPB0656
6	Adaptor	BPB0918
7	Solenoid valve c/w cable	BPB0545
8	30mm Rubber mounting	BPB1296
9	3/8 x 1/4 Reducing bush	BPB0356
10	1/4 drain tap	BPB0895
11	1/4 x 10mm tube elbow	BPB0276

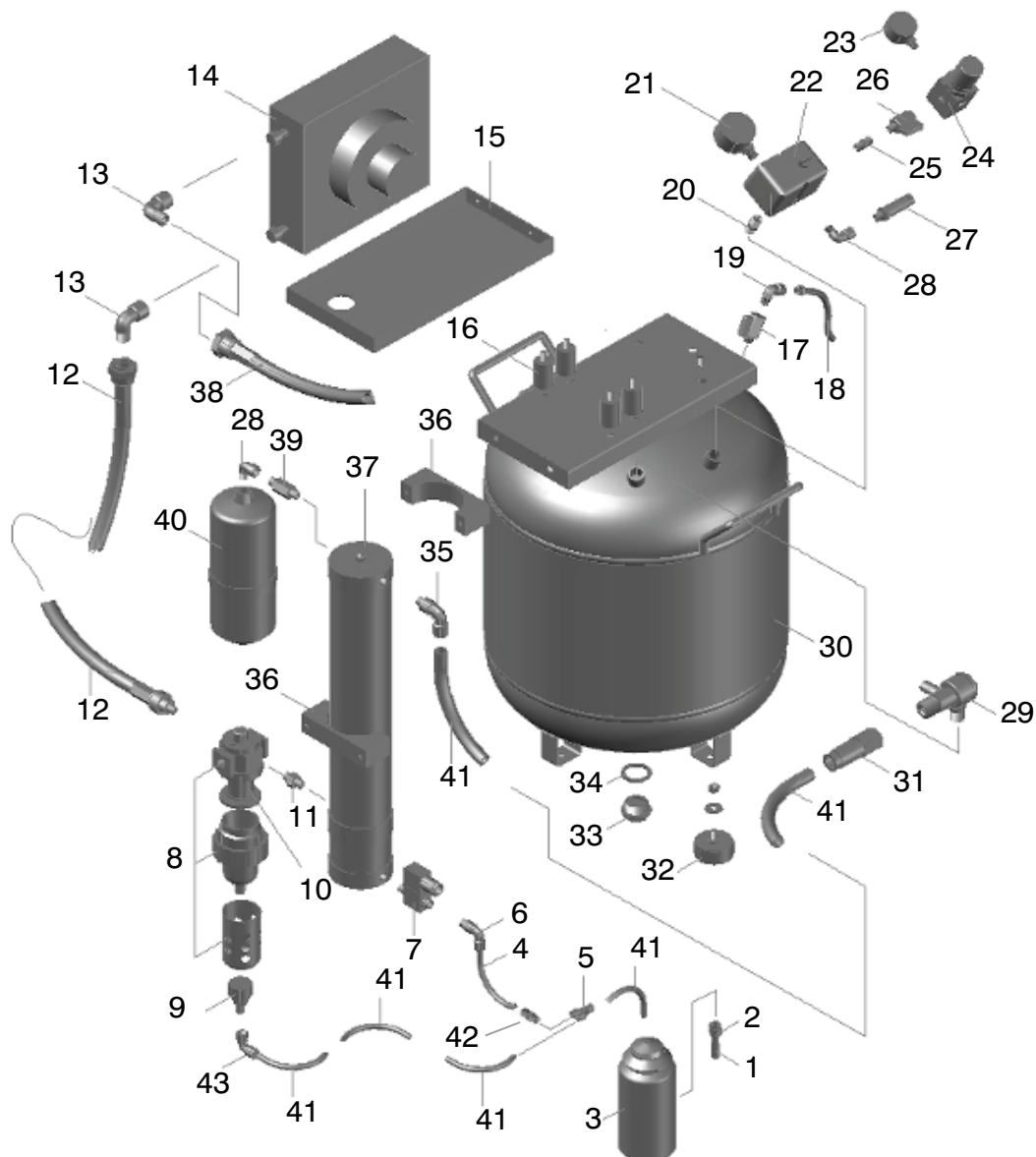
12	Drain tube	BPB0284
13	50mm tank pressure gauge	BPB1081
14	Pressure switch	BPB0550
15	40mm line pressure gauge	BPB1077
16	Pressure regulator	BPB0510
17	1/4 Adaptor	BPB1078
18	On-off tap	BPB1079
19	Safety valve	BPB1084
20	1/4 Elbow	BPB1139
21	1/4 Extension piece	BPB0152
22	Delivery pipe	BPB0798



VT150D / VT200D

Ref No.	Description	Part No.
1	1/4BSP Condensate Diffuser	BPB1348
2	1/4BSPF x 10mm Tube connector	BPB1347
3	Condensate bottle complete	BPB0088
4	6mm Nylon tube	BPB0203
5	6mm Divider	BPB0279
6	1/8 x 6mm Tube Elbow	BPB0278
7	Solenoid valve c/w cable	BPB0545
8	Air Filter - Centrifugal - Coalescing	BPB1359
9	Coalescing filter - automatic drain	BPB1336
10	Element for BPB1359	BPB1367
11	1/4 x 3/8 adaptor	BPB0591
12	270mm Delivery pipe	BPB0858
13	38bsp M/F plated elbow	BPB0282
14	Aftercooler	BPB0561
15	Aftercooler bracket	BPB0557
16	30mm Rubber mounting	BPB1296
17	3/8 Drain tap	BPB0281
18	10mm Drain tube	BPB0284
19	3/8 x 10mm Elbow [VT200D]	BPB0280
19	3/8 x 10mm Elbow [VT150D]	BPB0277
20	3/8 M adaptor	BPB0283

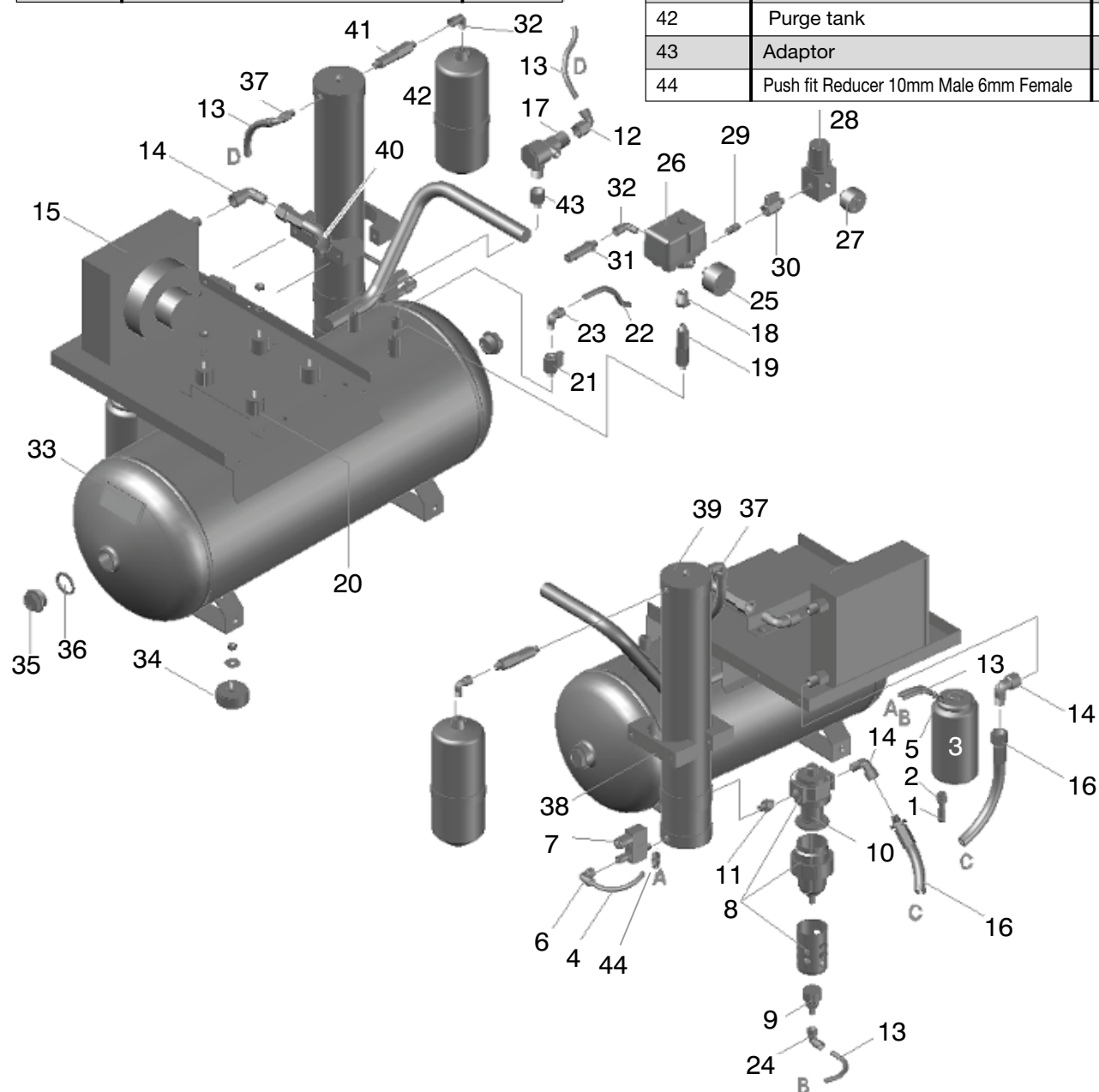
21	50mm Tank pressure gauge	BPB0658
22	Pressure switch	BPB0550
23	40mm Line pressure gauge	BPB0657
24	Pressure regulator	BPB0510
25	1/4 Adaptor	BPB1078
26	On/off tap	BPB1079
27	Safety valve	BPB1084
28	1/4 Elbow	BPB1139
29	Non-return valve	BPB0656
30	50 Litre tank	BPB0261
31	3/8 x 10mm Connector	BPB0275
32	Rubber foot	BPB0601
33	Inspection plug	BPB0243
34	Inspection plug seal	BPB0502
35	1/4 x 10mm Swivel elbow	BPB0276
36	Dryer mounting bracket	BPB0503
37	Dryer assembly	BPB0548
38	Delivery pipe	BPB0508
39	Purge tank bleed valve	BPB0775
40	Purge tank	BPB0484
41	10mm Nylon tube	BPB0551
42	Push fit Reducer 10mm Male 6mm Female	BPB1338
43	Push fit elbow 10mm M/F	BPB1345



VTH150D / VTH200D

Ref No.	Description	Part No.
1	1/4BSP Condensate Diffuser	BPB1348
2	1/4BSPF x 10mm Tube connector	BPB1347
3	Condensate bottle complete	BPB0088
4	6mm Nylon tube	BPB0203
5	10mm Push fit Y connector	BPB1346
6	1/8 x 6mm Tube Elbow	BPB0278
7	Solenoid valve c/w cable	BPB0545
8	Air Filter - Centrifugal - Coalescing	BPB1359
9	Coalescing filter - auto drain	BPB1336
10	Element for BPB1359	BPB1367
11	1/4 x 3/8 adaptor	BPB0591
12	3/8 x 10mm Elbow	BPB0593
13	10mm Black nylon tube	BPB0551
14	3/8 Elbow	BPB0282
15	Aftercooler	BPB0869
16	Delivery pipe	BPB0858
17	Non return valve	BPB0656
18	Adaptor	BPB0356
19	Extension	BPB0152
20	30mm Rubber mounting	BPB1296

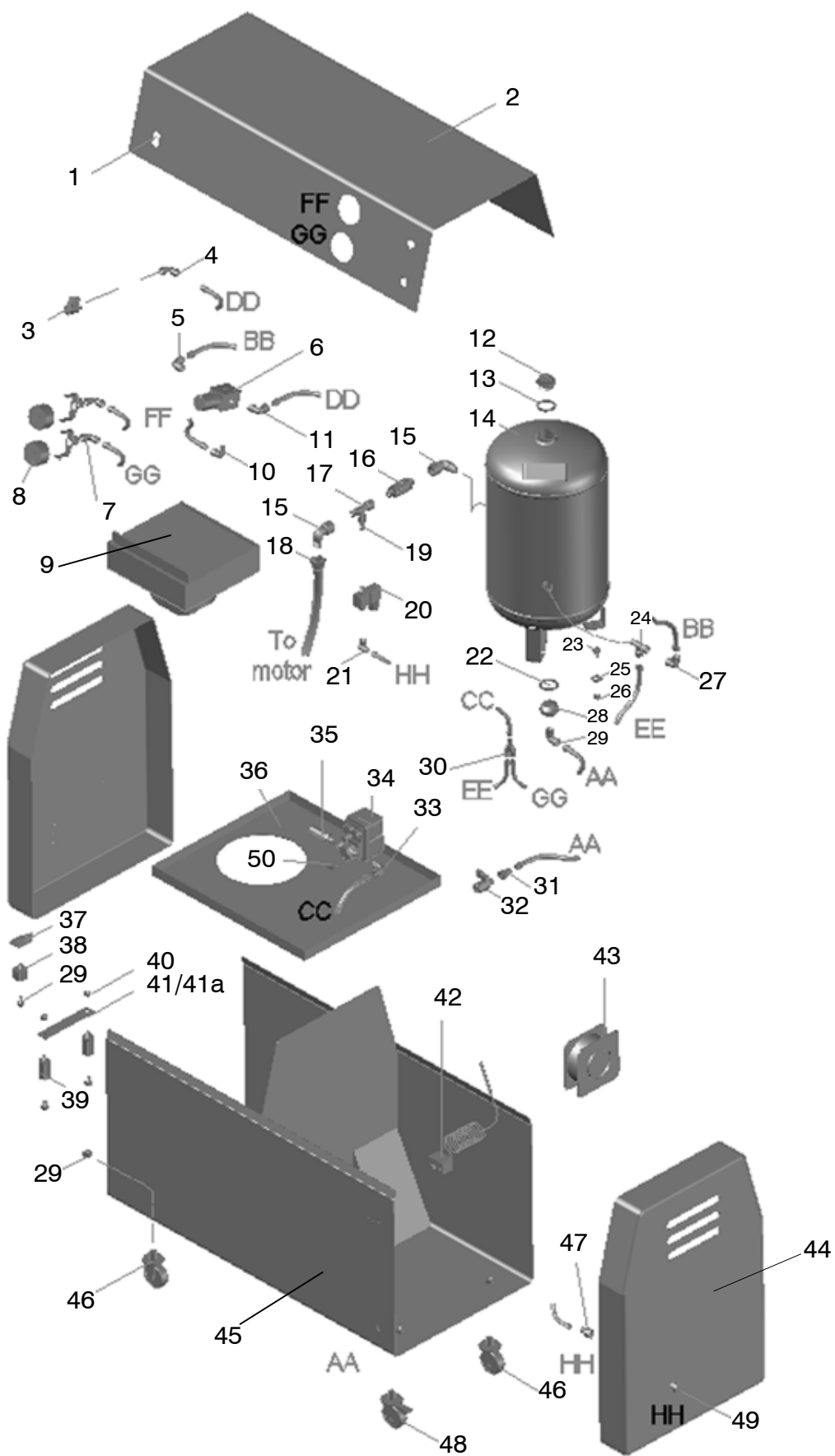
21	1/4 Drain tap	BPB0895
22	Drain tube	BPB0284
23	1/4 x 10mm Elbow	BPB0276
24	Push fit elbow 10mm M/F	BPB1345
25	50mm Tank pressure gauge	BPB1081
26	Pressure switch	BPB0550
27	40mm Line pressure gauge	BPB1077
28	Pressure regulator	BPB0510
29	1/4 Adaptor	BPB1078
30	On/off tap	BPB1079
31	Safety valve	BPB1084
32	1/4 Elbow	BPB1139
33	50 Litre tank	BPB0474
34	Rubber foot	BPB0601
35	Inspection plug	BPB0243
36	Inspection plug seal	BPB0502
37	1/4 x 10mm Swivel elbow	BPB0276
38	Dryer mounting bracket	BPB0503
39	Dryer assembly	BPB0548
40	Delivery pipe	BPB0508
41	Purge tank bleed valve	BPB0775
42	Purge tank	BPB0484
43	Adaptor	BPB0918
44	Push fit Reducer 10mm Male 6mm Female	BPB1338



VT S75 / 150 / 200

Ref No.	Description	Part no.
1	On/Off switch	APT626
2	Cabinet lid	BPB0763
3	On/Off valve	BPB1079
4	1/4 10mm Stud elbow	BPB0820
5	1/4 10mm Tube elbow	BPB0276
6	1/4 Regulator	BPB0510
7	1/4 x 6mm Tube elbow	BPB0758
8	1/4 Panel mounted gauge	BPB0748
9	Cooling fan housing inc. cover	BPB0767
10	1/4 x 6mm Elbow	BPB0044
11	1/4 x 10mm Tube elbow	BPB0276
12	Flanged inspection plug	BPB0243
13	Inspection plug seal	BPB0502
14	23ltr vessel	BPB0795
15	3/8 Plated elbow	BPB0282
16	3/8 Non-return valve	BPB0822
17	3/8 Tee	BPB0802
18	Delivery pipe	BPB0798
19	3/8 x 1/8 Bush	BPB0803
20	Solenoid valve / cable assembly	BPB0545
21	1/6 x 6mm Elbow	BPB0278
22	Inspection plug seal	BPB0502
23	Hex screw	BPB0265
24	1/4 Tee	BPB1109
25	M6 x 25 washer	BPB0121
26	M8 nut	BPB0161

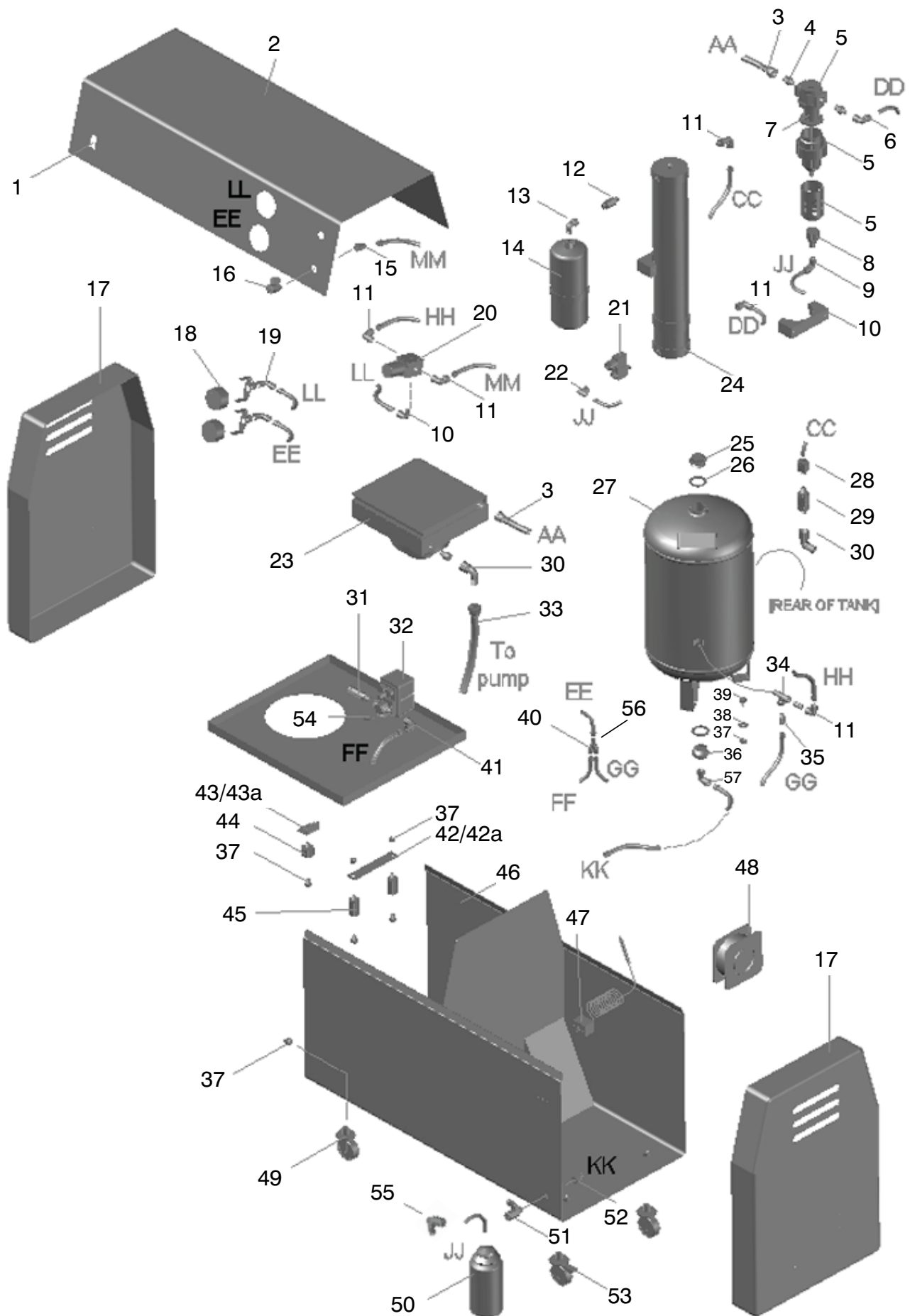
27	1/4 x 10mm Elbow	BPB0276
28	Reducing bush	BPB0255
29	1/4 x 6mm Tube swivel elbow	BPB0042
30	6mm tube Y connector	BPB0279
31	3/8 x 6mm Tube fitting	BPB0756
32	Drain tap	BPB0281
33	1/4 x 6mm Elbow	BPB0042
34	Pressure switch	BPB0550
35	Safety valve	BPB1084
36	Cabinet tray	BPB0764
37	0.75 & 1.5HP crankcase bracket	BPB0347
37	2.0HP crankcase bracket	BPB0517
38	20mm rubber mount	BPB0273
39	40mm rubber mount	BPB0272
40	M8 nyloc nut	BPB0266
41	Motor mounting bracket 75 & 150	BPB0321
41a	Motor mounting bracket 200	BPB0516
42	Cutout / reset switch	BPB0722
43	Cooling fan	BPB0727
44	End panel	BPB0538
45	Cabinet base	BPB0762
46	Swivel castor	BPB0811
47	1/8 x 6mm Tube fitting	BPB0154
48	Swivel castor with brake	BPB0812
49	1/8 Silencer	BPB0588
50	Thermal switch	BPB0732



VTS75D / 150D / 200D

Ref No.	Description	Part no.
1	On/off switch	APT626
2	Cabinet lid	BPB0763
3	Delivery pipe	BPB0728
4	3/8 Bulkhead connector	BPB0749
5	Air filter - Centrifugal - Coalescing	BPB1359
6	3/8 x 10mm Tube elbow	BPB0277
7	Element for BPB1359	BPB1367
8	Coalescing filter - auto drain	BPB1336
9	Push fit elbow 10mm M/F	BPB1345
10	Dryer mounting clamp [two halves]	BPB0503
11	1/4 x 10mm Tube elbow	BPB0276
12	Purge tank bleed pipe	BPB0775
13	1/4 Elbow	BPB1139
14	Dryer purge tank	BPB0484
15	1/4 x 10mm Elbow	BPB0820
16	On/off valve	BPB1079
17	End panel	BPB0538
18	1/4 x 63mm 0-160 gauge	BPB0748
19	6mm tube elbow	BPB0758
20	Regulator	BPB0510
21	Solenoid valve / cable assembly	BPB0545
22	1/8 x 6mm Tube fitting	BPB0154
23	Aftercooler / fan assembly	BPB0862
24	Dryer assembly	BPB0548
25	Flanged inspection plug	BPB0243
26	Inspection plug seal	BPB0502
27	23ltr vessel	BPB0795
28	3/8 x 10mm Tube connector	BPB0275

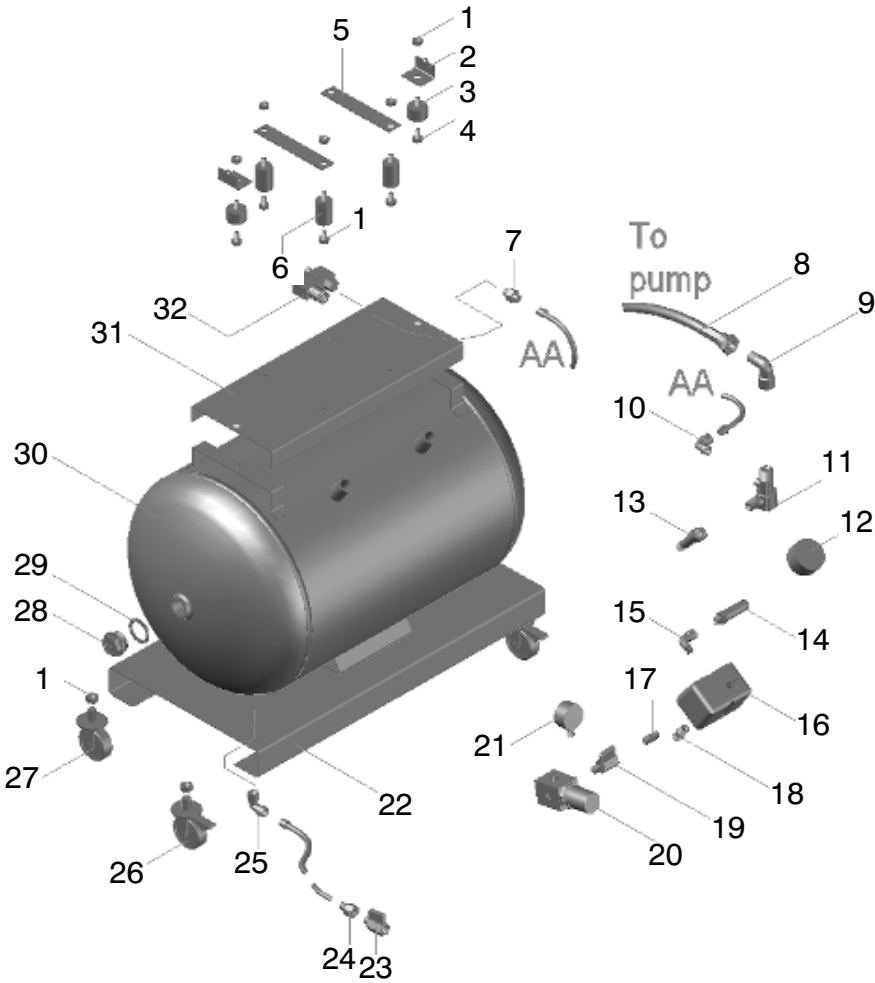
29	3/8 Non-return valve	BPB0822
30	3/8 Plated elbow	BPB0282
31	Safety valve	BPB1084
32	Pressure switch	BPB0550
33	Delivery pipe	BPB0508
34	1/4 Tee piece	BPB1109
35	1/4 x 6mm Tube fitting	BPB0043
36	1/2 x 1/4 Flanged bush	BPB1237
37	M8 Hex full nut	BPB0161
38	M8 x 25 washer	BPB0121
39	M8 x 16mm set screw	CP2737
40	10mm Push fit Y connector	BPB1346
41	1/4 x 6mm Tube elbow	BPB0042
42	Motor mounting bracket: 75/150	BPB0321
42a	Motor mounting bracket: 200	BPB0516
43	0.75/1.5HP Crankcase mtg bracket	BPB0347
43a	2HP Crankcase mounting bracket	BPB0517
44	20mm Rubber mount	BPB0273
45	40mm Rubber mount	BPB0272
46	Cabinet base	BPB0762
47	Cutout / Reset switch	BPB0722
48	Cooling fan	BPB0727
49	Swivel castor	BPB0811
50	Water bottle c/w cap and cage	BPB0088
51	Drain valve	BPB0281
52	3/8 x 6mm Tube fitting	BPB0756
53	Swivel castor with brake	BPB0812
54	Thermal switch	BPB0732
55	Elbow Adapter Push in 10mm to Push in 10mm	BPB1364
56	Push fit reducer 10mm-6mm	BPB1344
57	1/4 x 6mm Tube Swivel Elbow	BPB0042



VT250

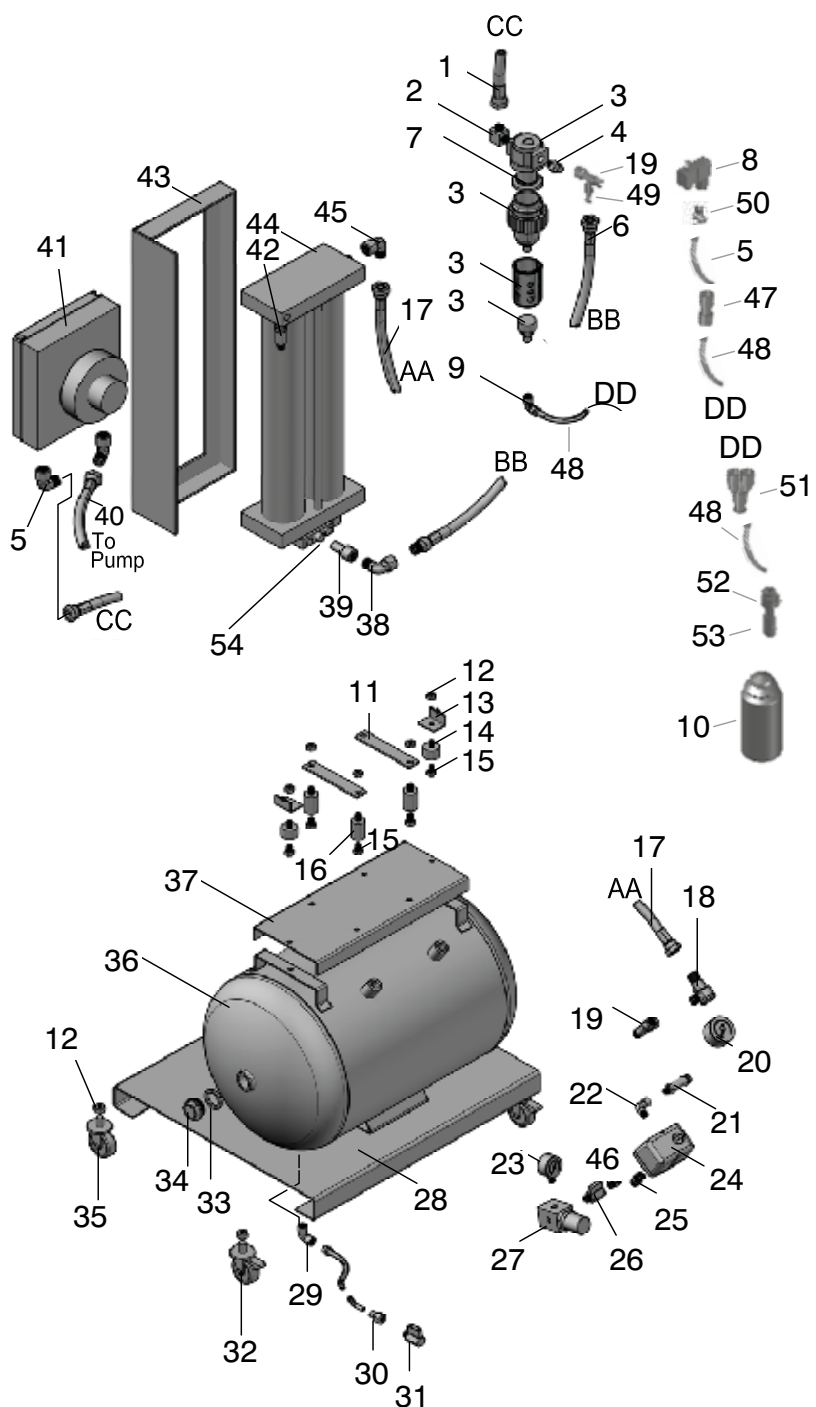
Ref No.	Description	Part no.
1	M8 Hex full nut	BPB0161
2	Crankcase mounting bracket	BPB0517
3	20mm Rubber mount	BPB0273
4	M8 Flanged nut	BPB0130
5	2.0hp Motor mounting bracket	BPB0516
6	40mm rubber mount	BPB0272
7	1/8 x 6mm push tube fitting	BPB0154
8	Delivery pipe	BPB0798
9	3/8 Elbow	BPB0282
10	1/8 x 6mm elbow tube fitting	BPB0044
11	3/8 X 3/8 N/R valve	BPB0656
12	Pressure gauge	BPB1081
13	3/8 Tee	BPB0802
14	Safety valve	BPB1084
15	1/4 Elbow	BPB1139
16	Pressure switch	BPB0550

17	1/4 x 1/4 Adaptor	BPB1078
18	3/8 x 3/8 Adaptor	BPB0283
19	On/Off valve	BPB1079
20	Regulator	BPB0510
21	Pressure gauge	BPB0657
22	Base plate	BPB0319
23	Drain valve	BPB0895
24	Hose tail	BPB1076
25	1/4 Elbow	BPB1139
26	Swivel castor with brake	BPB0812
27	Swivel castor	BPB0811
28	Flanged Inspection plug	BPB0243
29	Inspection plug seal	BPB0502
30	59 litre vessel	BPB0230
31	Motor Mtg bracket	BPB0343
32	Solenoid valve / cable assembly	BPB0545



VT250D

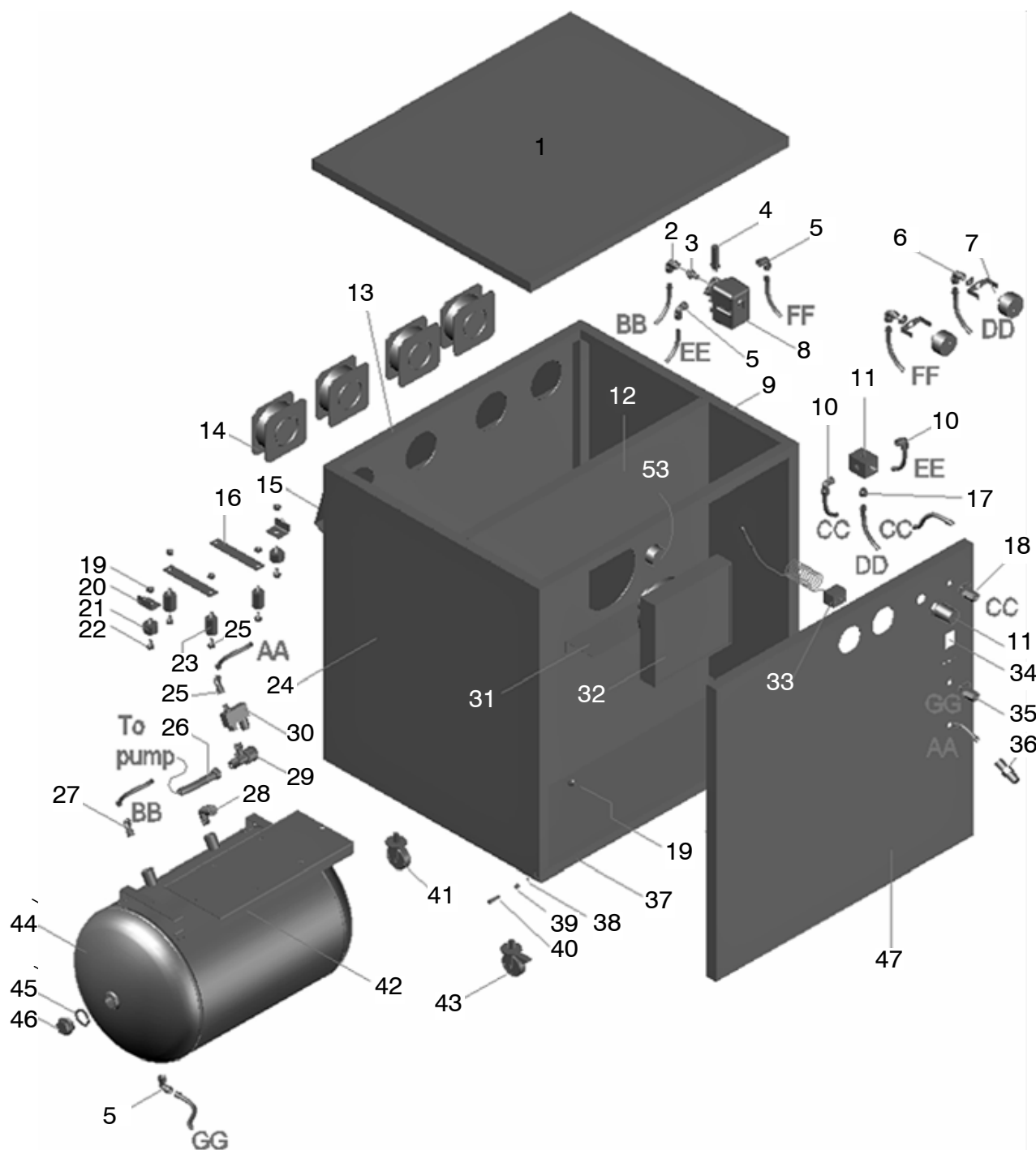
Ref No.	Description	Part No.
1	Delivery pipe	BPB0858
2	3/8 Elbow	BPB0614
3	Air filter	BPB1359
4	3/8 x 3/8 Adaptor	CP0713
5	6mm od x 4mm id Black Nylon Tube	BPB0203
6	Delivery pipe	BPB0357
7	Air filter element	BPB1367
8	Solenoid valve / cable assembly	BPB0545
9	10mm Push fit elbow 10mm M/F	BPB1345
10	Water bottle / black cap & cage	BPB0088
11	Motor mounting bracket	BPB0516
12	M8 Hex full nut	BPB0161
13	Crankcase mounting bracket	BPB0517
14	20mm rubber mount	BPB0273
15	M8 Flanged nut	BPB0130
16	40mm rubber mount	BPB0272
17	Delivery pipe	BPB0798
18	3/8 x 3/8 Non-return valve	BPB0656
19	3/8 Tee	BPB0802
20	Pressure gauge	BPB1081
21	Safety valve	BPB1084
22	1/4 Elbow	BPB1139
23	Pressure gauge	BPB0657
24	Pressure switch	BPB0550
25	3/8 x 3/8 Adaptor	BPB0283
26	On/Off valve	BPB1079
27	Regulator	BPB0510
28	Base plate	BPB0315
29	Elbow	BPB1139
30	Hose tail	BPB1076
31	Drain valve	BPB0895
32	Swivel castor with brake	BPB0812
33	Inspection plug seal	BPB0502
34	Inspection plug	BPB0243
35	Swivel castor	BPB0811
36	59ltr vessel	BPB0230
37	Motor mounting bracket	BPB0343
38	1/4 Elbow	BPB1139
39	1/4 Extension piece	BPB0150
40	Delivery pipe	BPB0508
41	After-cooler c/w fittings and guard	BPB0860
42	Safety valve	BPB1084
43	After-cooler / dryer mounting brkt.	BPB0330/0331
44	Twin tower dryer	BPB0836
45	3/8 Outlet elbow	BPB0629
46	1/4 x 1/4 Adaptor	BPB1078
47	Push fit reducer 10mm-6mm Female/Female	BPB1344
48	10mm od x 8mm id Black Flexible Nylon Tube	BPB0551
49	3/8bpsm x 1/8"bspf Reducing Bush	BPB0803
50	1/8bspf x 6mm Tube Elbow	BPB0278
51	10mm Push fit Y connector	BPB1349
52	1/4BSPF x 10mm Tube Connector	BPB1347
53	1/4BSP Condensate Diffuser	BPB1348
54	Solenoid Valve Body	BPB1279



VT
S250

Ref No.	Description	Part no.
1	Top panel	BPB0354
2	3/8 x 10mm Tube elbow	BPB0593
3	3/8 Bulkhead connector	BPB0749
4	Safety valve	BPB1084
5	1/4 x 6mm Tube elbow	BPB0042
6	1/4 x 6mm Tube elbow	BPB0758
7	1/4 x 63mm 0-160 Gauge	BPB0748
8	Pressure switch	BPB0550
9	Cabinet: RH panel	BPB0352
10	1/4 x10mm Tube elbow	BPB0276
11	Regulator	BPB0510
12	Cabinet centre panel	BPB0353
13	Cabinet back panel	BPB0350
14	Cooling fan	BPB0727
15	Fan guard	BPB0355
16	2.0HP Motor mounting bracket	BPB0516
17	1/8 x 6mm Push fitting	BPB0154
18	On/Off valve	BPB1079
19	M8 Hex full nut	BPB0161
20	2.0HP Crankcase mounting brkt.	BPB0517
21	20mm Rubber mount	BPB0273
22	M8 Flanged nut	BPB0130
23	40mm Rubber mount	BPB0272
24	Cabinet LH panel	BPB0351

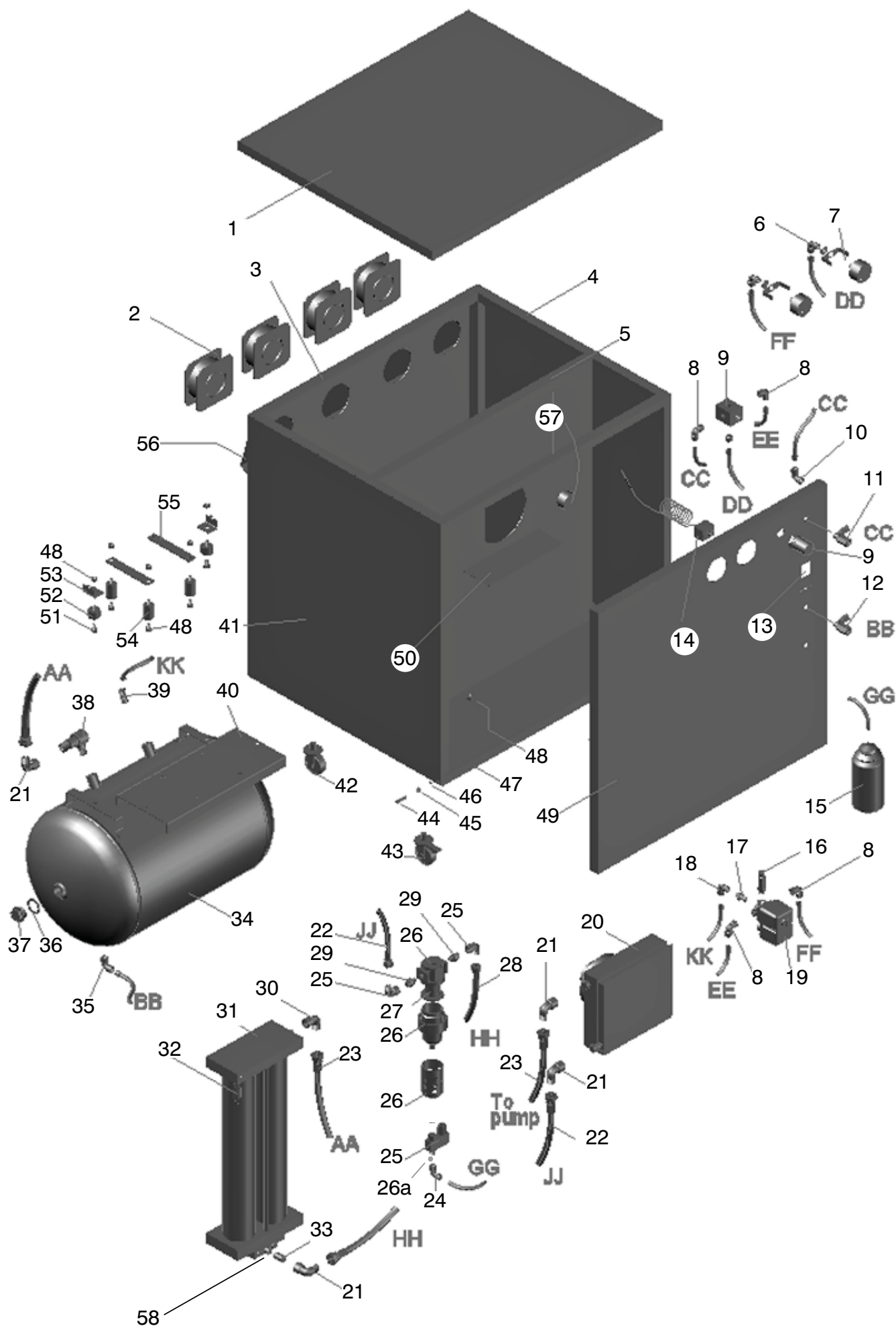
25	1/8 x 6mm Elbow	BPB0278
26	Delivery pipe	BPB0508
27	3/8 x 10mm Tube elbow	BPB0277
28	3/8 Elbow	BPB0282
29	Non-return valve	BPB0656
30	Solenoid valve / cable assembly	BPB0545
31	After-cooler mounting bracket	BPB0336
32	Cooling fan / housing: Large	BPB0767
33	Cutout / Reset switch	BPB0722
34	On/Off switch	APT626
35	Drain valve	BPB0895
36	Silencer	BPB0588
37	Cabinet base	BPB0348
38	Retaining washer	BPB0559
39	Spacer	BPB0082
40	M6 x 35mm caphead screw	BPB0131
41	Swivel castor	BPB0973
42	Motor mounting plate	BPB0343
43	Swivel castor c/w brake	BPB0974
44	59ltr vessel	BPB0230
45	Inspection plug seal	BPB0502
46	Inspection plug	BPB0243
47	Cabinet front panel	BPB0349
48	Thermal switch	BPB0732



VTS250D

Ref No.	Description	Part no.
1	Top panel	BPB0354
2	Cooling fan	BPB0727
3	Back panel	BPB0350
4	Cabinet RH panel	BPB0352
5	Cabinet centre panel	BPB0353
6	1/4 x 6mm Tube elbow	BPB0758
7	1/4 x 63mm 0-160 gauge	BPB0748
8	1/4 x 10mm Tube elbow	BPB0276
9	Regulator	BPB0510
10	1/4 x10mm Elbow	BPB0820
11	On/Off valve	BPB1079
12	Drain valve	BPB0895
13	On/Off switch	APT626
14	Cutout/Reset switch	BPB0722
15	Water bottle c/w cap and cage	BPB0088
16	Safety valve	BPB1084
17	3/8 Bulkhead connector	BPB0749
18	3/8 x 10mm Tube elbow	BPB0593
19	Pressure switch	BPB0550
20	Aftercooler c/w fittings / guard	BPB0869
21	3/8 x Plated elbow	BPB0282
22	Delivery pipe	BPB0728
23	Delivery pipe	BPB0798
24	1/8 x 6mm Elbow	BPB0044
25	Solenoid valve / cable assembly	BPB0545
26	Air filter - Centrifugal - Coalescing	BPB1359
26a	1/4bsp x 1/8bsp Reducing Bush	BPB0041
27	Element for BPB1359	BPB1367
28	Delivery pipe	BPB0508

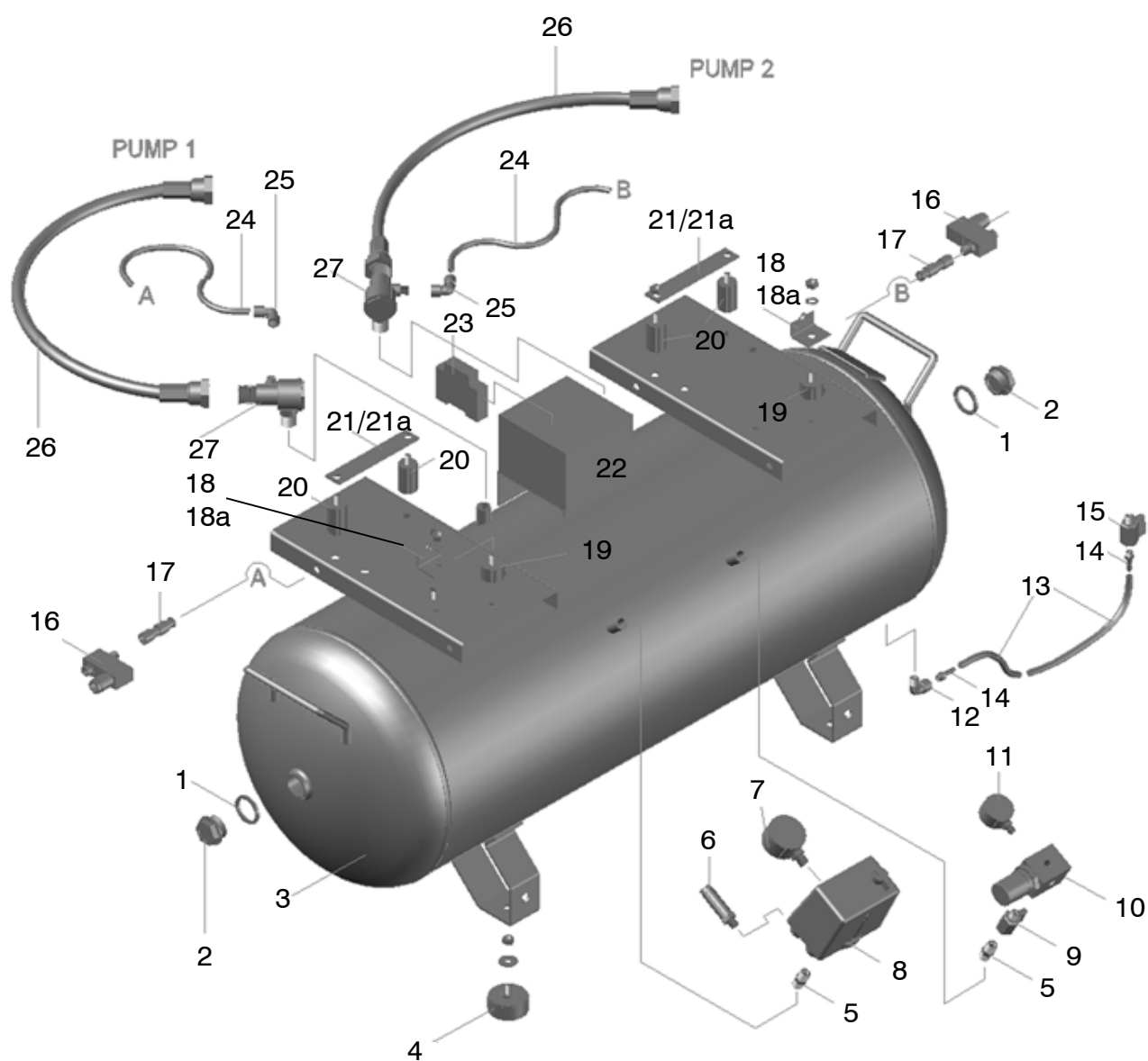
29	3/8 Bulkhead connector	BPB0749
30	3/8 Elbow	BPB0629
31	Twin tower dryer	BPB0836
32	Relief valve: 10bar	BPB1084
33	Extension piece	BPB0150
34	59ltr vessel	BPB0230
35	1/4 x 6mm Tube elbow	BPB0042
36	Inspection plug seal	BPB0502
37	Flanged inspection plug	BPB0243
38	Non-return valve	BPB0656
39	3/8 x 10mm Tube elbow	BPB0593
40	Motor mounting plate	BPB0343
41	Cabinet LH panel	BPB0351
42	Swivel castor	BPB0973
43	Swivel castor c/w brake	BPB0974
44	M6 x 35mm cap head bolt	BPB0131
45	Spacer	BPB0082
46	Retaining washer	BPB0559
47	Cabinet base	BPB0348
48	M8 Hex nut	BPB0161
49	Cabinet front panel	BPB0349
50	After-cooler mounting bracket	BPB0336
51	M8 Flanged nut	BPB0130
52	20mm Rubber mount	BPB0273
53	2.0HP Crankcase mounting bracket	BPB0517
54	40mm Rubber mount	BPB0272
55	2.0HP motor mounting bracket	BPB0516
56	Fan guard	BPB0355
57	Thermal switch	BPB0732
58	Solenoid Valve Body	BPB1279



VT300 / VT400

Ref No.	Description	Part no.
1	Inspection plug seal	BPB0502
2	Inspection plug	BPB0243
3	100 Litre tank	BPB0262
4	Rubber foot	BPB0601
5	3/8 Adaptor	BPB0283
6	Safety valve	BPB1084
7	Tank pressure gauge	BPB0658
8	Pressure switch	BPB0549
9	3/8 On/off tap	BPB0535
10	Regulator	BPB0511
11	Line pressure gauge	BPB0657
12	3/8 Elbow	BPB0282
13	Drain tube	BPB0199
14	3/8 x 1/4 Hose tail	BPB0652

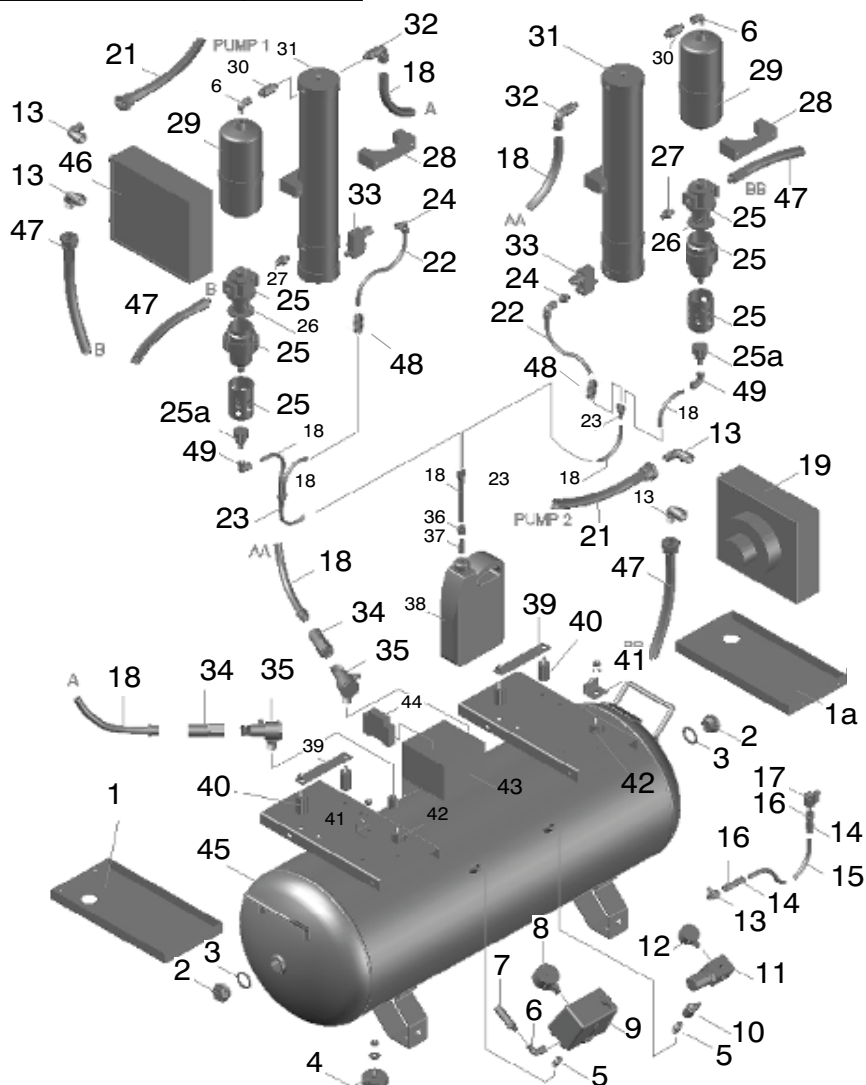
15	Drain valve	BPB0281
16	Solenoid c/w cable	BPB0545
17	1/8 x 6mm Push fitting	BPB0154
18	Crankcase mounting bracket [VT300]	BPB0347
18a	Crankcase mounting bracket [VT400]	BPB0517
19	20mm Rubber mounting	BPB0273
20	40mm Rubber mounting	BPB0272
21	Motor mounting bracket [VT300]	BPB0321
21a	Motor mounting bracket [VT400]	BPB0516
22	Electrics enclosure	BPB0513
23	Sequential timer	BPB0512
24	6mm Nylon tube	BPB0203
25	1/8 x 6mm Elbow push fitting	BPB0044
26	Delivery hose	BPB0508
27	Non return valve	BPB0656



VT300D / VT400D

Ref No.	Description	Part No.
1	Aftercooler mounting bracket LH	BPB0863
1a	Aftercooler mounting bracket RH	BPB0557
2	Inspection plug	BPB0243
3	Inspection plug seal	BPB0502
4	Rubber foot	BPB0601
5	3/8 Adaptor	BPB0283
6	1/4 Elbow	BPB1139
7	Safety valve	BPB1084
8	50mm Tank pressure gauge	BPB0658
9	Pressure switch	BPB0549
10	3/8 on/off tap	BPB0535
11	Pressure regulator	BPB0511
12	40mm Line pressure gauge	BPB0657
13	3/8 Elbow	BPB0282
14	3/8 x 1/4 Hose tail	BPB0652
15	Drain tube	BPB0199
16	Drain tube clamp	BPB0200
17	Drain valve	BPB0281
18	10mm tube	BPB0551
19	Aftercooler R/H	BPB0561
20	3/8 x 10mm Swivel elbow	BPB0593
21	Delivery tube	BPB0508
22	6mm Nylon tube	BPB0203
23	10mm Push fit Y connector	BPB1346
24	1/8 x 6mm Elbow	BPB0278
25	Air filter - Centrifugal - Coalescing	BPB1359

25a	Coalescing filter - auto drain	BPB1336
26	Element for BPB1359	BPB1367
27	1/4 x 3/8 Adaptor	BPB0591
28	Dryer mounting clamp	BPB0503
29	Purge tank	BPB0484
30	Purge tank bleed pipe	BPB0775
31	Dryer assembly	BPB0548
32	1/4 x 10mm Swivel elbow	BPB0276
33	Solenoid valve c/w cable	BPB0545
34	3/8 x 10mm Connector	BPB0275
35	Non return valve	BPB0656
36	1/4BSFP x 10mm Tube connector	BPB1347
37	1/4BSP Condensate Diffuser	BPB1348
38	Condensate bottle	BPB0587
39	Motor mounting bracket [VT300D]	BPB0321
39	Motor mounting bracket [VT400D]	BPB0516
40	40mm Rubber mounting	BPB0272
41	Crankcase mounting bracket [VT300D]	BPB0347
41	Crankcase mounting bracket [VT400D]	BPB0517
42	20mm Rubber mounting	BPB0273
43	Electrics enclosure	BPB0513
44	Sequential timer	BPB0512
45	100 Litre tank	BPB0262
46	Aftercooler L/H	BPB0865
47	270mm Delivery pipe	BPB0858
48	Push reducer 10mm male 6mm female	BPB1338
49	Push fit elbow 10mm M/F	BPB1345

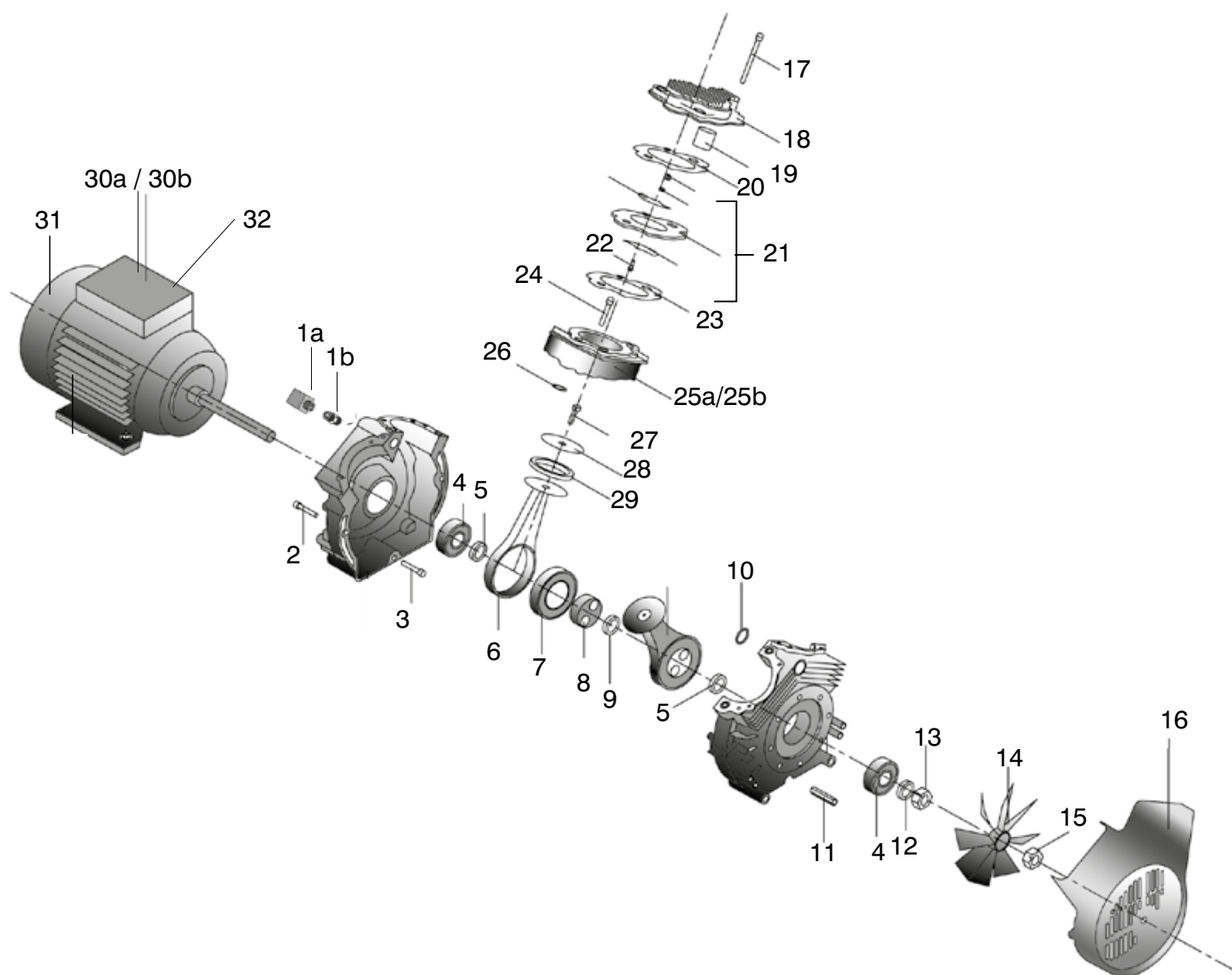


Motor / Pump Parts:

VT[H]75 / VT[H]75D / VT[H]150 / VT[H]150D / VT300/VT300D

Ref No.	Description	Part No.
1a	3/8 Elbow	BPB0614
1b	3/8 Elbow	BPB0654
2	Block fixing	BPB0665
3	Block screw	BPB0667
4	Block bearing	BPB0668
5	Short spacer	BPB0669
6	Con rod	BPB0670
7	Con rod bearing	BPB0671
8	Eccentric	BPB0672
9	Large spacer	BPB0673
10	Block "O" ring	BPB0674
11	Stud bolt	BPB0676
12	16mm washer	BPB0677
13	M16 Nut	BPB0678
14	Fan	BPB0625
15	M16 Fan nut	BPB0679
16	Fan cowling	BPB0626
17	Cylinder head bolt	BPB0680

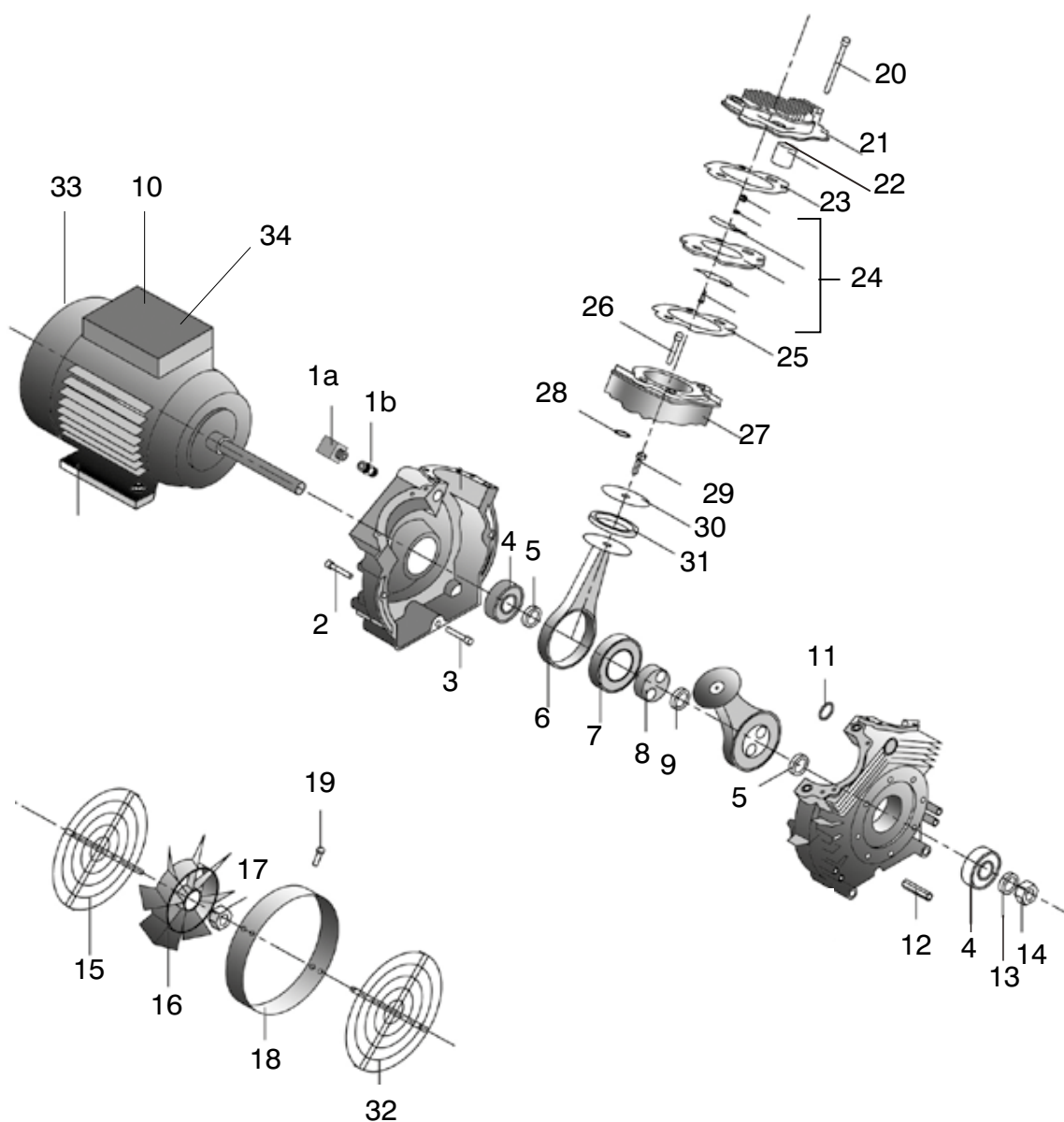
18	Cylinder head	BPB0681
19	Intake filter	BPB0682
20	Cylinder head gasket	BPB0620
21	Complete valve plate	BPB0686
22	Valve strip bolt	BPB0687
23	Valve plate gasket	BPB0621
24	Cylinder bolt	BPB0688
25a	Cylinder VT75	BPB0689
25a	Cylinder VT150	BPB0690
26	Cylinder "O" ring	BPB0691
27	Top washer bolt	BPB0692
28	Top washer	BPB0693
29	Piston seal	BPB0623
30a	Capacitor VT75	BPB0695
30b	Capacitor VT150	BPB0696
31	Motor fan cover	BPB0618
32	Terminal box for VT pumps	BPB1329



Motor / Pump Parts: VT[H]200 / VT[H]200D / VT400 / VT400D

Ref No.	Description	Part No.
1a	Elbow	BPB0614
1b	3/8BSP M/M Equal adaptor	BPB0654
2	Block fixing	BPB0665
3	Block screw	BPB0667
4	Block bearing	BPB0668
5	Short spacer	BPB0669
6	VT200 Con rod	BPB0700
7	Con rod bearing	BPB0671
8	Eccentric	BPB0672
9	Large spacer	BPB0673
10	VT200 Capacitor	BPB0701
11	Block "O" ring	BPB0674
12	Stud bolt	BPB0676
13	16mm washer	BPB0677
14	M16 Nut	BPB0678
15	Inner fan cover	BPB0703
16	Fan	BPB0704
17	M16 Fan nut	BPB0679

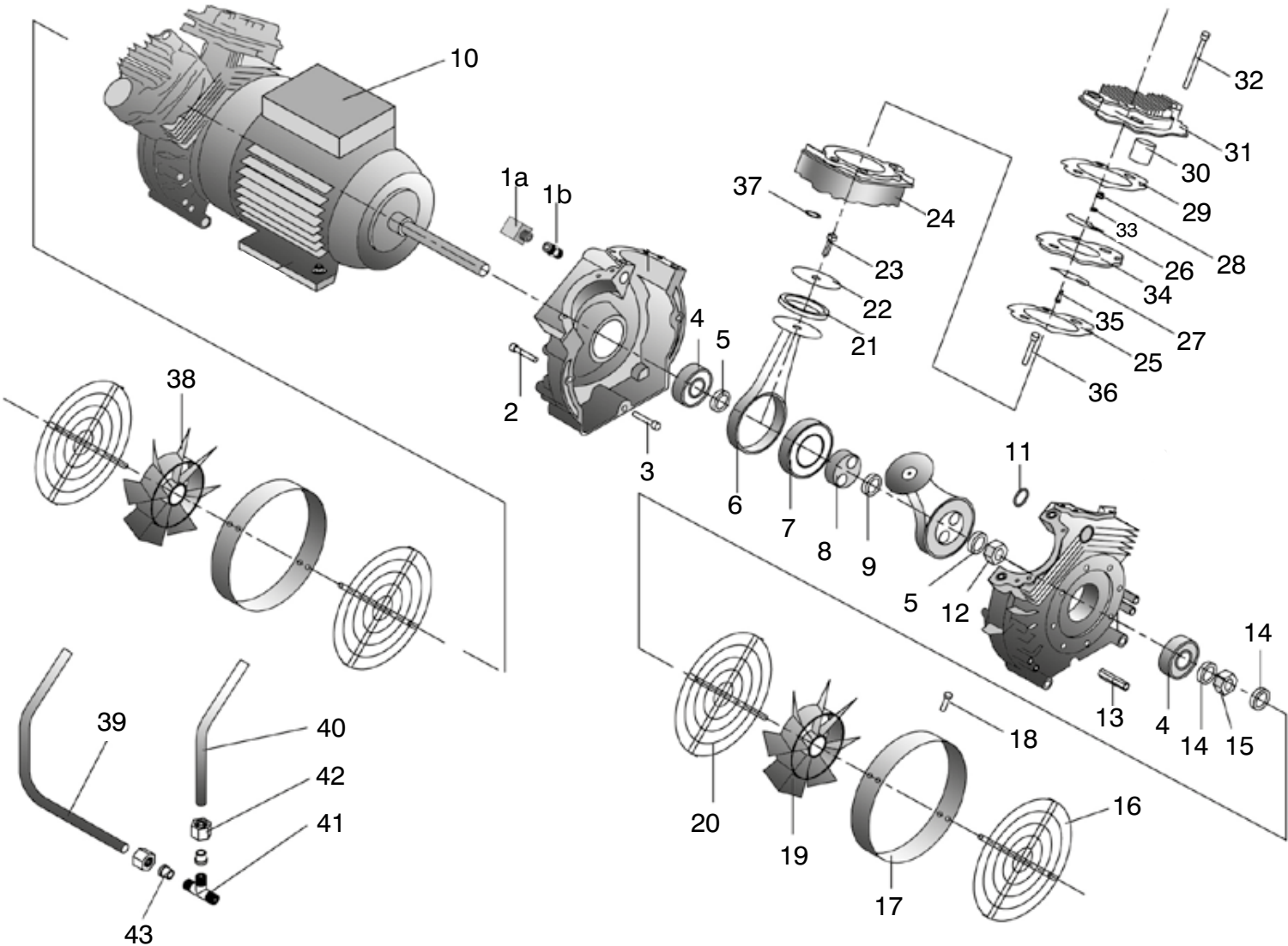
18	Fan ring	BPB0705
19	Fan cover fixing	BPB0706
20	Cylinder head bolt	BPB0680
21	Cylinder head	BPB0681
22	Intake filter	BPB0682
23	Cylinder head gasket	BPB0620
24	Complete valve plate	BPB0686
25	Valve plate gasket	BPB0707
26	Cylinder bolt	BPB0688
27	Cylinder VT200	BPB0708
28	Cylinder "O" ring	BPB0691
29	Top washer bolt	BPB0692
30	Top washer	BPB0709
31	Piston seal	BPB0710
32	Outer fan cover	BPB0716
33	Motor fan cover	BPB0619
34	Terminal box for VT pumps	BPB1329



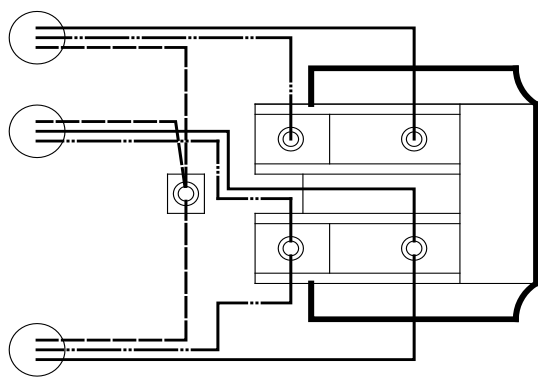
Motor / Pump Parts:
VT250 / VT250D / VTS250 / VTS250D

Ref No.	Description	Part No.
1a	Outlet connector	BPB0614
1b	Outlet connector	BPB0654
2	Block fixing	BPB0665
3	Block screw	BPB0667
4	Block bearing	BPB0668
5	Short spacer	BPB0669
6	Con rod	BPB0670
7	Con rod bearing	BPB0671
8	Eccentric	BPB0672
9	Large spacer	BPB0673
10	Capacitor	BPB0701
11	Block O ring	BPB0674
12	Eccentric nut	BPB0984
13	Stud bolt	BPB0676
14	Washer	BPB0677
15	M16 nut	BPB0678
16	VT250 Outer fan cover	BPB0991
17	VT250 fan ring	BPB0990
18	Fan cover fixing	BPB0706
19	VT250 Right hand fan	BPB0988

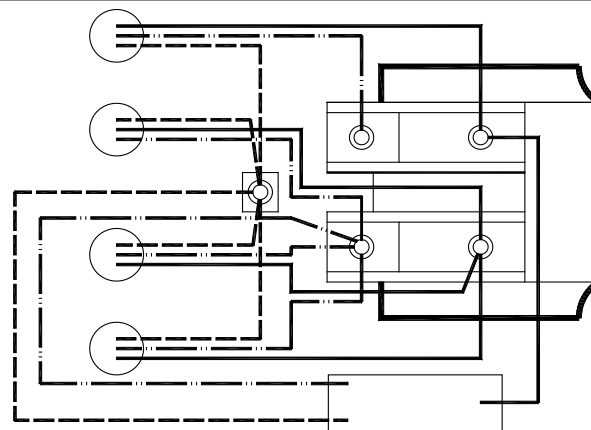
20	VT250 Inner fan cover	BPB0987
21	Piston seal	BPB0623
22	Top washer	BPB0693
23	Top washer screw	BPB0692
24	Cylinder	BPB0690
25	Valve plate gasket	BPB0621
26	Inlet valve strip	BPB0685
27	Outlet valve strip	BPB0685
28	Valve plate nut	BPB0683
29	Cylinder head gasket	BPB0620
30	Inlet filter	BPB0682
31	Cylinder head	BPB0681
32	Cylinder head bolt	BPB0680
33	Valve plate washer	BPB0684
34	Valve plate	BPB0686
35	Valve plate bolt	BPB0687
36	Cylinder bolt	BPB0688
37	Cylinder O ring	BPB0691
38	VT250 Left hand fan	BPB0989
39	90° connecting pipe	BPB0993
40	Straight pipe	BPB0994
41	Tee piece	BPB0992
42	Connecting pipe nut	BPB0986
43	Connecting pipe olive	BPB0985



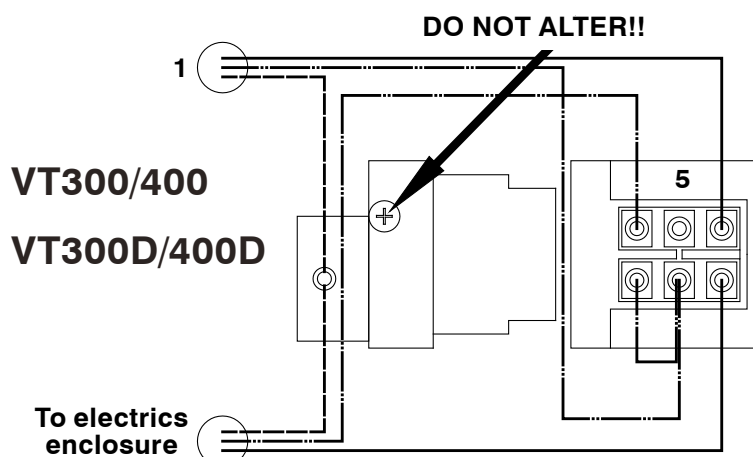
Wiring Diagrams - SINGLE PHASE



**VT[H]75 / VT[H]150 / VT[H]200 /
VT250**



VT[H]75D / VT[H]150D / VT[H] 200D / VT250D

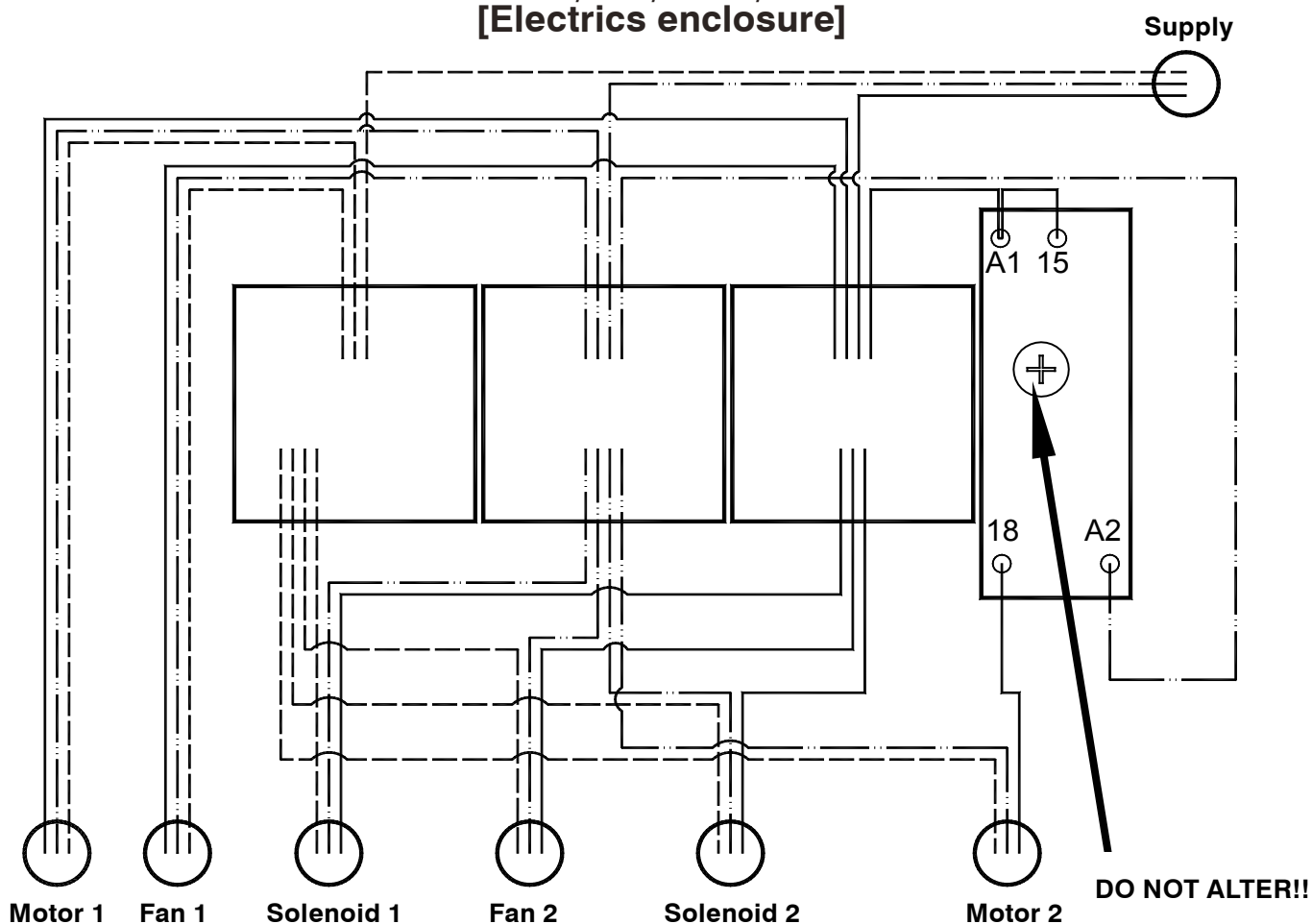


KEY:

- Live
- Neutral
- Earth

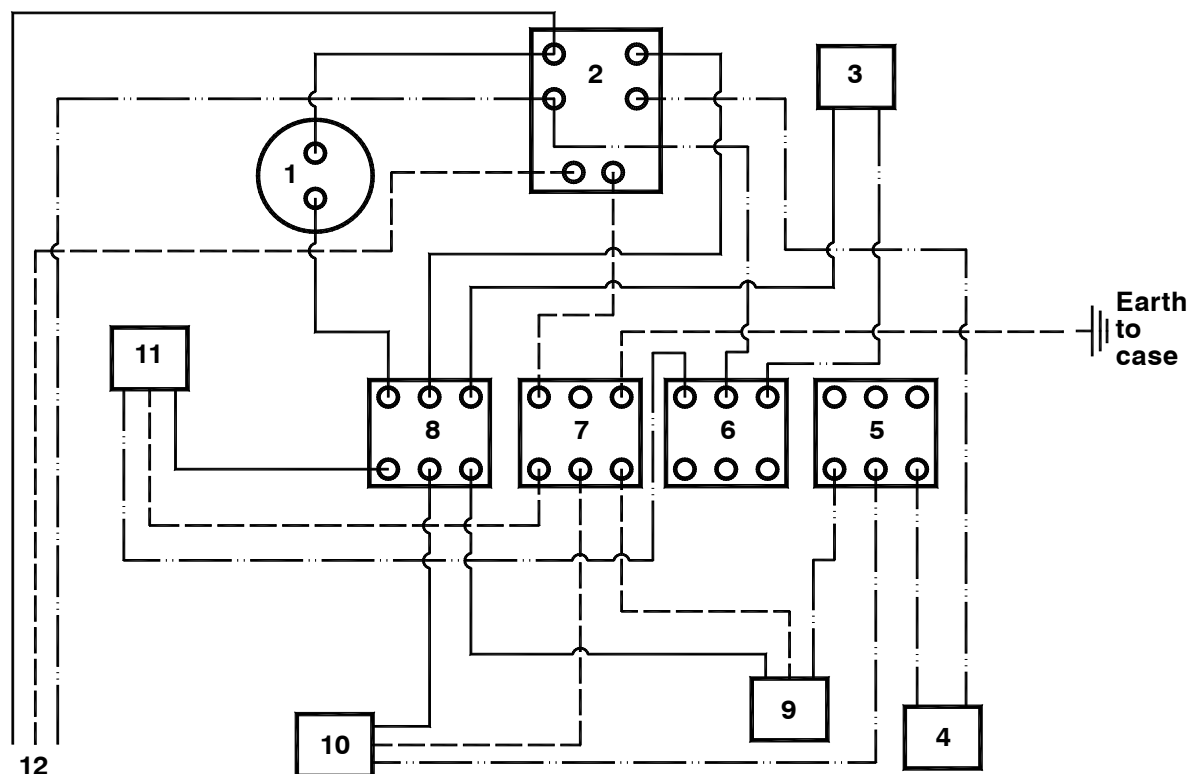
- 1 - Supply
- 2 - Solenoid
- 3 - Earth
- 4 - Motor
- 5 - Pressure Switch
- 6 - Cooling fan
- 7 - Timer box [VT250D only]

VT300/400/300D/400D [Electrics enclosure]



Wiring Diagrams - SINGLE PHASE - VTS

VTs75 150 200

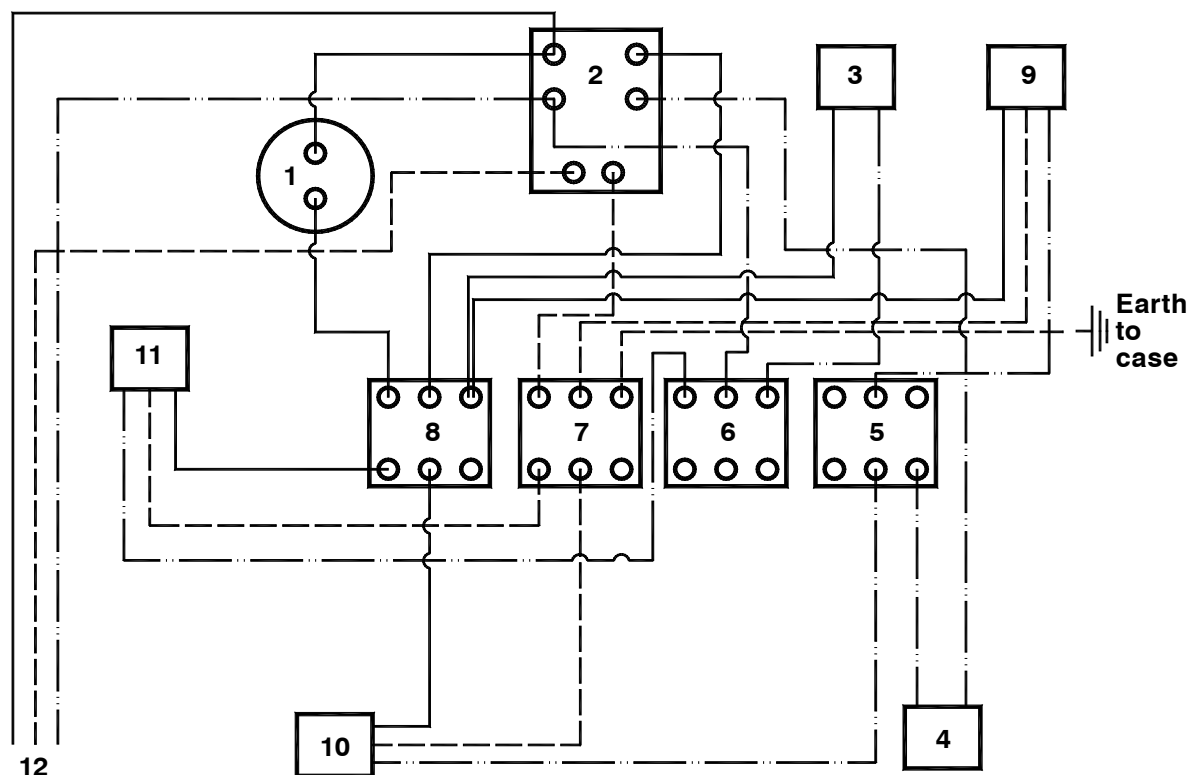


- | | | |
|-------------------------------|--|-------------------------|
| 1 - Thermal fan switch | 4 - Thermal trip | 10 - Compressor |
| 2 - Pressure switch | 5,6,7 & 8 Connection blocks | 11 - Cooling fan |
| 3 - Exhaust fan | 9 - Solenoid | 12 - Power in |

KEY:

_____ - Live
 _____ - Neutral
 _____ - Earth

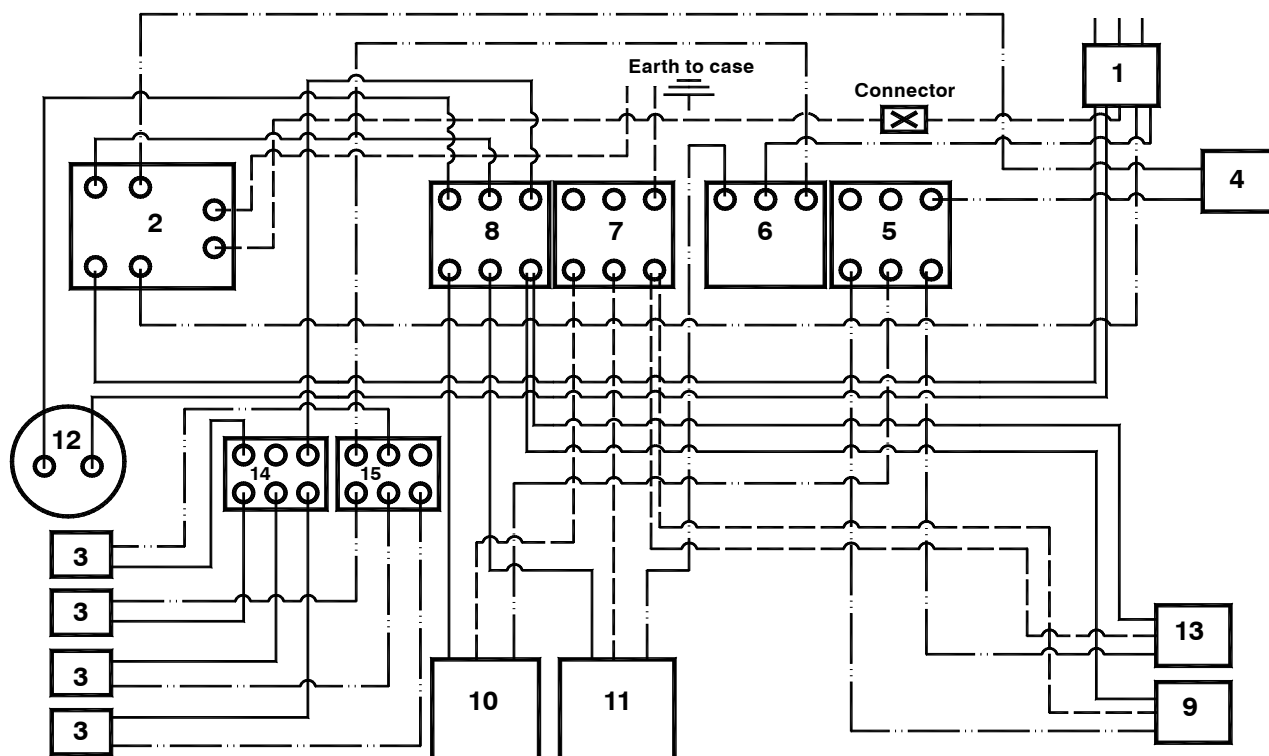
VT S75D 150D 200D



- | | | |
|------------------------|-----------------------------|------------------|
| 1 - Thermal fan switch | 4 - Thermal trip | 10 - Compressor |
| 2 - Pressure switch | 5,6,7 & 8 Connection blocks | 11 - Cooling fan |
| 3 - Exhaust fan | 9 - Solenoid | 12 - Power in |

Wiring Diagrams - SINGLE PHASE - VTS *cont'd*

VTS250 / 250D



1 - Power in

2 - Pressure switch

3 - Cooling fans

4 - Thermal trip

5,6,7,8,14 & 15 Connection blocks

9 - Solenoid

10 - Motor

11 - Aftercooler fan

12 - Thermal fan switch

13 - Timer box

Note! Timer box only used on Dryer models

NOTE!

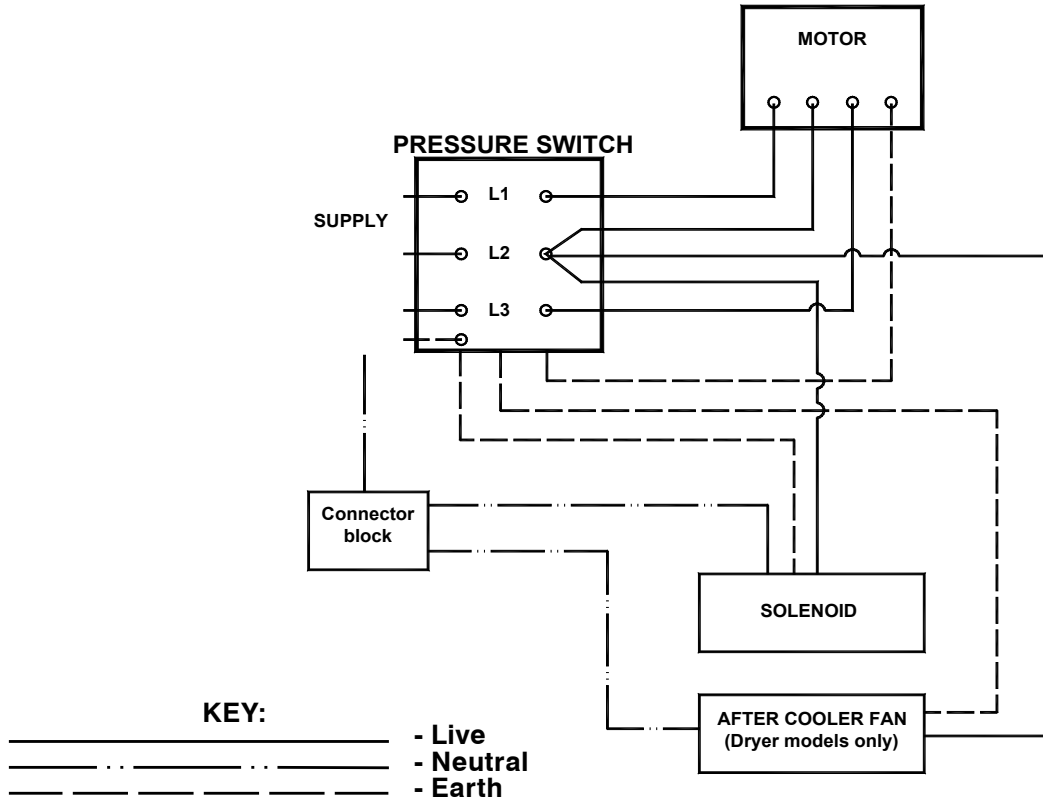
The cooling fans remain live even with the power switch in the "OFF" position

KEY:

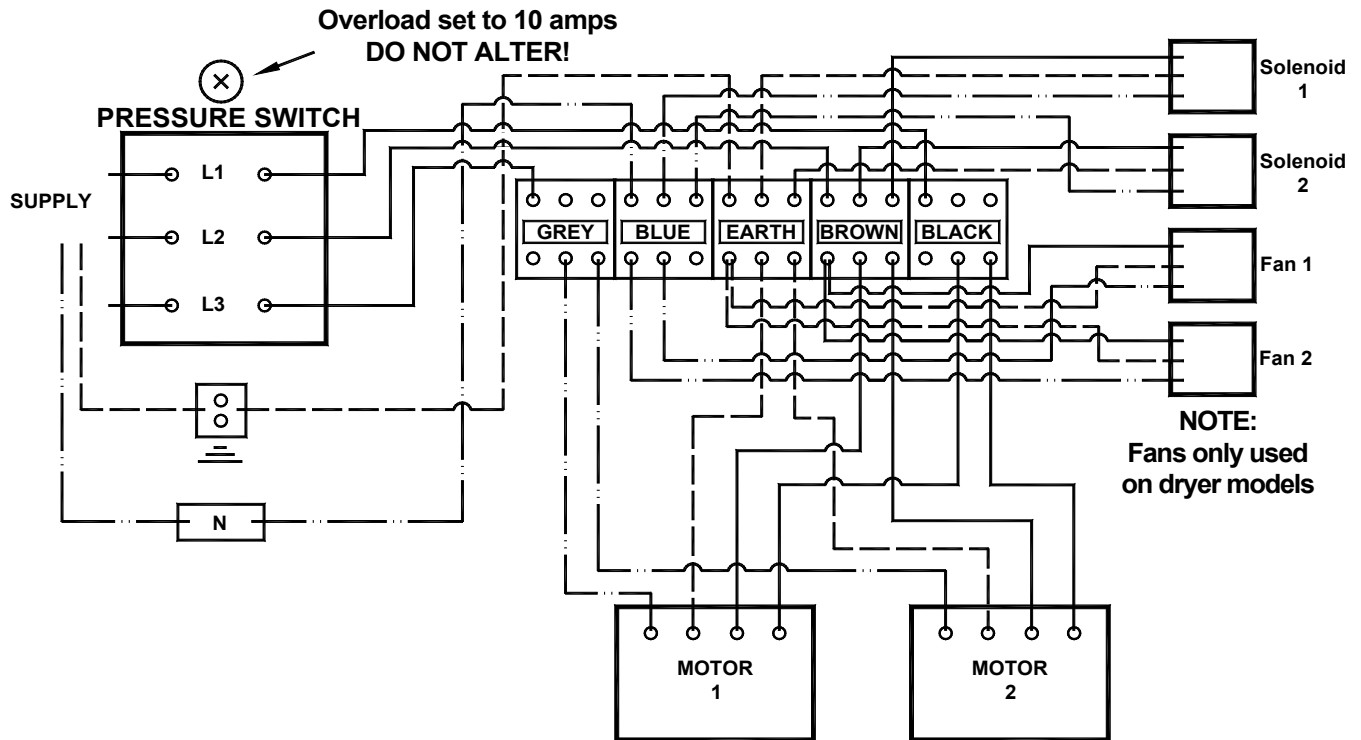
_____ - Live
 _____ - Neutral
 _____ - Earth

Wiring Diagrams - THREE PHASE

VT[H]150 / VT[H]200 / VT[H]150D / VT[H]200D
VT 250& VT250D



VT300/400/300D/400D



SERVICE RECORD

Date installed _____

Date	Maintenance work	Signature / Company

SERVICE KITS

BPVT 1 Service Kit covers models:

VT75 / VT150 / VT250 (2 kits) VT300 (2 kits) – including H/D/S variants

BPVT2 Service Kit covers models:

VT200 and VT400 (2 kits) - including H/D/S variants

BPB0655 required to change the Coalescing Filter Element

BPDSK Service Exchange Dryer

AIR DRYER PERFORMANCE

**Where fitted, the air dryer unit was tested using a Michell
Instruments C2TX Hygrometer**

The test procedure was carried out in accordance with ISO8573-1 Class
9.2.9:2010 Class 9.2.9

Molecular Sieve Type BS4A 2.5/5.00mm

Test Result: -40 Degree Dew Point

Duty Cycle Time: Full Flow @50%

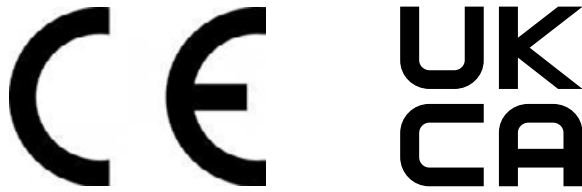
Performance: [100% pass]

NOTE: To ensure the optimum performance of your Bambi dryer please
note that the desiccant and filter need to be changed every two years
or if the Dew Point level is no longer achieved due to degradation of the
desiccant in extreme working conditions.

NOTES

BAMBI AIR LTD

152 Thimble Mill Lane, Heartlands, Birmingham, West Midlands, B7 5HT
Tel 0121 322 2299, Fax 0121 322 2297, e-mail



EC Declaration of Conformity - Declaration de Conformite CE – EG Konformitätserklärung

Declaracion de Conformidad CE - EG Verklaring van Overeenstemming

Bambi Air Ltd declares that this product conforms to the European Directives listed below.

Bambi Air Ltd declare que ce produit est conforme aux directives europeennes enumerees ci-dessous.

Bambi Air Ltd declara que este producto cumple con la Directiva Europea listada abajo.

Bambi Air Ltd verklaart dat dit product voldoet aan de onderstaande Europese Richtlijnen

Bambi Air Ltd erklart hiermit, dass dieses Produkt mit den Bestimmungen der Nachstehenden EU-Richtlinien übereinstimmt.

Machinery Safety Standard 2006/42 EU, LOW Voltage Directive 2014/35/EU,

Machinery Directive 2006/42/EU, Electromagnetic Compatibility 2014/35/EU

Simple Pressure vessels Directive 2014/29/EU Pressure Equipment Directive 2014/68/EU

EN600034, EN 60204-1:2018, EN ISO 12100-1:2010, EN ISO 13857:2019

Date 10/2021

IF NO SERIAL NUMBER HERE
THEN HANDBOOK ISSUED AS
REPLACEMENT OR WITH SERVICE KIT

A handwritten signature in black ink, appearing to read 'L. Clutterbuck', with a horizontal line underneath.

L. Clutterbuck
Director

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With over 37 years in the manufacture of precision Air compressors, Bambi have developed the most comprehensive range of Dental, Medical and Scientific Air Compressors manufactured in the United Kingdom.



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Cert. No: GBQF1045
ISO9001-2015
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Service to Industry
1963 - 2023

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