

Atlas Copco Desiccant dryers

BD 100, BD 150, BD 185, BD 250, BD 300

Parts list

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No. 2930 1423 01

Replaces No. 2930 1423 00

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Atlas Copco

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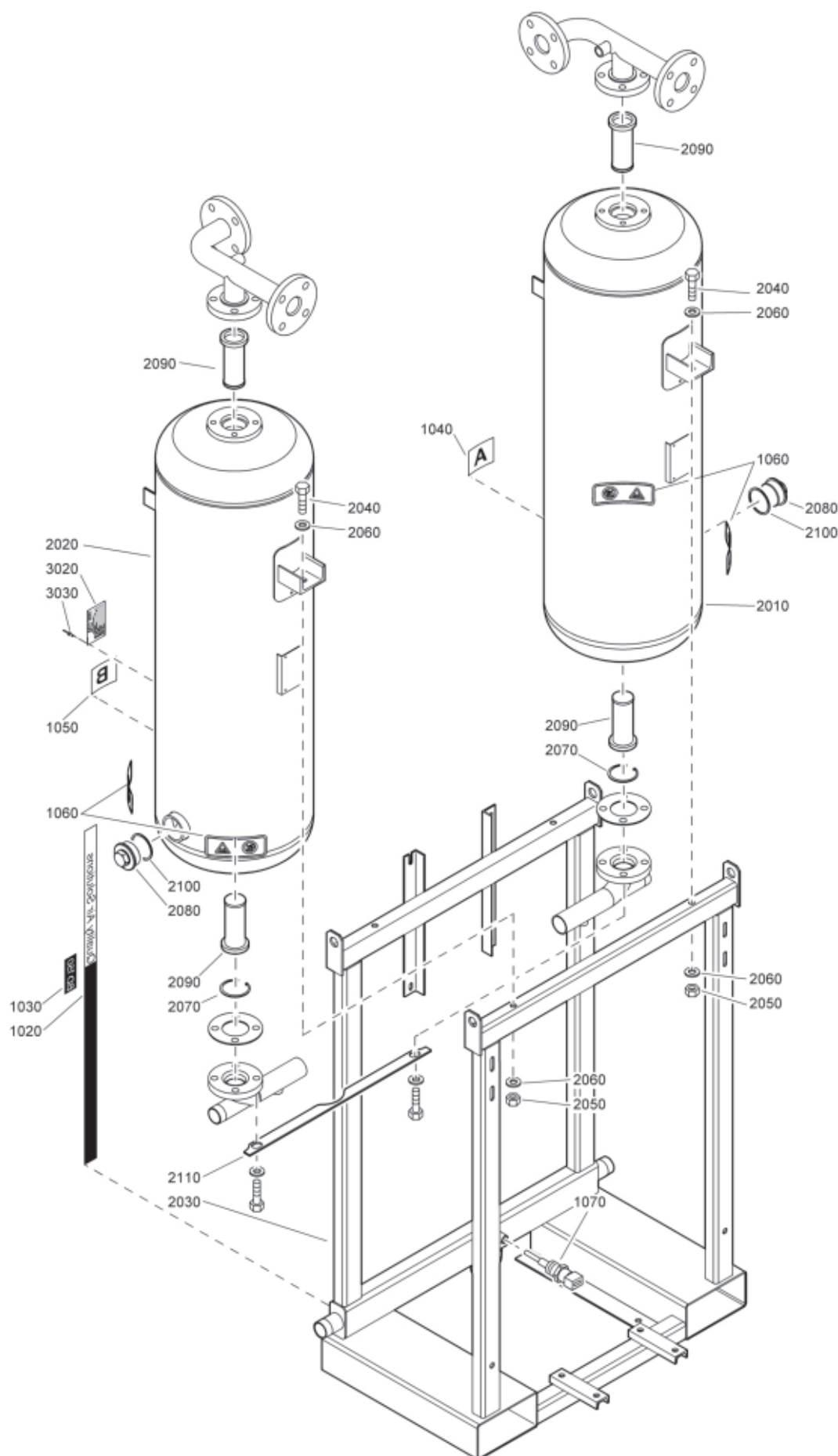
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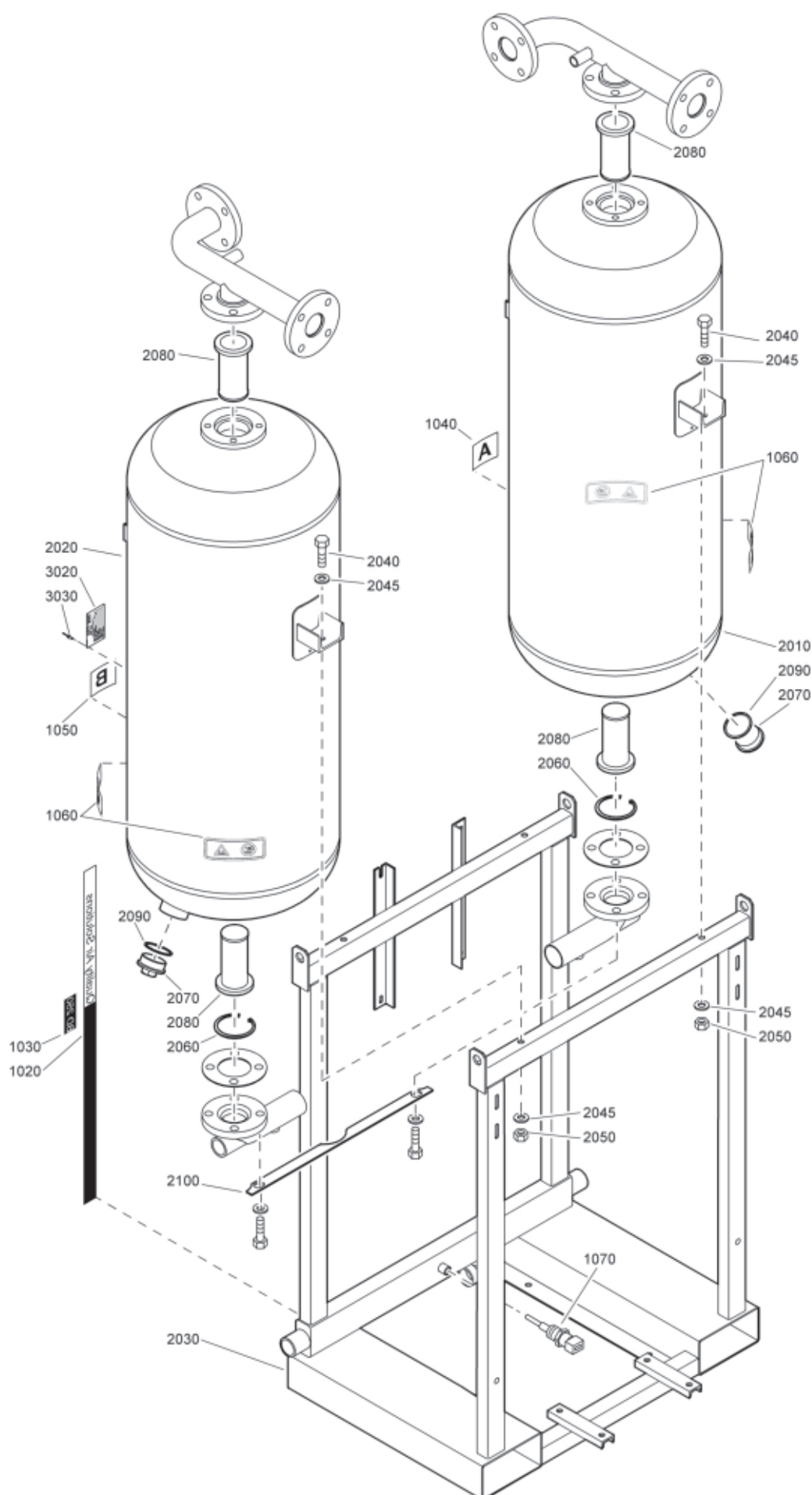
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Pressure vessel - BD100, BD 150, BD 185

1

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1020	1624 0332 00	1	Decal		2030		1	Frame	
1030		1	Decal			1624 0282 00		BD 100	
	1624 0330 00		BD100			1624 0271 00		BD 150	
	1624 0329 00		BD150			1624 0271 00		BD 185	
	1624 0328 00		BD185		2040	0147 1409 03	4	Hexagon bolt	
1040	1617 9485 01	1	Label A		2050	0266 2112 00	8	Nut	
1050	1617 9485 02	1	Label B		2060	0301 2358 00	4	Washer	
1060			Label		2070	0335 2154 00	2	Circlip	
	1617 9292 00	2	BD 100		2080	0686 3716 29	2	Hexagon plug	
	1617 9292 00	4	BD 150		2090	1624 0284 00	4	Strainer	
	1617 9292 00	4	BD 185		2100	0653 1293 00	2	Flat gasket	
1070	1089 0574 40	1	Temperature sensor		2110		1	Support bottom	
2010		1	Vessel left			1624 0409 00		BD 100	
	1624 0280 00		BD 100			1624 0377 00		BD 150	
	1624 0269 00		BD 150			1624 0377 00		BD 185	
	1624 0269 00		BD 185		3020	1624 0042 00	1	Dataplate	
2020		1	Vessel right		3030	0129 3103 00	4	Blind rivet	
	1624 0281 00		BD 100						
	1624 0270 00		BD 150						
	1624 0270 00		BD 185						

2



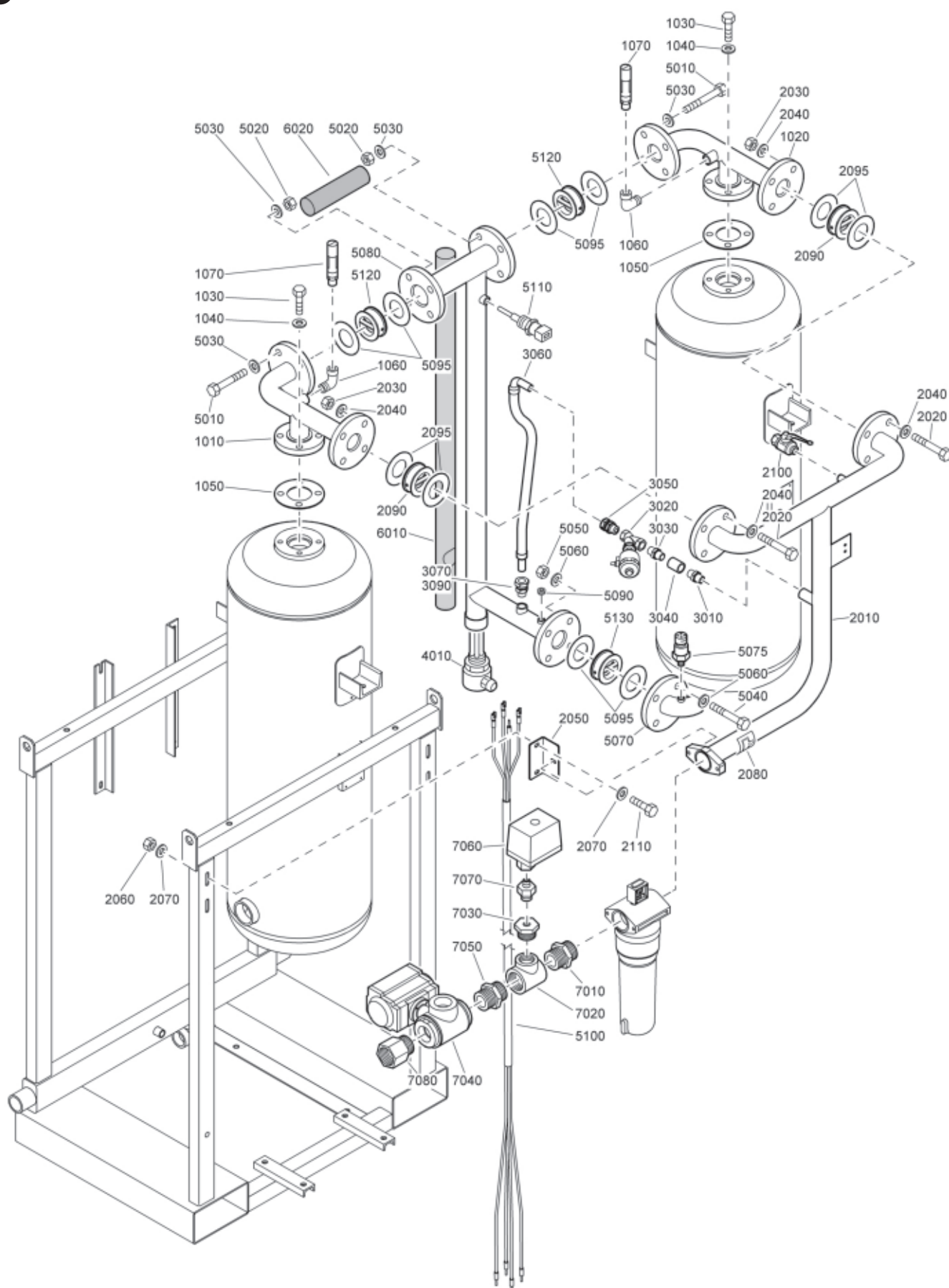
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Pressure vessel - BD 250, BD 300

2

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1020	1624 0332 00	1	Decal		2030		1	Frame	
1030		1	Decal			1624 0191 00		BD 250	
	1624 0327 00		BD250			1624 0204 00		BD 300	
	1624 0326 00		BD300		2040	0147 1412 03	4	Hexagon bolt	
1040	1617 9485 01	1	Label A		2045	0301 2358 00	8	Washer	
1050	1617 9485 02	1	Label B		2050	0266 2112 00	4	Nut	
1060	1617 9292 00	4	Label		2060	0335 2165 00	2	Circlip	
1070	1089 0574 40	1	Temperature sensor		2070	0686 3716 29	2	Hexagon plug	
2010		1	Vessel left		2080	1624 0211 00	4	Strainer	
	1624 0180 00		BD 250		2090	0653 1293 00	2	Flat gasket	
	1624 0202 00		BD 300		2100		1	Support bottom	
2020		1	Vessel right			1624 0379 00		BD 250	
	1624 0181 00		BD 250			1624 0377 00		BD 300	
	1624 0203 00		BD 300		3020	1624 0042 00	1	Dataplate	
2030		1	Frame		3030	0129 3103 00	4	Blind rivet	
	1624 0191 00		BD 250						
	1624 0204 00		BD 300						

3



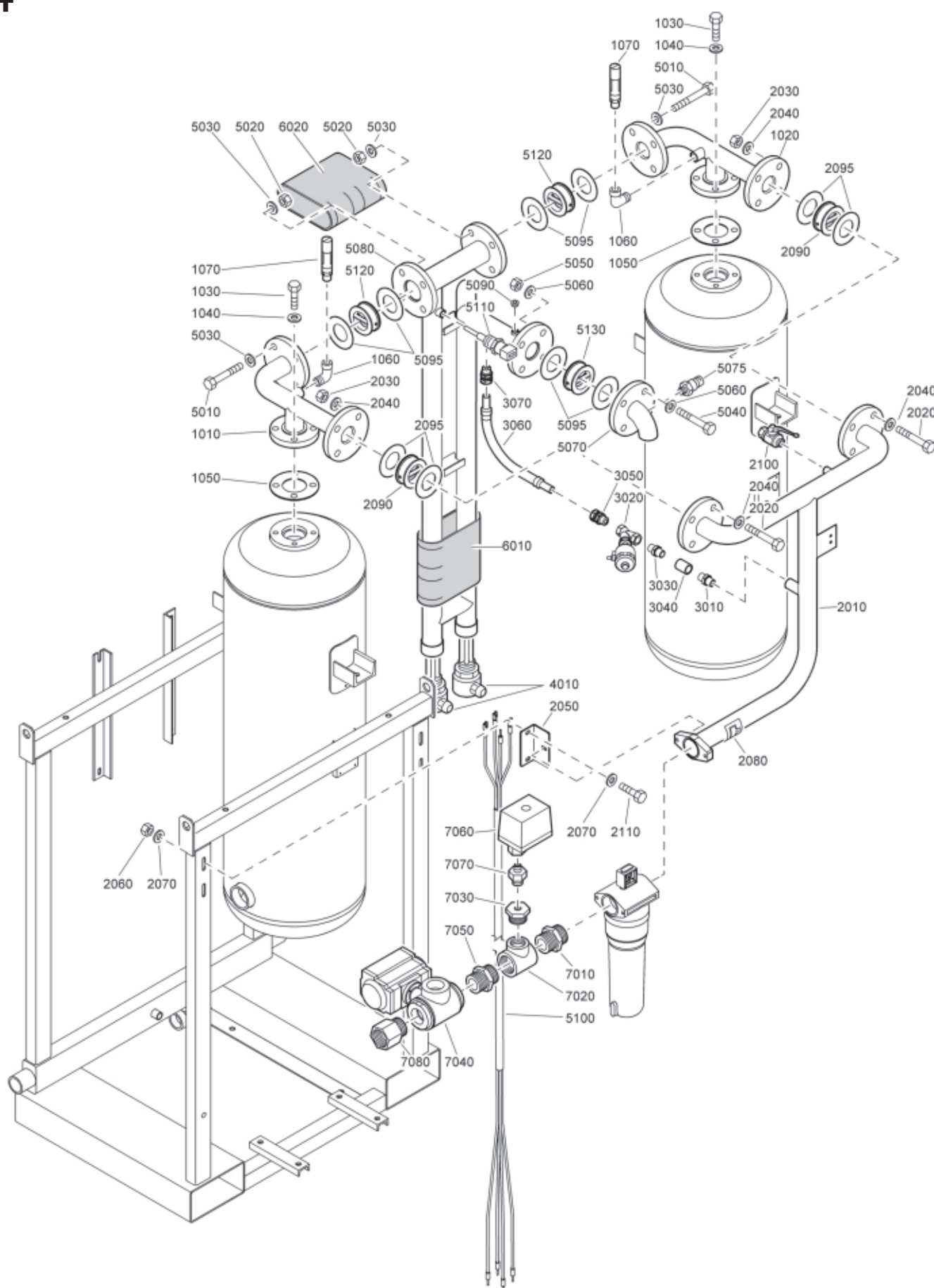
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Air flow - Top assembly - BD 100, BD 150

3

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1010		1	Pipe		5010	0147 1489 03	8	Hexagon bolt	
	1624 0286 00		BD 100		5020	0266 2114 00	8	Nut	
	1624 0274 00		BD 150		5030	0301 2378 00	16	Washer	
1020		1	Pipe		5040	0147 1489 03	4	Hexagon bolt	
	1624 0287 00		BD 100		5050	0266 2114 00	4	Nut	
	1624 0275 00		BD 150		5060	0301 2378 00	8	Washer	
1030	0147 1440 03	8	Bolt		5070	1624 0292 00	1	Pipe	
1040	0301 2371 00	8	Washer		5075	1089 0492 31	1	Pressure transducer	
1050	1624 0384 00	2	Gasket		5080	1624 0288 00	1	Housing heater	
1060	0560 1305 03	2	Elbow		5090	0686 6128 00	1	Plug	
1070	0830 1009 06	2	Safety valve		5095	0650 1000 84	6	Gasket	
2010		1	Pipe outlet		5100	1624 0335 80	1	Cable heaters	
	1624 0293 00		BD 100		5110	1089 0574 40	1	Temperature sensor	
	1624 0276 00		BD 150		5120	1624 0395 00	2	Check valve	
2020	0147 1483 03	8	Hexagon bolt		5130	1624 0395 00	1	Check valve	
2030	0266 2114 00	8	Nut		6010	1624 0510 00	1	Insulation heat	
2040	0301 2378 00	16	Washer		6020	1624 0346 00	1	Insulation heat	
2050	1624 0289 00	1	Support		7010		1	Nipple	
2060	0266 2110 00	2	Nut			3455 0401 07		BD 100 AS1210-CRN-ASME	
2070	0301 2335 00	4	Washer			0603 4108 00		BD 100 CE-MOM-SQL-MOL	
2080	1617 9587 00	1	Outlet label			0603 4108 00		BD 150	
2090	1624 0395 00	2	Check valve		7020	0564 0000 90	1	Tee	
2095	0650 1000 84	4	Gasket		7030	0603 4108 00	1	Hexagon nipple	
2100		1	Ball valve		7040	1624 0396 80	1	Minimum press valve	
	0852 0010 29		BD 150			1621 0412 00	• 1	Actuator	
2110	0147 1332 03	2	Hexagon bolt			1624 0418 00	• 1	Valve	
3010	0603 4104 03	1	Hexagon nipple			1624 0413 00	• 1	Pneumatic device	
3020	1624 0313 00	1	Valve		7050	0605 8300 84	1	Bushing	
3030	0603 4104 03	1	Hexagon nipple		7060	1089 0654 51	1	Pressure switch	
3040	0607 1100 86	1	Socket		7070	0603 4100 42	1	Nipple	
3050	0580 0014 52	1	Pipe coupling		7080		1	Bushing	
3060	1624 0294 00	1	Pipe			0605 8350 26		BD 100 AS1210-CRN-ASME	
3070	0580 0014 52	1	Pipe coupling						
3090		1	Coupling elbow						
	9090 1518 00		BD 150						
4010		1	Heater						
	1624 0312 00		BD 100 400V/50Hz						
	1624 0312 00		BD 100 440-460V/60Hz CE						
	1624 0310 00		BD 100 440-460V/60Hz						
			MOL-CRN-ASME						
	1624 0311 00		BD 100 500V/50Hz						
	1624 0312 00		BD 100 575V/60Hz						
	1624 0309 00		BD 150 400V/50Hz						
	1624 0310 00		BD 150 440-460V/60Hz						
	1624 0311 00		BD 150 500V/50Hz						
	1624 0312 00		BD 150 575V/60Hz						
	1624 0539 00 •	1	Gasket						

4



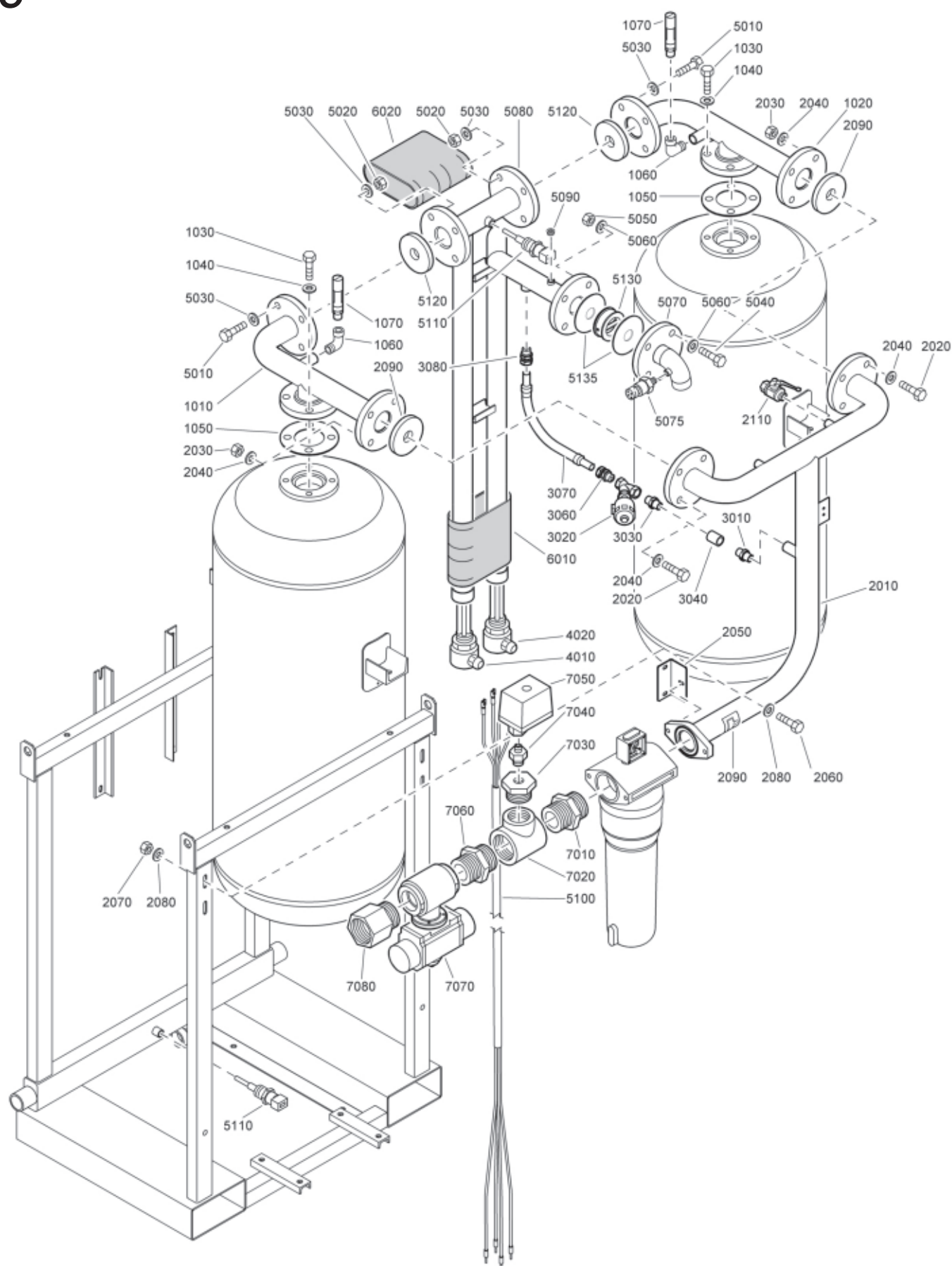
63294_06

Air flow - Top assembly - BD 185

4

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1010	1624 0274 00	1	Pipe		5030	0301 2378 00	16	Washer	
1020	1624 0275 00	1	Pipe		5040	0147 1489 03	4	Hexagon bolt	
1030	0147 1440 03	8	Bolt		5050	0266 2114 00	4	Nut	
1040	0301 2371 00	8	Washer		5060	0301 2378 00	8	Washer	
1050	1624 0384 00	2	Gasket		5070	1624 0292 00	1	Pipe blower	
1060	0560 1305 03	2	Elbow		5075	1089 0492 31	1	Pressure transder	
1070	0830 1009 06	2	Safety valve		5080	1624 0338 00	1	Housing heater	
2010	1624 0276 00	1	Pipe outlet		5090	0686 6128 00	1	Plug	
2020	0147 1489 03	8	Hexagon bolt		5095	0650 1000 84	6	Gasket	
2030	0266 2114 00	8	Nut		5100	1624 0335 80	2	Cable heaters	
2040	0301 2378 00	16	Washer		5110	1089 0574 40	1	Temperature sensor	
2050	1624 0289 00	1	Support filter		5120	1624 0395 00	2	Wafer checkvalve	
2060	0266 2110 00	2	Nut		5130	1624 0395 00	1	Wafer checkvalve	
2070	0301 2335 00	4	Washer		6010	1624 0345 00	1	Insulation heat	
2080	1617 9587 00	1	Outlet label		6020	1624 0346 00	1	Insulation heat	
2090	1624 0395 00	2	Wafer checkvalve		7010		1	Nipple	
2095	0650 1000 84	4	Gasket			0603 4108 00		AS1210	
2100	0852 0010 29	1	Ball valve			3455 0401 07		ASME	
2110	0147 1332 03	2	Hexagon bolt			0603 4108 00		CE	
3010	0603 4104 03	1	Hexagon nipple			0603 4108 00		CRN	
3020	1624 0313 00	1	Valve angle seat			0603 4108 00		MOL	
3030	0603 4104 03	1	Hexagon nipple			0603 4108 00		MOM	
3040	0607 1100 86	1	Socket			0603 4108 00		SQL	
3050	0580 0014 52	1	Pipe coupling		7020	0564 0000 90	1	Tee	
3060	1624 0279 00	1	Pipe		7030	0603 4108 00	1	Hexagon nipple	
3070	0580 0014 52	1	Pipe coupling		7040	1624 0396 80	1	Minimum press valve	
4010		2	Heater			1621 0412 00	• 1	Actuator	
	1624 0255 00		400V/50Hz			1624 0418 00	• 1	Valve	
	1624 0256 00		440-460V/60Hz			1624 0413 00	• 1	Pneumatic device	
	1624 0257 00		500V/50Hz		7050	0605 8300 84	1	Bushing	
	1624 0258 00		575V/60Hz		7060	1089 0654 51	1	Pressure switch	
	1624 0539 00	• 1	Gasket		7070	0603 4100 42	1	Nipple	
5010	0147 1489 03	8	Hexagon bolt		7080		1	Bushing	
5020	0266 2114 00	8	Nut			0605 8350 26		ASME	

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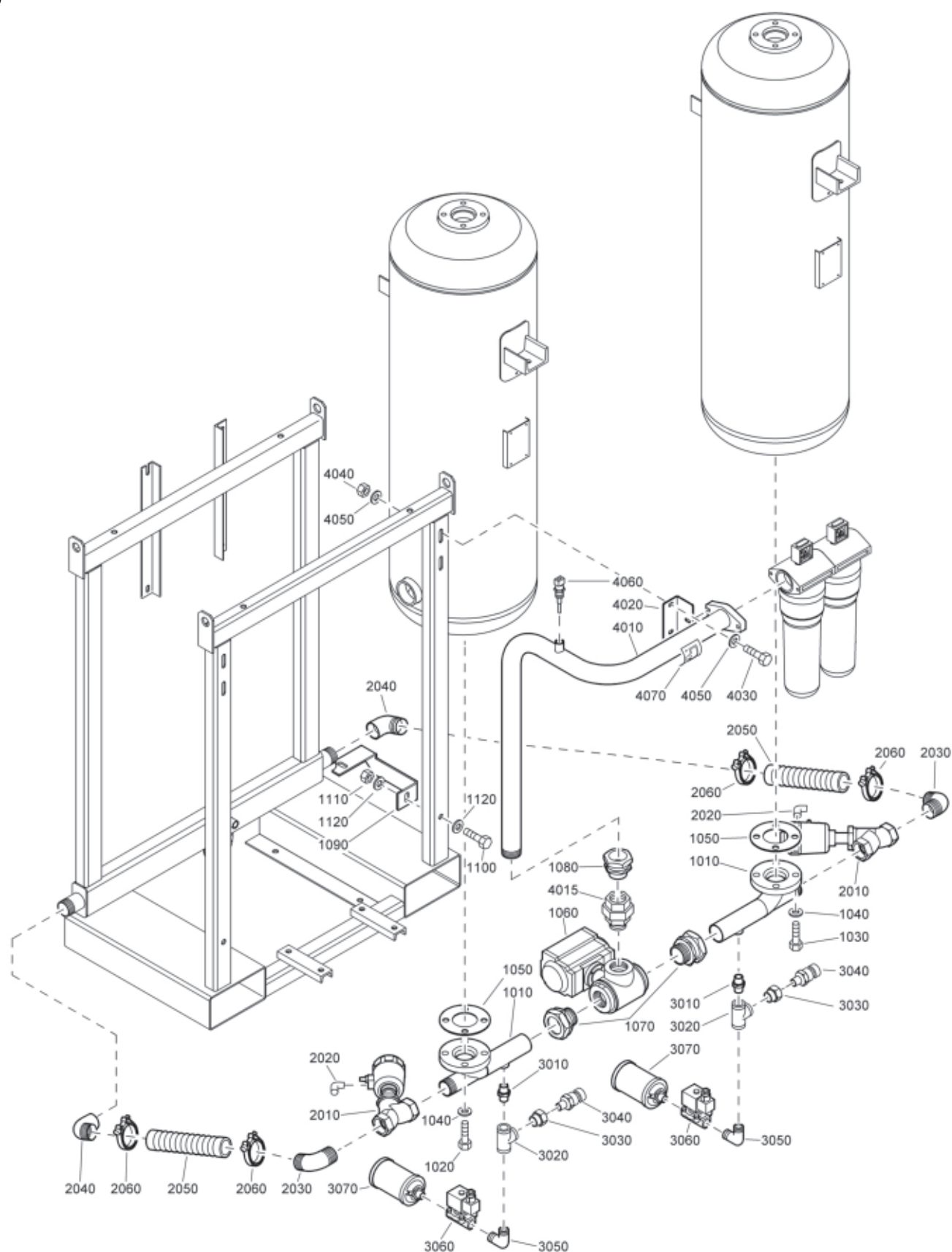
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Air flow - Top assembly - BD 250, BD 300

5

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1010	1624 0197 00	1	Pipe		5010	0147 1483 03	8	Hexagon bolt	
	1624 0209 00		BD 250		5020	0266 2114 00	8	Nut	
1020		1	Pipe top		5030	0301 2378 00	16	Washer	
	1624 0199 00		BD 250		5040	0147 1491 03	4	Hexagon bolt	
	1624 0208 00		BD 300		5050	0266 2114 00	4	Nut	
1030	0147 1477 03	8	Hexagon bolt		5060	0301 2378 00	8	Washer	
1040	0301 2378 00	8	Washer		5070	1624 0247 00	1	Pipe	
1050	1624 0336 00	2	Gasket		5075	1089 0492 31	1	Pressure transducer	
1060	0560 1305 03	2	Elbow		5080	1624 0246 00	1	Pipe	
1070	0830 1009 06	2	Safety valve		5090	0686 6128 00	1	Plug	
2010		1	Pipe		5100	1624 0335 80	2	Cable heaters	
	1624 0198 00		BD 250		5110	1089 0574 40	2	Temperature sensor	
	1624 0210 00		BD 300		5120	1624 0266 00	2	Non return valve	
2020	0147 1483 03	8	Hexagon bolt		5130	1624 0394 00	1	Wafer checkvalve	
2030	0266 2114 00	8	Nut		5135	0650 0101 35	2	Gasket	
2040	0301 2378 00	16	Washer		6010	1624 0345 00	1	Insulation heat	
2050	1624 0200 00	1	Support filter		6020	1624 0346 00	1	Insulation heat	
2060	0147 1369 03	2	Hexagon bolt		7010		1	Hexagon nipple	
2070	0266 2111 00	2	Nut			0603 4109 00		AS1210	
2080	0301 2344 00	4	Washer			0603 4150 21		ASME	
2090	1617 9587 00	1	Outlet label			0603 4109 00		CE	
2100	1624 0266 00	2	Non return valve			0603 4150 21		CRN	
2110	0852 0010 29	1	Ball valve			0603 4109 00		MOL	
3010	0603 4104 03	1	Hexagon nipple			0603 4109 00		MOM	
3020	1624 0313 00	1	Valve angle seat			0603 4109 00		SQL	
3030	0603 4104 03	1	Hexagon nipple		7020	0564 0000 66	1	Tee	
3040	0607 1100 86	1	Socket		7030	0605 8533 03	1	Bushing	
3060	0580 0014 52	1	Pipe coupling		7040	0603 4100 42	1	Nipple	
3070	1624 0212 00	1	Flexible		7050	1089 0654 51	1	Pressure switch	
3080	0580 0014 52	1	Pipe coupling		7060	0603 4109 00	1	Hexagon nipple	
4010		1	Heater		7070	1624 0386 80	1	Minimum pressure valve	
	1624 0255 00		400V/50Hz			1624 0411 00	• 1	Valve	
	1624 0256 00		440-460V/60Hz			1624 0412 00	• 1	Actuator	
	1624 0257 00		500V/50Hz			1624 0413 00	• 1	Pneumatic device	
	1624 0258 00		575V/60Hz		7080		1	Bushing	
	1624 0539 00	• 1	Gasket			0605 8350 47		ASME	
4020		1	Heater			0605 8350 47		CRN	
	1624 0309 00		400V/50Hz						
	1624 0310 00		440-460V/60Hz						
	1624 0311 00		500V/50Hz						
	1624 0312 00		575V/60Hz						
	1624 0539 00	• 1	Gasket						

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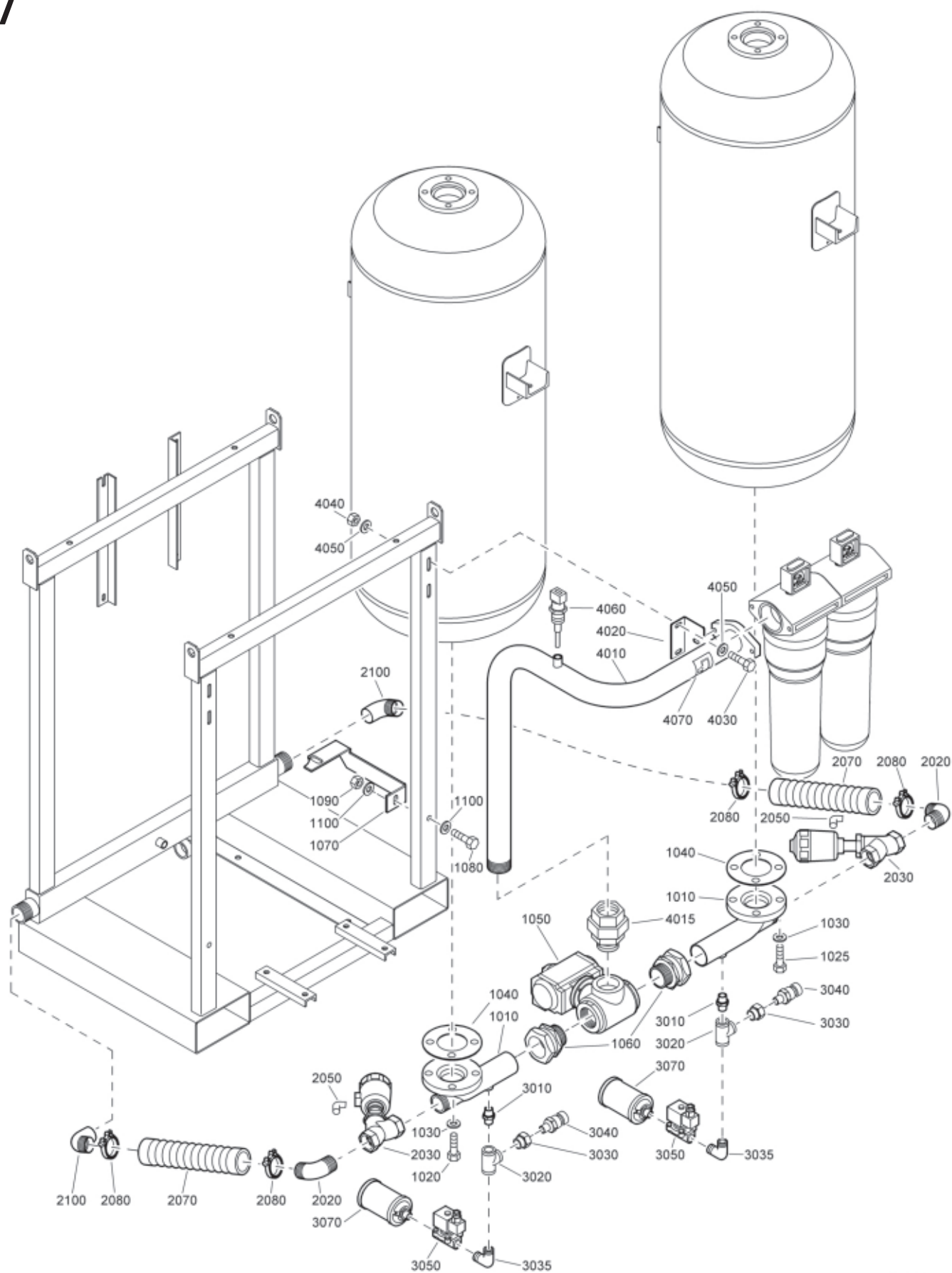


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Air flow - Bottom assembly - BD 100, BD 150, BD 185

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1010		2	Pipe bottom		2050	0075 3002 03	AR	Tube	
	1624 0285 00		BD 100		2060	0347 6132 18	4	Hose clamps	
	1624 0273 00		BD 150		3010	0603 4104 03	2	Hexagon nipple	
	1624 0273 00		BD 185		3020	0564 0116 03	2	Tee	
1020	0147 1439 03	5	Bolt		3030	0605 8350 23	2	Bushing	
1030	0147 1440 03	3	Bolt		3040	1089 0575 54	2	Pressure transducer	
1040	0301 2371 00	8	Washer		3050	0560 0200 14	2	Elbow	
1050	1624 0385 00	2	Gasket		3060	1089 0641 01	2	Exhaust valve	
1060	1624 0262 80	1	Valve		3070	1617 6173 00	2	Silencer	
1070	0582 8400 13	2	Tapper male		4010		1	Pipe inlet	
1080	0586 1058 03	1	Coupling			1624 0291 00		BD 100	
1090		1	Support plate			1624 0277 00		BD 150	
	1624 0410 00		BD 100			1624 0277 00		BD 185	
	1624 0388 00		BD 150		4015		1	Coupling	
	1624 0388 00		BD 185			0586 1058 03		BD 150	
1100	0147 1409 03	1	Hexagon bolt			0586 1058 03		BD 185	
1110	0266 2112 00	1	Nut		4020	1624 0289 00	1	Support filter	
1120	0301 2358 00	2	Washer		4030	0147 1332 03	2	Hexagon bolt	
2010	1624 0316 00	2	Valve angle seat		4040	0266 2110 00	2	Nut	
2020	9090 1519 00	2	Coupling elbow		4050	0301 2335 00	4	Washer	
2030	0560 0200 62	2	Elbow		4060	1089 0574 40	1	Temperature sensor	
2040	0560 0200 26	2	Elbow		4070	1617 9588 00	1	Inlet label	

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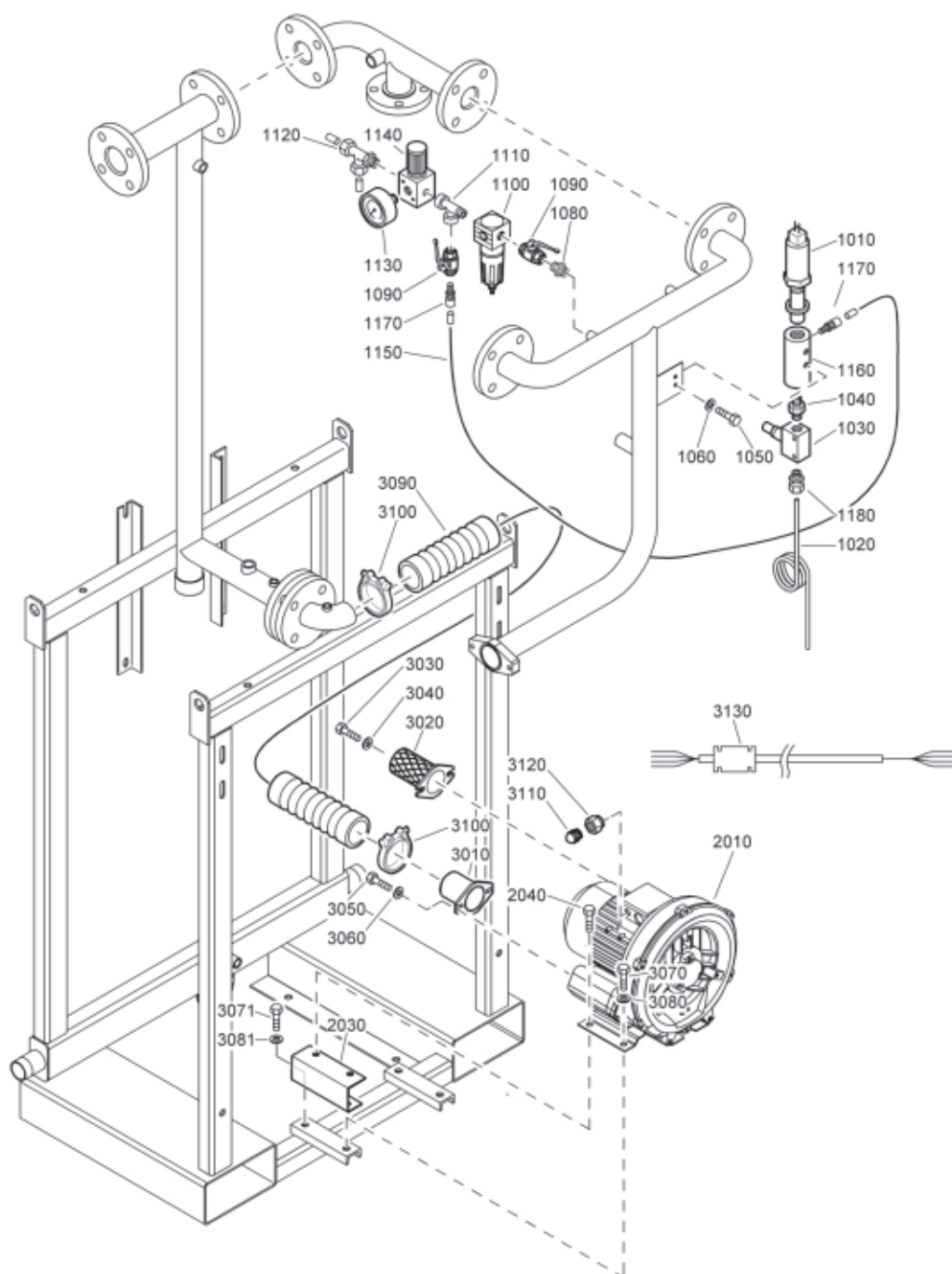


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Air flow - Bottom assembly - BD 250, BD 300

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1010		2	Pipe bottom		3010	0603 4104 03	2	Hexagon nipple	
	1624 0196 00		BD 250		3020	0564 0116 03	2	Tee	
	1624 0206 00		BD 300		3030	0605 8350 23	2	Bushing	
1020	0147 1477 03	7	Hexagon bolt		3040	1089 0575 65	2	Press.transduce	
1025	0147 1478 03	1	Hexagon bolt		3050	1089 0641 01	2	Exhaust valve	
1030	0301 2378 00	8	Washer		3060	0560 0200 23	2	Elbow	
1040	1624 0337 00	2	Gasket		3070	1617 6173 00	2	Silencer	
1050	1624 0263 80	1	Valve		4010		1	Pipe	
1060	0582 8400 14	3	Male adaptor			1624 0201 00		BD 250	
1070	1624 0364 00	1	Support plate			1624 0207 00		BD 300	
1080	0147 1409 03	1	Hexagon bolt		4015		1	Coupling	
1090	0266 2112 00	1	Nut			0586 1058 03		BD 250	
1100	0301 2358 00	2	Washer			0586 1059 03		BD 300	
2010	0603 4107 03	2	Hexagon nipple		4020	1624 0200 00	1	Support filter	
2020	0560 0200 62	4	Elbow		4030	0147 1369 03	2	Hexagon bolt	
2030	1624 0391 00	2	Angle seat valve		4040	0266 2111 00	2	Nut	
2040	9090 1519 00	2	Coupl. Elbow		4050	0301 2344 00	4	Washer	
2050	9090 1519 00	2	Coupl. Elbow		4060	1089 0574 40	1	Temp.sensor	
2070	1624 0343 00	2	Tube exhaust		4070	1617 9588 00	1	Inlet label	

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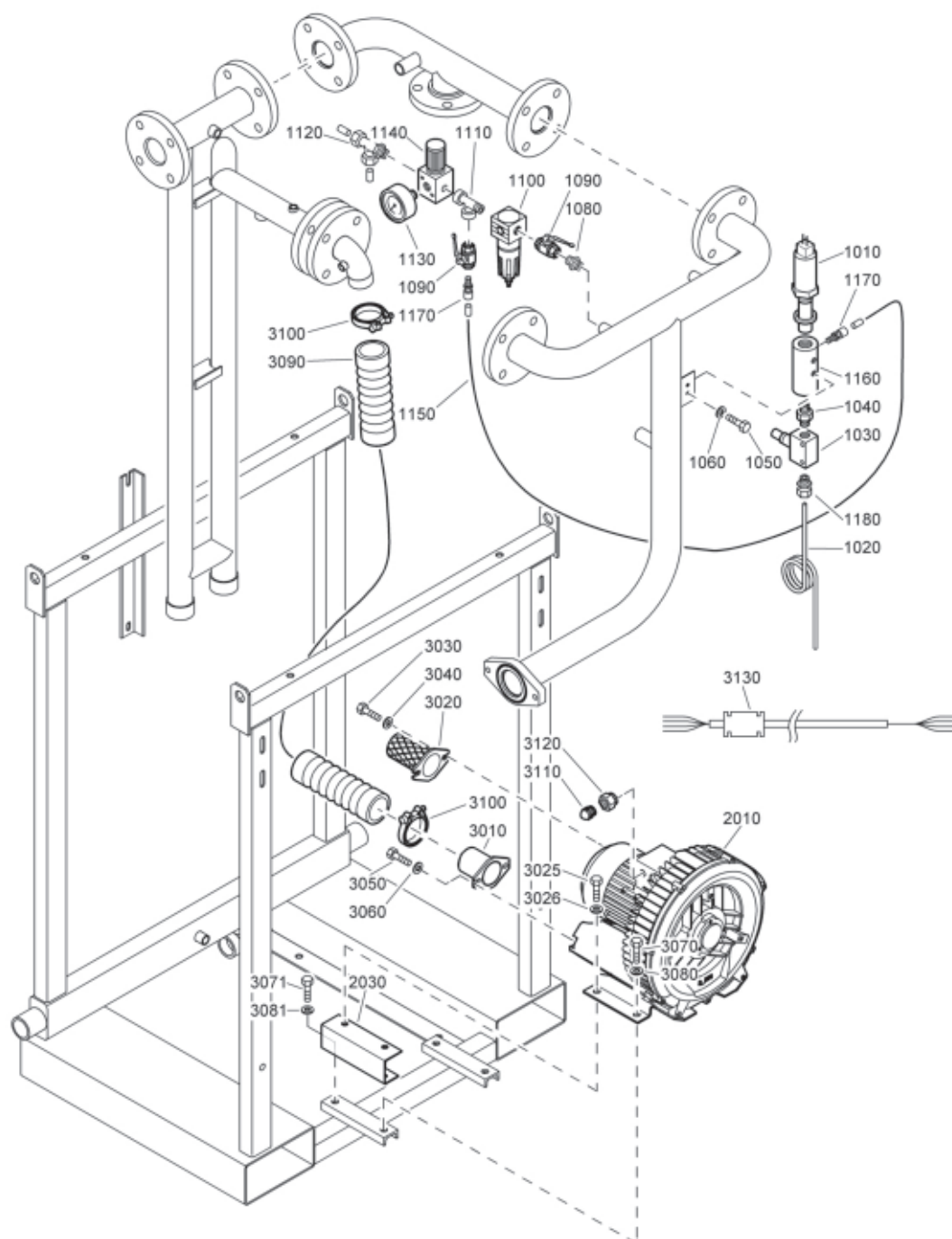
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Air flow - Blower - BD 100, BD 150

8

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1010	1089 9481 51	1	Mitchel dewpoint sensor		3010	1089 9459 90	1	Blower flange	
1020	1617 9471 00	1	Pipe		3020	1624 0533 00	1	Blower filter	
1030	8204 0941 09	1	Needle valve		3030	0147 1323 03	2	Hexagon bolt	
1040	9740 2021 11	1	Hexagon nipple		3040	0301 2335 00	2	Washer	
1050	0147 1242 03	2	Hex. head screw		3050	0147 1323 03	2	Hexagon bolt	
1060	0301 2321 00	2	Washer		3060	0301 2335 00	2	Washer	
1080	0603 4100 41	1	Nipple		3070		4	Hexagon bolt	
1090	0852 0010 29	2	Ball valve			0147 1400 03		BD 150 500V/50Hz	
1100	9093 0032 71	1	Filter			0147 1400 03		BD 150 575V/60Hz	
1110	9740 2028 22	1	Socket			0147 1400 03		BD 100 440-460V/60Hz CE	
1120	9090 1536 00	1	Coupling			0147 1400 03		BD 100 500V/50Hz	
1130	9090 1657 00	1	Gauge			0147 1400 03		BD 100 575V/60Hz	
1140	9093 0033 01	1	Mini reg		3080		4	Washer	
1150	0070 6002 38	AR	Tube			0301 2358 00		BD 150 500V/50Hz	
1160	1617 9655 80	1	Sensor housing			0301 2358 00		BD 150 575V/60Hz	
1170	9740 2001 32	2	Coupling			0301 2358 00		BD 100 440-460V/60Hz CE	
1180	0582 2000 22	1	Biconical fitting			0301 2358 00		BD 100 500V/50Hz	
2010		1	Blower			0301 2358 00		BD 100 575V/60Hz	
	1089 9459 40		BD 100 400V/50Hz		3071		4	Hexagon bolt	
	1089 9459 40		BD 100 440-460V/60Hz			0147 1400 03		BD 100 400V/50Hz	
			MOL-CRN-ASME			0147 1400 03		BD 100 440-460V/60Hz	
	1089 9459 41		BD 100 440-460V/60Hz CE					MOL-CRN-ASME	
	1089 9459 41		BD 100 500V/50Hz			0147 1400 03		BD 150 400V/50Hz	
	1089 9459 41		BD 100 575V/60Hz			0147 1400 03		BD 150 440-460V/60Hz	
	1089 9459 40		BD 150 400V/50Hz		3081		4	Washer	
	1089 9459 40		BD 150 440-460V/60Hz			0301 2358 00		BD 100 400V/50Hz	
	1089 9459 41		BD 150 500V/50Hz			0301 2358 00		BD 100 440-460V/60Hz	
	1089 9459 41		BD 150 575V/60Hz					MOL-CRN-ASME	
2030		2	Support blower			0301 2358 00		BD 150 400V/50Hz	
	1624 0302 00		BD 100 400V/50Hz			0301 2358 00		BD 150 440-460V/60Hz	
	1624 0302 00		BD 100 440-460V/60Hz		3090	1624 0456 00	1	Blower hose	
			MOL-CRN-ASME		3100	0347 6132 18	2	Hose clamps	
	1624 0302 00		BD 150 400V/50Hz		3110	0698 5140 61	1	Cable gland	
	1624 0302 00		BD 150 440-460V/60Hz		3120	1079 9697 05	1	Reducer	
2040		4	Hexagon bolt		3130	1624 0496 00	1	Cable	
	0147 1362 03		BD 100 400V/50Hz						
	0147 1362 03		BD 100 440-460V/60Hz						
			MOL-CRN-ASME						
	0147 1362 03		BD 150 400V/50Hz						
	0147 1362 03		BD 150 440-460V/60Hz						

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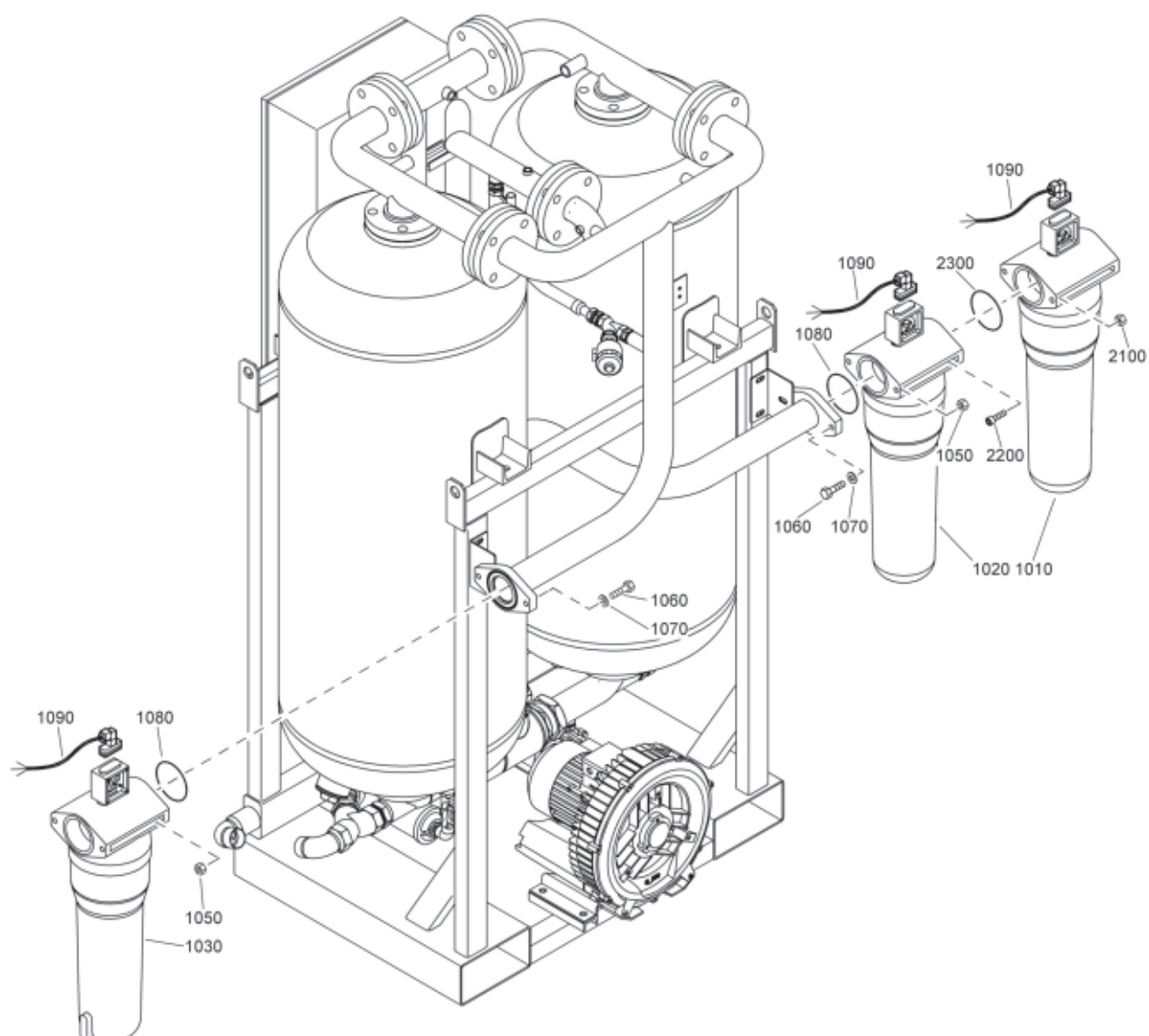
63472_06

Air flow - Blower - BD 185, BD 250, BD 300

9

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1010	1089 9481 51	1	Mitchel dewpoint sensor		3030	0147 1323 03	2	Hexagon bolt	
1020	1617 9471 00	1	Pipe		3040	0301 2335 00	2	Washer	
1030	8204 0941 09	1	Needle valve		3050	0147 1323 03	2	Hexagon bolt	
1040	9740 2021 11	1	Hexagon nipple		3060	0301 2335 00	2	Washer	
1050	0147 1242 03	2	Hex. head screw		3070		4	Hexagon bolt	
1060	0301 2321 00	2	Washer			0147 1400 03		BD 185 400V/50Hz	
1080	0603 4100 41	1	Nipple			0147 1400 03		BD 185 440-460V/60Hz	
1090	0852 0010 29	2	Ball valve			0147 1400 03		BD 185 500V/50Hz	
1100	9093 0032 71	1	Filter			0147 1400 03		BD 250 400V/50Hz	
1110	9740 2028 22	1	Socket			0147 1400 03		BD 250 440-460V/60Hz	
1120	9090 1536 00	1	Coupling			0147 1400 03		BD 250 500V/50Hz	
1130	9090 1657 00	1	Gauge			0147 1400 03		BD 250 575V/60Hz	
1140	9093 0033 01	1	Mini reg			0147 1400 03		BD 300 400V/50Hz	
1150	0070 6002 38	AR	Tube			0147 1400 03		BD 300 500V/50Hz	
1160	1617 9655 80	1	Sensor housing		3080		4	Washer	
1170	9740 2001 32	2	Coupling			0301 2358 00		BD 185 400V/50Hz	
1180	0582 2000 22	1	Biconical fitting			0301 2358 00		BD 185 440-460V/60Hz	
2010		1	Blower			0301 2358 00		BD 185 500V/50Hz	
	1089 9459 42		BD 185 400V/50Hz			0301 2358 00		BD 250 400V/50Hz	
	1089 9459 42		BD 185 440-460V/60Hz			0301 2358 00		BD 250 440-460V/60Hz	
	1089 9459 43		BD 185 500V/50Hz			0301 2358 00		BD 250 500V/50Hz	
	1089 9459 41		BD 185 575V/60Hz			0301 2358 00		BD 250 575V/60Hz	
	1089 9459 42		BD 250 400V/50Hz			0301 2358 00		BD 300 400V/50Hz	
	1089 9459 42		BD 250 440-460V/60Hz			0301 2358 00		BD 300 500V/50Hz	
	1089 9459 43		BD 250 500V/50Hz		3071		4	Hexagon bolt	
	1089 9459 43		BD 250 575V/60Hz			0147 1400 03		BD 185 575V/60Hz	
	1089 9459 22		BD 300 400V/50Hz			0147 1400 03		BD 300 440-460V/60Hz	
	1089 9459 42		BD 300 440-460V/60Hz			0147 1400 03		BD 300 575V/60Hz	
	1089 9459 27		BD 300 500V/50Hz		3081		4	Washer	
	1089 9459 43		BD 300 575V/60Hz			0301 2358 00		BD 185 575V/60Hz	
2025		4	Hexagon bolt			0301 2358 00		BD 300 440-460V/60Hz	
	0147 1362 03		BD 185 575V/60Hz			0301 2358 00		BD 300 575V/60Hz	
	0147 1362 03		BD 300 440-460V/60Hz		3090	1624 0344 00	1	Tube	
	0147 1362 03		BD 300 575V/60Hz		3100		2	Hose clamp	
2026		4	Washer			0347 6200 05		BD 185 400V/50Hz	
	0301 2344 00		BD 300 440-460V/60Hz			0347 6200 05		BD 185 440-460V/60Hz	
	0301 2344 00		BD 300 575V/60Hz			0347 6200 05		BD 185 500V/50Hz	
2030		2	Support blower			0347 6132 18		BD 185 575V/60Hz	
	1624 0302 00		BD 185 575V/60Hz			0347 6200 05		BD 250	
	1624 0383 00		BD 300 440-460V/60Hz			0347 6200 05		BD 300	
	1624 0383 00		BD 300 575V/60Hz		3110	0698 5140 61	1	Cable gland	
3010	1089 9459 90	1	Blower flange		3120	1079 9697 05	1	Reducer	
3020	1624 0533 00	1	Filter		3130	1624 0496 00	1	Cable	

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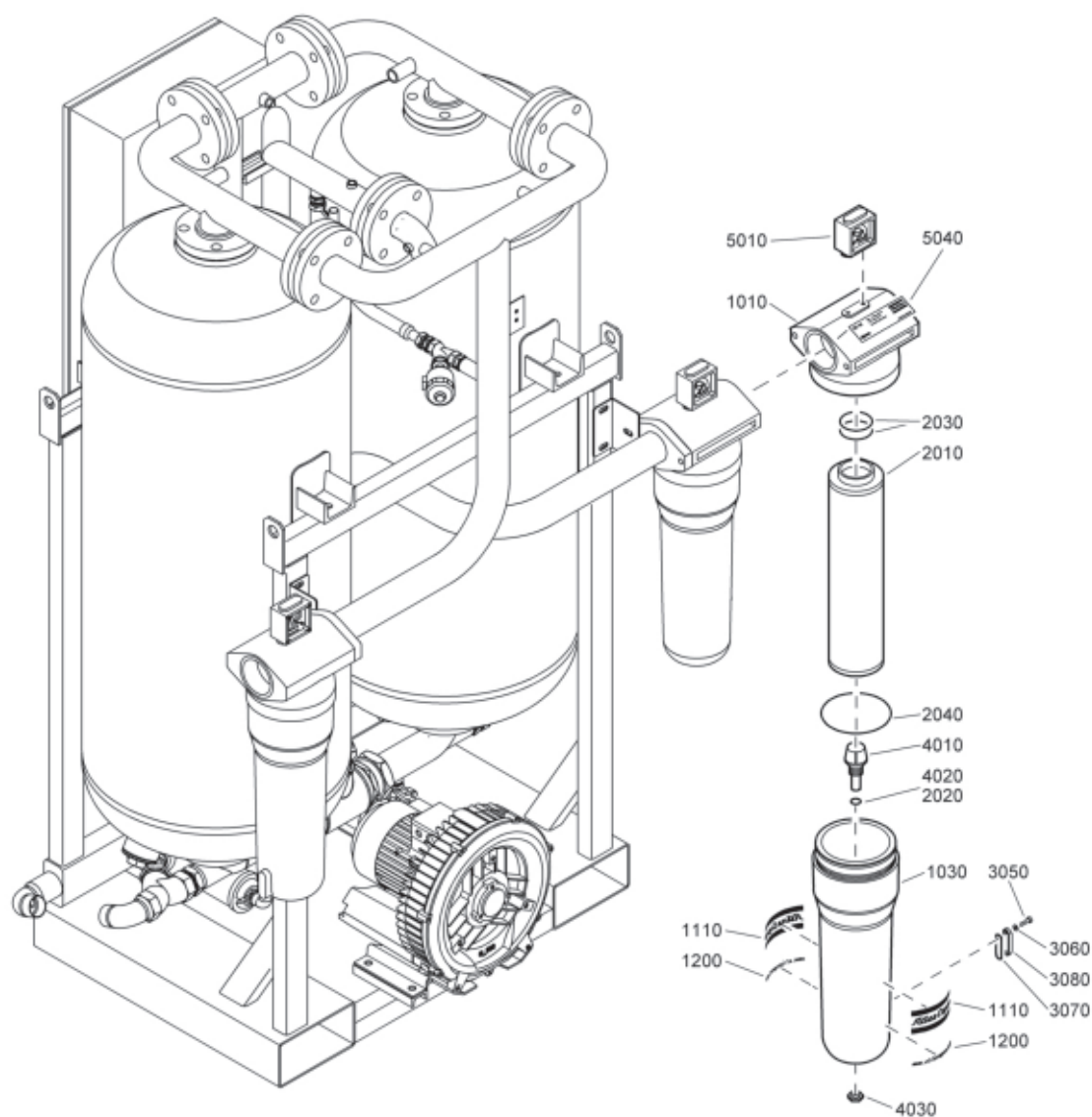
62967_06

Air flow - Filter connections

10

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1010	<<<>>>	1	DD filter			0663 2104 75		BD 185	
1020	<<<>>>	1	PD filter			0663 2104 98		BD 250	
1030	<<<>>>	1	DDP filter			0663 2104 98		BD 300	
1050		4	Nut		1090	1617 7250 00	3	Potential free contact	
	0261 2110 00		BD 100			8092 2430 32	1	Connection kit	
	0266 2110 00		BD 185			8092 2430 32		BD 100	
	0266 2110 00		BD 150			8092 2430 32		BD 150	
	0266 2111 00		BD 250			8092 2430 32		BD 185	
	0266 2111 00		BD 300			8092 2430 40		BD 250	
1060	0147 1365 03	4	Hexagon bolt			8092 2430 40		BD 300	
1070		4	Washer		2100	0261 2110 00	• 2	Nut	
	0301 2335 00		BD 100		2200	0215 0003 73	• 2	Hexagon socket screw	
	0301 2335 00		BD 185		2300		• 1	O-ring	
	0301 2344 00		BD 250			0663 9072 00		BD 100	
	0301 2344 00		BD 300			0663 9072 00		BD 150	
1080		2	O-ring			0663 9072 00		BD 185	
	0663 2104 75		BD 100			0663 2112 70		BD 250	
	0663 2104 75		BD 150			0663 2112 70		BD 300	

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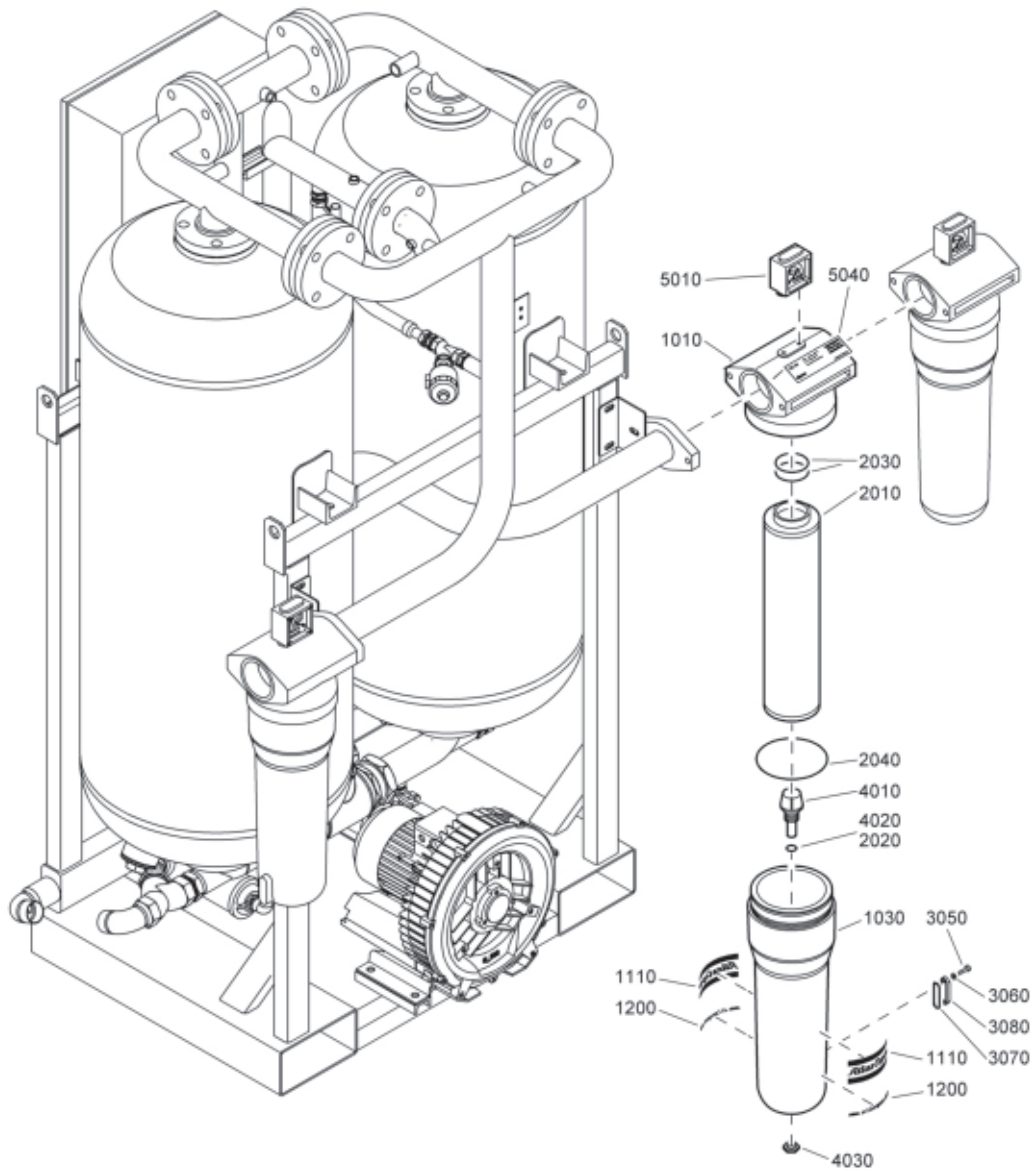
62963_03

Air flow - DD Filter

11

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
		1	DD Filter		2010		•• 1	Filter element	
	1617 7164 00		BD 100 AS1210-ASME-RN - DD 120 NPT		2020	0663 2111 29	•• 1	O-ring	
	1617 7203 00		BD 100 CE-MOL-MOM-SQL - DD 120		2030		•• 2	O-ring	
	1617 7204 00		BD 150 AS1210-CE-MOL-MOM-SQL - DD 150			4090 0507 00		DD 120	
	1617 7169 00		BD 150 ASME-CRN - DD 150 NPT			4090 0507 00		DD 150	
	1617 7254 00		BD 185 AS1210-CE-MOL-MOM-SQL - DD 175 G			4090 0507 00		DD 175	
	1617 7255 00		BD 185 ASME-CRN - DD 175 NPT			0663 2100 39		DD 280	
	1617 7260 00		BD 250 AS1210-CE-MOL-MOM-SQL - DD 280 G 2"		2040		•• 1	O-ring	
	1617 7261 00		BD 250 ASME-CRN - DD 280 NPT 2"			0663 2110 31		DD 120	
	1617 7260 00		BD 300 AS1210-CE-MOL-MOM-SQL - DD 280 G 2"			0663 2110 31		DD 150	
	1617 7261 00		BD 300 ASME-CRN - DD 280 NPT 2"			0663 2110 31		DD 175	
1010	• 1		Head			0663 2111 60		DD 280	
1030	• 1		Bowl			2901 0562 00	• 1	Sight glass kit	
	• 1		Element kit		3050		•• 2	Screw	
	2901 0535 00		DD 120		3060		•• 2	Seal washer	
	2901 0538 00		DD 150		3070	0663 9095 00	•• 1	O-ring	
	2901 0541 00		DD 175		3080		•• 1	Sight glass	
	2901 0544 00		DD 280			2901 0563 00	• 1	Drain valve kit	
					4010		•• 1	Autom.drain valve	
					4020	0663 2111 29	•• 1	O-ring	
					4030	1617 7046 00	•• 1	Nut	
					5010	1624 1172 00	• 1	Diff. press. gauge	
					5040		• 2	Label	
						1617 7053 03		DD 120	
						1617 7053 07		DD 150	
						1617 7053 11		DD 175	
						1617 7054 07		DD 280	

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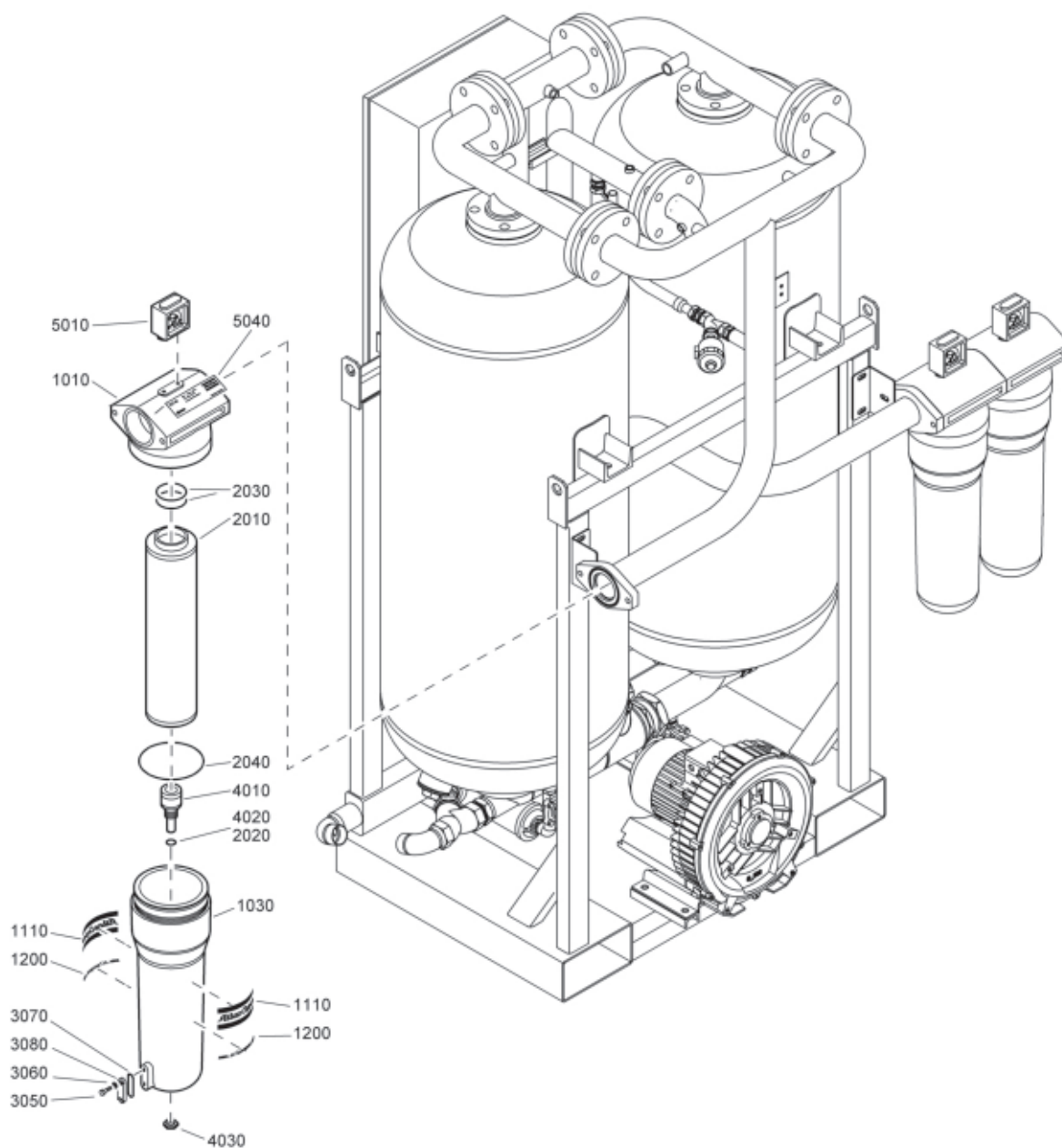
62964_03

Air flow - PD Filter

13

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
		1	PD Filter		2010		•• 1	Filter element	
	1617 7163 00		BD 100 AS1210-CRN-ASME - PD 120 NPT		2020	0663 2111 29	•• 1	O-ring	
	1617 7162 00		BD 100 MOL-SQL-MOM-CE - PD 120		2030		•• 2	O-ring	
	1617 7167 00		BD 150 AS1210-MOL-SQL-MOM-CE - PD 150			4090 0507 00		PD 120	
	1617 7168 00		BD 150 CRN-ASME - PD 150 NPT			4090 0507 00		PD 150	
	1617 7252 00		BD 185 AS1210-MOL-SQL-MOM-CE - PD 175 G			0663 2100 39		PD 175	
	1617 7253 00		BD 185 CRN-ASME - PD 175 NPT			0663 2100 39		PD 280	
	1617 7258 00		BD 250 CE-MOM-SQL-MOL-AS1210 - PD 280 NPT 2"		2040		•• 1	O-ring	
	1617 7259 00		BD 250 CRN-ASME, BD 300 CRN-ASME - PD 280 G 2"			0663 2110 31		PD 120	
	1617 7258 00		BD 300 CE-MOM-SQL-MOL-AS1210 - PD 280 G 2"			0663 2110 31		PD 150	
	1617 7259 00		BD 300 CRN-ASME - PD 280 NPT 2"			0663 2111 60		PD 175	
						0663 2111 60		PD 280	
1010	•	1	Head			2901 0562 00	• 1	Sight glass kit	
1030	•	1	Bowl		3050		•• 2	Screw	
	•	1	Element kit		3060		•• 2	Seal washer	
					3070	0663 9095 00	•• 1	O-ring	
	2901 0536 00		PD 120		3080		•• 1	Sight glass	
	2901 0539 00		PD 150			2901 0563 00	• 1	Drain valve kit	
	2901 0542 00		PD 175		4010		•• 1	Autom.drain valve	
	2901 0545 00		PD 280		4020	0663 2111 29	•• 1	O-ring	
					4030	1617 7046 00	•• 1	Nut	
					5010	1624 1172 00	• 1	Diff. press. gauge	
					5040		• 2	Label	
						1617 7053 01		PD 120	
						1617 7053 05		PD 150	
						1617 7053 09		PD 175	
						1617 7054 05		PD 280	

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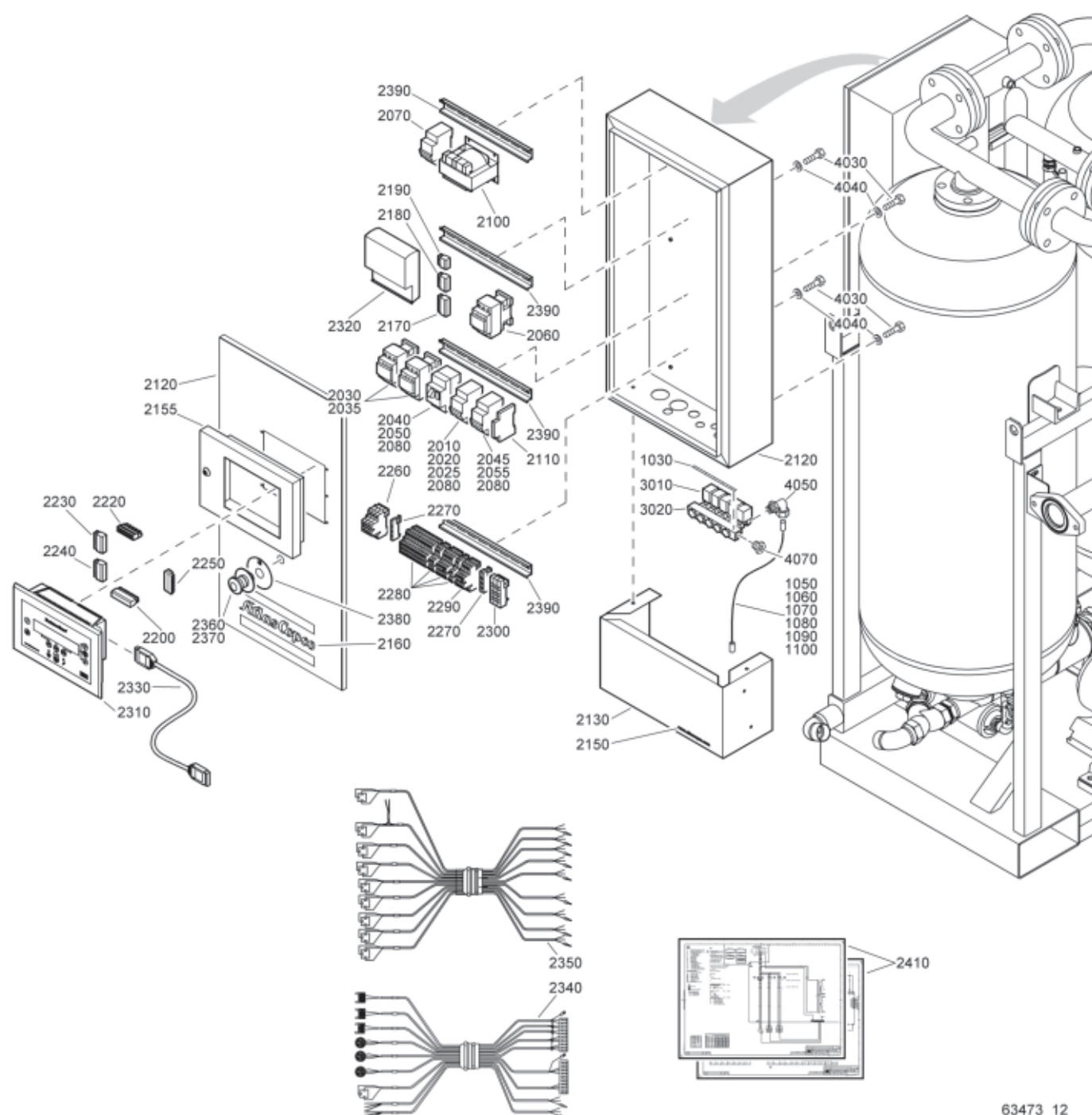
62965_03

Air flow - DDp Filter

13

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
		1	DDp Filter		2010		•• 1	Filter element	
	1617 7166 00		BD 100 AS1210-ASME-RN - DDp 120 NPT		2020	0663 2111 29	•• 1	O-ring	
	1617 7165 00		BD 100 CE-MOL-MOM- SQL - DDp 120		2030		•• 2	O-ring	
	1617 7170 00		BD 150 AS1210-CE-MOL- MOM-SQL - DDp 150			4090 0507 00		DDp 120	
	1617 7171 00		BD 150 ASME-CRN - DDp 150 NPT			4090 0507 00		DDp 150	
	1617 7256 00		BD 185 AS1210-CE-MOL- MOM-SQL - DDp 175 G			0663 2100 39		DDp 175	
	1617 7257 00		BD 185 ASME-CRN - DDp 175 NPT			0663 2100 39		DDp 280	
	1617 7262 00		BD 250 AS1210-CE-MOL- MOM-SQL - DDp 280 G 2"		2040		•• 1	O-ring	
	1617 7263 00		BD 250 ASME-CRN - DDp 280 NPT 2"			0663 2110 31		DDp 120	
	1617 7262 00		BD 300 AS1210-CE-MOL- MOM-SQL - DDp 280 G 2"			0663 2110 31		DDp 150	
	1617 7263 00		BD 300 ASME-CRN - DDp 280 NPT 2"			0663 2111 60		DDp 175	
						0663 2111 60		DDp 280	
1010	• 1		Head			2901 0562 00	• 1	Sight glass kit	
1030	• 1		Bowl		3050		•• 2	Screw	
	• 1		Element kit		3060		•• 2	Seal washer	
					3070	0663 9095 00	•• 1	O-ring	
					3080		•• 1	Sight glass	
						2901 0563 00	• 1	Drain valve kit	
	2901 0535 00		DDp 120		4010		•• 1	Autom.drain valve	
	2901 0538 00		DDp 150		4020	0663 2111 29	•• 1	O-ring	
	2901 0541 00		DDp 175		4030	1617 7046 00	•• 1	Nut	
	2901 0544 00		DDp 280		5010	1624 1172 00	• 1	Diff. press. gauge	
					5040		• 2	Label	
						1617 7053 04		DDp 120	
						1617 7053 08		DDp 150	
						1617 7053 12		DDp 175	
						1617 7054 08		DDp 280	

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63473_12

Cubicle

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
1030	1624 0432 00	1	Label solenoid		2020		• 1	Contact block	
1050	0070 6002 04	AR	Plastic tube			1089 9416 45		BD 100 440-460V/60Hz	
1060	0070 6002 04	AR	Plastic tube			1089 9416 45		BD 100 575V/60Hz	
1070	0070 6002 04	AR	Plastic tube			1089 9416 45		BD 150 440-460V/60Hz	
1080	0070 6002 04	AR	Plastic tube			1089 9416 45		BD 150 575V/60Hz	
1090	0070 6002 04	AR	Plastic tube			1089 9416 45		BD 185 440-460V/60Hz	
1100	0070 6002 04	AR	Plastic tube			1089 9416 45		BD 185 575V/60Hz	
		1	Cubicle			1089 9416 45		BD 250 440-460V/60Hz	
	1900 5000 58		BD 100 400V/50Hz			1089 9416 45		BD 250 575V/60Hz	
	1900 5000 61		BD 100 440-460V/60Hz CE			1089 9416 42		BD 300 440-460V/60Hz	
	1900 5000 60		BD 100 440-460V/60Hz			1089 9416 45		BD 300 575V/60Hz	
			MOL-CRN-ASME		2025		• 1	Aux. Contact block	
	1900 5000 59		BD 100 500V/50Hz			1089 9473 04		400V/50Hz	
	1900 5000 61		BD 100 575V/60Hz			1089 9416 42		440-460V/60Hz	
	1900 5000 58		BD 150 400V/50Hz			1089 9473 05		500V/50Hz	
	1900 5000 60		BD 150 440-460V/60Hz			1089 9416 42		575V/60Hz	
	1900 5000 59		BD 150 500V/50Hz		2030		•	Contactor	
	1900 5000 61		BD 150 575V/60Hz			1089 9164 24	2	BD 300 500V/50Hz	
	1900 5000 62		BD 185 400V/50Hz			1089 9164 24	1	Others	
	1900 5000 64		BD 185 440-460V/60Hz		2035		• 1	Circuit breaker	
	1900 5000 63		BD 185 500V/50Hz			1081 0420 01		BD 185 500V/50Hz	
	1900 5000 65		BD 185 575V/60Hz			1081 0420 01		BD 250 500V/50Hz	
	1900 5000 62		BD 250 400V/50Hz		2040		• 1	Circuit breaker	
	1900 5000 64		BD 250 440-460V/60Hz			1081 0420 18		BD 100 400V/50Hz	
	1900 5000 63		BD 250 500V/50Hz			1089 9416 53		BD 100 440-460V/60Hz	
	1900 5000 65		BD 250 575V/60Hz			1089 9416 53		BD 100 575V/60Hz	
	1900 5000 72		BD 300 400V/50Hz			1081 0420 18		BD 150 400V/50Hz	
	1900 5000 66		BD 300 440-460V/60Hz			1089 9416 53		BD 150 440-460V/60Hz	
	1900 5000 73		BD 300 500V/50Hz			1089 9416 53		BD 150 575V/60Hz	
	1900 5000 67		BD 300 575V/60Hz			1081 0420 02		BD 185 400V/50Hz	
2010		• 1	Circuit breaker			1089 9416 63		BD 185 440-460V/60Hz	
	1089 9472 40		BD 100 400V/50Hz			1089 9416 63		BD 185 575V/60Hz	
	1089 9416 66		BD 100 440-460V/60Hz CE			1081 0420 02		BD 250 400V/50Hz	
	1089 9416 57		BD 100 440-460V/60Hz			1089 9416 63		BD 250 440-460V/60Hz	
			MOL-CRN-ASME			1089 9416 63		BD 250 575V/60Hz	
	1089 9472 60		BD 100 500V/50Hz			1081 0420 03		BD 300 400V/50Hz	
	1089 9416 66		BD 100 575V/60Hz			1089 9416 66		BD 300 440-460V/60Hz	
	1089 9472 40		BD 150 400V/50Hz			1081 0420 03		BD 300 500V/50Hz	
	1089 9416 57		BD 150 440-460V/60Hz			1089 9416 64		BD 300 575V/60Hz	
	1089 9472 60		BD 150 500V/50Hz		2045		• 1	Circuit breaker	
	1089 9416 66		BD 150 575V/60Hz			1081 0420 18		BD 100 500V/50Hz	
	1089 9472 40		BD 185 400V/50Hz			1081 0420 18		BD 150 500V/50Hz	
	1089 9416 67		BD 185 440-460V/60Hz			1089 9472 63		BD 185 400V/50Hz	
	1089 9472 60		BD 185 500V/50Hz			1089 9416 67		BD 185 440-460V/60Hz	
	1089 9416 66		BD 185 575V/60Hz			1089 9472 60		BD 185 500V/50Hz	
	1089 9472 40		BD 250 400V/50Hz			1089 9416 65		BD 185 575V/60Hz	
	1089 9416 67		BD 250 440-460V/60Hz			1089 9472 63		BD 250 400V/50Hz	
	1089 9472 60		BD 250 500V/50Hz			1089 9416 67		BD 250 440-460V/60Hz	
	1089 9416 66		BD 250 575V/60Hz			1089 9472 60		BD 250 500V/50Hz	
	1089 9472 40		BD 300 400V/50Hz			1089 9416 65		BD 250 575V/60Hz	
	1089 9416 66		BD 300 440-460V/60Hz			1089 9472 63		BD 300 400V/50Hz	
	1089 9472 60		BD 300 500V/50Hz			1089 9416 65		BD 300 440-460V/60Hz	
	1089 9416 66		BD 300 575V/60Hz			1089 9472 60		BD 300 500V/50Hz	
						1089 9416 65		BD 300 575V/60Hz	

Cubicle

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Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
2050	1081 0420 33	• 1	Contact block		2220	1088 0031 13	• 1	Connector	
	1089 9416 42		50Hz		2230	1088 0031 29	• 1	Connector	
			60Hz		2240	1088 0031 49	• 1	Connector	
2055	1089 9473 04	• 1	Aux. Contact block		2250	1088 0031 50	• 2	Connector	
	1089 9473 04		BD 185 400V/50Hz		2260	1089 0577 39	• 3	Terminal	
	1089 9473 04		BD 250 400V/50Hz		2270	1089 0577 08	• 3	Terminal	
	1089 9473 05		BD 300 400V/50Hz		2280	1089 0577 04	• 25	Terminal	
	1089 9473 05		BD 185 500V/50Hz		2290	1089 0577 07	• 5	Terminal	
	1089 9473 05		BD 250 500V/50Hz		2300	1089 0577 12	• 3	Terminal	
	1089 9473 05		BD 300 500V/50Hz		2310	1900 0710 12	• 1	Regulator Elektronikon	
2060	1089 9578 23	• 1	Contact		2320	1900 0711 62	• 1	Expansion module	
2070	1089 9472 80	• 1	Circuitbreaker		2330	1622 0661 01	• 1	Communication cable	
	1089 9416 48		50Hz		2340	1624 0374 00	• 1	Wiring	
			60Hz		2350	1624 0374 01	• 1	Cable	
2080	1089 9415 48	• 3	Terminal		2360	1089 0263 43	• 1	Emergency stop	
			60Hz		2370	1089 0263 44	• 1	Contact block	
2100	1089 9436 39	• 1	Transformer		2380	1621 0478 00	• 1	Label	
2110	1089 9413 53	1	Phoenix contactor		2390	0993 7106 00	• 4	Mounting rail	
2120	1624 0260 00	• 1	Cubicle box		2410	9827 7237 00	• 1	Service diagram	
			50Hz		3010		5	Solenoid valve	
	1624 0259 00	1	60Hz			1089 0702 07		50Hz	
2130	1624 0334 00	• 1	Cover			1089 0702 08		60Hz	
2150	1079 9921 00	• 1	Label		3020	1089 0702 72	1	Manifold	
2155		• 1	Cover		4010	0147 1205 03	2	Hexagon bolt	
	1624 0398 80		60Hz		4020	0301 2318 00	2	Washer	
	1624 0433 00	• 1	Panel front		4030	0147 1322 03	4	Hexagon bolt	
	1624 0434 00	• 1	Panel back		4040	0300 0274 34	4	Washer	
2160	0690 1125 00	• 1	Decal		4050	9090 1518 00	6	Coupling elbow	
2170	1088 0031 12	• 1	Connector		4070	0686 3101 00	1	Plug	
2180	1088 0031 07	• 1	Connector		4080	0147 1243 03	1	Hexagon bolt	
2190	1088 0031 06	• 1	Connector		4090	0333 3120 00	1	Lock washer	
2200	1088 0031 62	• 1	Connector						

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Service kits

Ref.	Part number	Qty	Name	Remarks	Ref.	Part number	Qty	Name	Remarks
		1	Desiccant kits				1	Service plan C	
	2901 1484 00		BD 100 -40°C					- Bearing kit Blower	
	2901 1485 00		BD 150 -40°C		2901 1546 00			BD 100	
	2901 1486 00		BD 185 -40°C		2901 1546 00			BD 150	
	2901 1487 00		BD 250 -40°C		2901 1547 00			BD 185 CSA/UL 440-460V/ 60Hz	
	2901 1488 00		BD 300 -40°C		2901 1546 00			BD 185 CSA/UL 575V/ 60Hz	
		1	Service plan A		2901 1547 00			BD 185 IEC	
	2901 1489 00		BD 100		2901 1547 00			BD 250	
	2901 1492 00		BD 150		2901 1547 00			BD 300 CSA/UL	
	2901 1495 00		BD 185		2901 1545 00			BD 300 IEC	
	2901 1498 00		BD 250				1	Service plan D	
	2901 1554 00		BD 300		2901 1549 00			BD 100 -40°C/50Hz	
		1	Service plan B		2901 1564 00			BD 100 -40°C/60Hz	
	2901 1490 00		BD 100		2901 1557 00			BD 150 -40°C/50Hz	
	2901 1493 00		BD 150		2901 1565 00			BD 150 -40°C/60Hz	
	2901 1496 00		BD 185		2901 1558 00			BD 185 -40°C/50Hz	
	2901 1499 00		BD 250		2901 1566 00			BD 185 -40°C/60Hz	
	2901 1555 00		BD 300		2901 1559 00			BD 250 -40°C/50Hz	
					2901 1567 00			BD 250 -40°C/60Hz	
					2901 1562 00			BD 300 -40°C/50Hz	
					2901 1568 00			BD 300 -40°C/60Hz	

This image shows a full page of a document template designed for handwriting practice or general note-taking. It consists of approximately 28 evenly spaced horizontal dotted lines across the entire width of the page. The background is plain white, and there are no margins, headers, footers, or other markings present.

Notes:

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting or typing. There are no margins, text, or other markings on the page.

Atlas Copco Desiccant dryers

BD 100, BD 150, BD 185, BD 250, BD 300

Parts list

What sets Atlas Copco apart as a company is our conviction that we can only excel in what we do if we provide the best possible know-how and technology to really help our customers produce, grow and succeed.

There is a unique way of achieving that - we simply call it the Atlas Copco way. It builds on **interaction**, on long-term relationships and involvement in the customers' process, needs and objectives. It means having the flexibility to adapt to the diverse demands of the people we cater for.

It's the **commitment** to our customers' business that drives our effort towards increasing their productivity through better solutions. It starts with fully supporting existing products and continuously doing things better, but it goes much further, creating advances in technology through **innovation**. Not for the sake of technology, but for the sake of our customer's bottom line and peace-of-mind.

That is how Atlas Copco will strive to remain the first choice, to succeed in attracting new business and to maintain our position as the industry leader.



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