

Nortec GS

SPARE PARTS LIST



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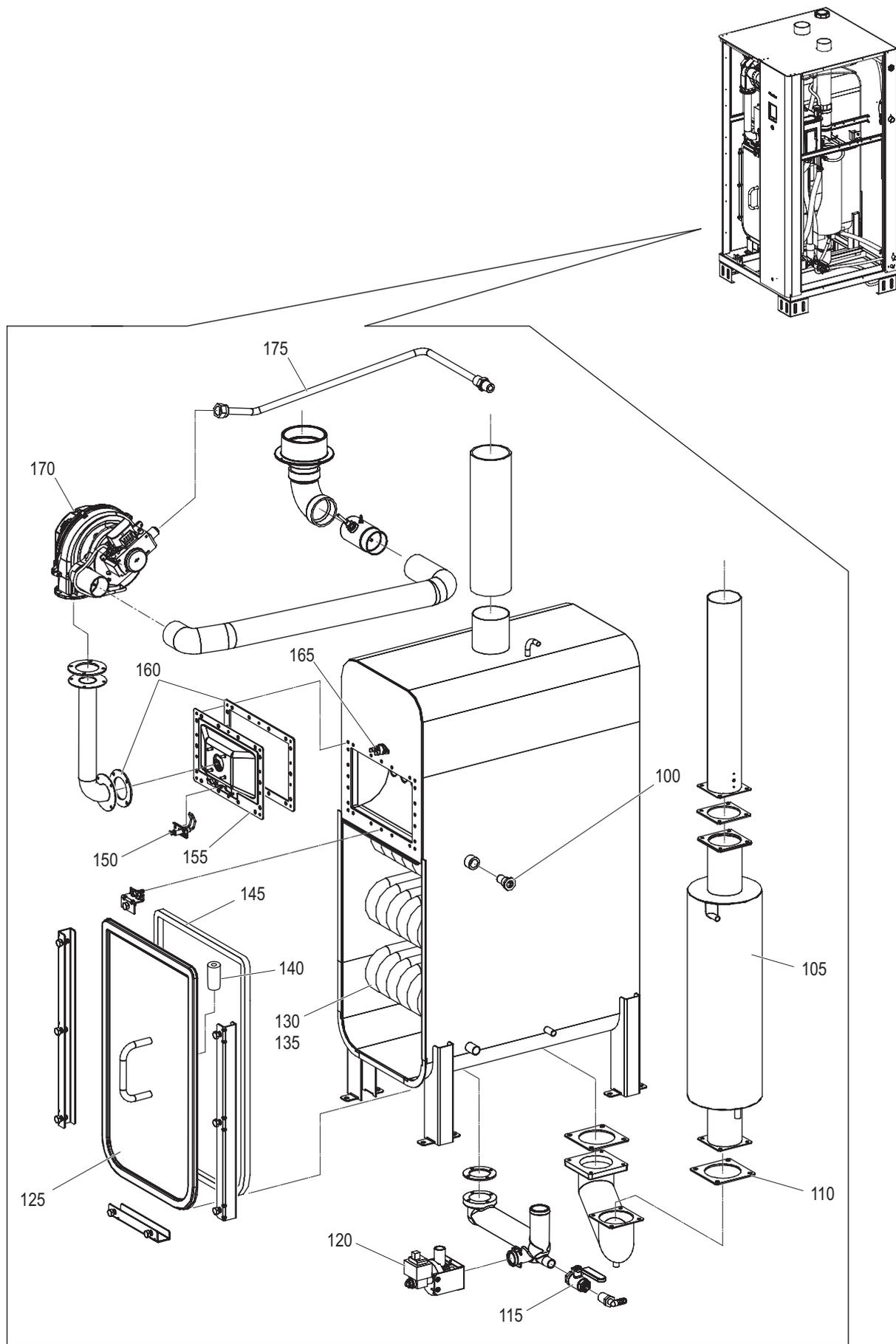


Figure 1: Nortec GS Humidifier, Heat-exchanger and Blower

Parts List – Nortec GS 50-600

Item No.	Item Description	Details	GS 50	GS 100	GS 150	GS 200	GS 300	GS 450	GS 600	Nortec Part Number
100	SP, GS/SE, Sensor, Tank thermal Kit consists of: Sensor, 1-1/2 in (38 mm) probe	160 °F (71 °C)	1	1	1	1	1	1	1	2584507
105	SP, GS, Heat-exchanger (secondary), Compact Kit consists of: Heat-exchanger, secondary (qty. 1) Gasket, sanitary flange (qty. 1) Gasket (qty. 1) Hose, 3/8 in (9.5 mm) O.D. × 20 in (510 mm) Clamp, spring (qty. 4) Screw, #6-32 × 1/2 in (qty. 2) Plug, 1/2 in NPTM, SS (qty.1) Grommet (qty. 1)	Model CS/NX only	1	1	–	–	–	–	–	2584711
	SP, GS, Heat-exchanger (secondary), Full-size Kit consists of: Heat-exchanger, secondary (qty. 1) Gasket (qty. 2) Hose, 3/8 in (9.5 mm) O.D. × 20 in (510 mm) Clamp, spring (qty. 4) Screw, #6-32 × 1/2 in (qty. 2) Plug, 1/2 in NPTM, SS (qty.1) Grommet (qty. 1)	Model CS/NX only	–	–	1	2	2	3	4	2584712
110	SP, GS, Gasket, Secondary Heat-exchanger Flange Kit consists of: Gasket (qty. 2)	Model CS/NX only; (included in item 105)	1	1	1	2	2	3	4	2584494
115	SP, GS, Manual Drain Valve, Compact Kit consists of: Valve, 1/2 in NPT × 3/8 in compression (qty. 1) Elbow (qty. 1)		1	1	–	–	–	–	–	2584713
	SP, GS, Manual Drain Valve, Full-size Kit consists of: Valve, 1/2 in NPT (qty. 1) Fitting, 1/2 in NPT to barb (qty. 1)		–	–	1	1	1	1	1	2584714
120	SP, GS, Drain Pump Assembly (refer to Figure 3 on page 10 for details) Kit consists of: Pump, drain, 60 Hz, 24 V (qty. 1) Bracket (qty. 1) Screw, #10-32 × 1/2 in (qty. 4) Setscrew, M4×10 (qty. 1) O-ring, (qty. 1) Clamp, worm drive (qty. 1) Washer, flat (qty. 4) Washer, lock (qty. 4)		1	1	1	1	1	1	1	2584503
125	SP, GS, Door, Clean-out (single) (refer to Figure 3 on page 10 for details) Kits consist of: Door (qty. 1) Anode, sacrificial (qty. 1) Gasket (qty. 1)		1	1	1	–	–	1	–	2584482
	SP, GS, Door, Clean-out (double)		–	–	–	1	1	1	2	2584483
130	SP, GS, Heat-exchanger (primary), Compact Kit consists of: Heat-exchanger, primary (qty. 1) Gasket, exhaust flange (qty. 2) Gasket, combustion chamber (qty. 1) Gasket, burner-blower (qty. 2) Gasket, burner (qty. 1) Screw, M6×10, socket-head (qty. 14) Screw, M6×12, hex-head (qty. 14) Nut, nylon lock, M5 (qty. 4)		1	–	–	–	–	–	–	2584495

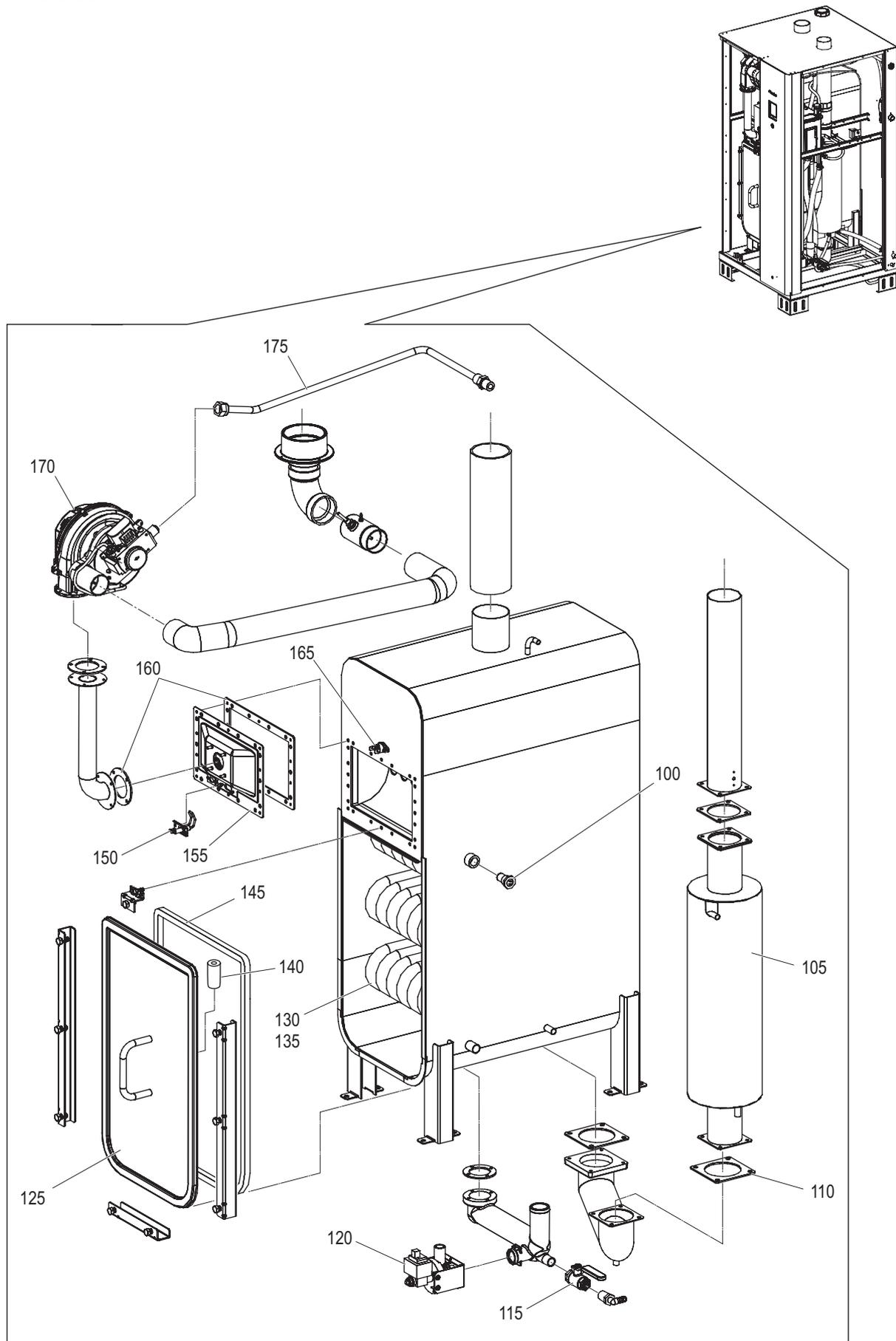


Figure 1: Nortec GS Humidifier, Heat-exchanger and Blower, continued...

Parts List (continued...) – Nortec GS 50-600

Item No.	Item Description	Details	GS 50	GS 100	GS 150	GS 200	GS 300	GS 450	GS 600	Nortec Part Number
130 contd.	SP, GS, Heat-exchanger (primary), Compact Kit consists of: Heat-exchanger, primary (qty. 1) Gasket, exhaust flange (qty. 2) Gasket, combustion chamber (qty. 1) Gasket, burner-blower (qty. 2) Gasket, burner (qty. 1) Screw, M6×10, socket-head (qty. 14) Screw, M6×12, hex-head (qty. 14) Nut, nylon lock, M5 (qty. 4)		–	1	–	–	–	–	–	2584496
	SP, GS, Heat-exchanger (primary), Full-size (refer to Figure 3 on page 10 for details) Kit consists of: Heat-exchanger, primary (qty. 1) Gasket, exhaust flange (qty. 2) Gasket, combustion chamber (qty. 1) Gasket, burner-blower (qty. 1) Gasket, burner (qty. 1) Screw, M6×16, hex-head (qty. 4) Screw, M6×10, socket-head (qty. 14) Screw, M6×12, hex-head (qty. 10) Nut, nylon lock, M5 (qty. 4)		–	–	1	2	2	3	4	2584497
135	SP, GS, Gasket, Heat-exchanger Combustion Chamber (refer to Figure 3 on page 10 for details) Kit consists of: Gasket, exhaust flange (qty. 2) Gasket, combustion chamber (qty. 1) Gasket, burner-blower (qty. 2) Gasket, burner (qty. 1) Screw, M6×16, hex-head (qty. 4) Screw, M6×10, socket-head (qty. 14) Screw, M6×12, hex-head (qty. 14) Nut, nylon lock, M5 (qty. 4)	(included in item 130)	1	1	1	2	2	3	4	2584492
140	SP, GS, Sacrificial Anode, GS/SE Kit consists of: Anode, sacrificial (qty. 1)	(included in items 125, 145)	1	1	1	1	1	2	2	2575147
145	SP, GS, Gasket, Tank Clean-out Door Kit consists of: Gasket, clean-out door, single Hx (qty. 1) Anode, sacrificial (qty. 1)	(included in item 125)	1	1	1	–	–	1	–	2584484
	SP, GS, Gasket, Tank Clean-out Door Kit consists of: Gasket, clean-out door, double Hx (qty. 1) Anode, sacrificial (qty. 1)	(included in item 125)	–	–	–	1	1	1	2	2584485
150	SP, GS, Spark Igniter (refer to Figure 3 on page 10 for details) Kit consists of: Igniter, spark (qty. 1) Gasket, spark igniter (qty. 1) Nut, M4 (qty. 2) Cable, igniter (qty. 1)	(included in item 155)	1	1	1	2	2	3	4	2584513
155	SP, GS, Burner Assembly, Compact (refer to Figure 3 on page 10 for details) Kit consists of: Assembly, burner (qty. 1) – includes spark igniter and hardware Gasket, burner-blower (qty. 2) Gasket, burner (qty. 1) Screw, M6×12, hex-head (qty. 10) Nut, nylon lock, M5 (qty. 4)		1	–	–	–	–	–	–	2584509
	SP, GS, Burner Assembly, Compact Kit consists of: Assembly, burner (qty. 1) – includes spark igniter and hardware Gasket, burner-blower (qty. 2) Gasket, burner (qty. 1) Screw, M6×12, hex-head (qty. 10) Nut, nylon lock, M5 (qty. 4)		–	1	–	2	–	–	–	2584510

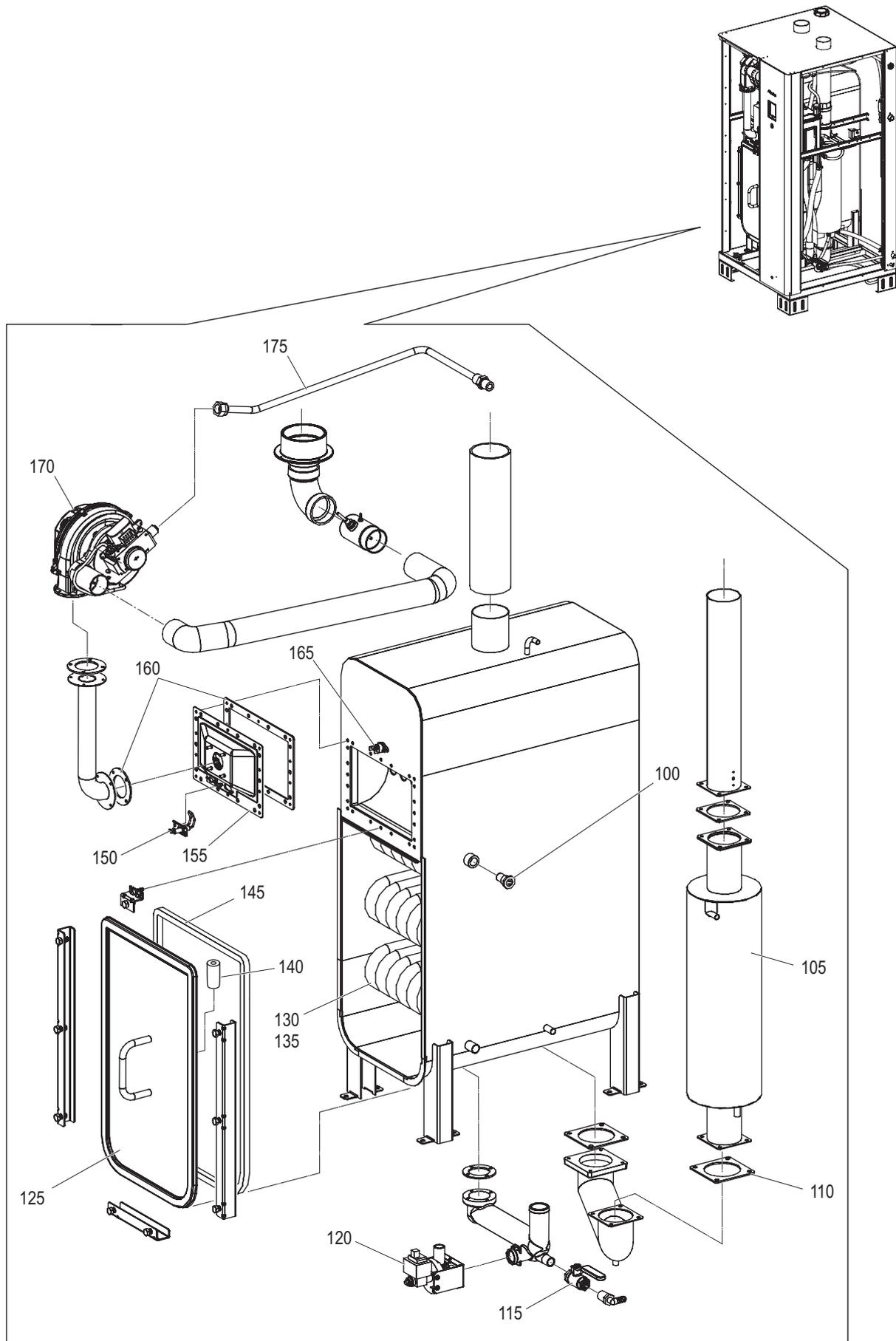


Figure 1: Nortec GS Humidifier, Heat-exchanger and Blower, continued...

Parts List (continued...) – Nortec GS 50-600

Item No.	Item Description	Details	GS 50	GS 100	GS 150	GS 200	GS 300	GS 450	GS 600	Nortec Part Number
155 contd.	SP, GS, Burner Assembly, Full-size Kit consists of: Assembly, burner (qty. 1) – includes spark igniter and hardware Gasket, burner-blower (qty. 1) Gasket, burner (qty. 1) Screw, M6×12, hex-head (qty. 10) Nut, nylon lock, M5 (qty. 4)		–	–	1	–	2	3	4	2584511
160	SP, GS, Gasket, Burner (refer to Figure 3 on page 10 for details) Kit consists of: Gasket, burner (qty. 1) Gasket, burner-blower (qty. 2) Screw, M6×12, hex-head (qty. 10) Nut, nylon lock, M5 (qty. 4)	(included in item 155)	1	1	1	2	2	3	4	2584512
165	SP, GS, Switch, Tank Hi-Limit Kit consists of: Switch, temperature (qty. 1) Nut, M3 (qty. 2)		1	1	1	1	1	2	2	2586125
170	SP, GS, Blower Assembly, Compact Kit consists of: Assembly, blower with valve, pre-mix (qty. 1) Gasket, burner-blower (qty. 1) Tube, 1/8 in (3 mm) I.D. × 9 in (230 mm)	120 V, 70 kBTU (20.5 kW)	1	–	–	–	–	–	–	2586135
	SP, GS, Blower Assembly, Compact Kit consists of: Assembly, blower with valve, pre-mix (qty. 1) Gasket, burner-blower (qty. 1) Tube, 1/8 in (3 mm) I.D. × 9 in (230 mm)	120 V, 140 kBTU (41.0 kW)	–	1	–	2	–	–	–	2584517
	SP, GS, Blower Assembly, Full-size (refer to Figure 4 on page 11 for details) Kit consists of: Assembly, blower with valve (qty. 1) Gasket, burner-blower (qty. 1)	120 V, 210 kBTU (61.5 kW)	–	–	1	–	2	3	4	2586136
175	SP, GS, Flexible Hose, Gas, Compact Kit consists of: Hose, flex gas, 1/2 in (13 mm) I.D. × 12 in (305 mm)		1	1	–	–	–	–	–	2584500
	SP, GS, Flexible Hose, Gas, Full-size Kit consists of: Hose, flex gas, 3/4 in (19 mm) I.D. × 36 in (915 mm)		–	–	1	2	2	2	2	2584501
	SP, GS, Flexible Hose, Gas, Full-size Kit consists of: Hose, flex gas, 3/4 in (19 mm) I.D. × 60 in (1.5 m)		–	–	–	–	–	1	2	2584502

Parts List (continued...) – Nortec GS 50-600

Item No.	Item Description	Details	GS 50	GS 100	GS 150	GS 200	GS 300	GS 450	GS 600	Nortec Part Number
180	SP, GS, Float Chamber (refer to Figure 4 on page 11 for details) Kit consists of: Sleeve, float (qty. 1) Endcap, sleeve (qty. 1) Gasket (qty. 1) Float, magnetic (qty. 2) Screw, M3×6, pan-head (qty. 6)	(included in item 205)	1	1	1	1	1	1	1	2584508
185	SP, GS, Valve, Vacuum Break Kit consists of: Valve, vacuum break, 1/2 in NPT (qty. 1)	(included in item 205)	1	1	1	1	1	1	1	1505959
190	SP, GS, Micro-pump, 12 VDC (refer to Figure 4 on page 11 for details) Kit consists of: Micro-pump, modulating (qty. 1) Hose, 3/8 in (9.5 mm) O.D × 12 in (300 mm) Hose, 15/64 in (6 mm) I.D. × 6 in (150 mm) Fitting, barbed (qty. 1) Clamp, spring (qty. 2) Harness, wire (qty. 1) Tie-wrap (qty. 4)	Model CS/NX only	1	1	1	2	2	3	4	2584518
195	SP, GS, Fill Valve, Dual Solenoid, Compact Kits consist of: Valve, fill (qty. 1) Screw, M4×10 (qty. 2)	2.64/0.21 gpm (10/0.8 L/min), 24 VAC	1	–	–	–	–	–	–	2584488
	SP, GS, Fill Valve, Dual Solenoid, Compact	2.64/0.34 gpm (10/1.3 L/min), 24 VAC	–	1	–	–	–	–	–	2584489
	SP, GS, Fill Valve, Dual Solenoid, Full-size	2.64/0.66 gpm (10/2.5 L/min), 24 VAC	–	–	1	1	–	–	–	2584490
	SP, GS, Fill Valve, Dual Solenoid, Full-size	2.64/0.87 gpm (10/3.3 L/min), 24 VAC	–	–	–	–	1	–	–	2584491
	SP, GS, Fill Valve, Quadruple Solenoid, Full-size	2.64/0.87 gpm ×2 (10/3.3 L/min ×2), 24 VAC	–	–	–	–	–	1	1	2587914
200	SP, GS, Float Board, GS/SE/NHDI/NHSC (refer to Figure 4 on page 11 for details)	(included in item 205)	1	1	1	1	1	1	1	2573846
205	SP, GS, Fill Box Assembly (refer to Figure 4 on page 11 for details) Kit consists of: Assembly, fill box (qty. 1) – includes float chamber assembly, float board, hoses, fittings Clamp, worm drive, 7/8 to 1-1/4 in (22-32 mm) (qty. 2) Clamps, worm drive, 1-1/4 to 2 in (32-50 mm) (qty. 1) Adaptor (qty. 2) Plug (qty. 2)		1	1	1	1	1	1	1	2584487
210	SP, GS, Fill Box, Body (refer to Figure 4 on page 11 for details) Kit consists of: Body, fill box (qty. 1) – with hoses and fittings, but without floats Clamp, worm drive 1-1/4 to 2 in (32-50 mm) (qty. 1) Adaptor (qty. 2) Plug (qty. 2)		–	–	–	–	–	1	1	2584486
215	SP, GS, Switch, Stack Hi-Limit (refer to Figure 4 on page 11 for details) Kit consists of: Sensor, high limit, capillary, 160 °F (71 °C), (qty. 1) Grommet (qty. 1) Screw, #6-32 × 1/2 in (qty. 2) Bracket (qty. 1) Retainer (qty. 2)	Model CS/NX	1	1	1	1	1	2	2	2584499
220	SP, GS, Driver Board, GS		1	1	1	1	1	2	2	2584709
225	SP, GS, Integrated Control Board		1	1	1	1	1	1	1	2584708
N/S	SP, GS, Pump Module	Model CS/NX only	1	1	1	1	1	2	2	2586140
N/S	SP, GS, Software Update		1	1	1	1	1	1	1	2584710

N/S Not shown

Nortec GS 50-600

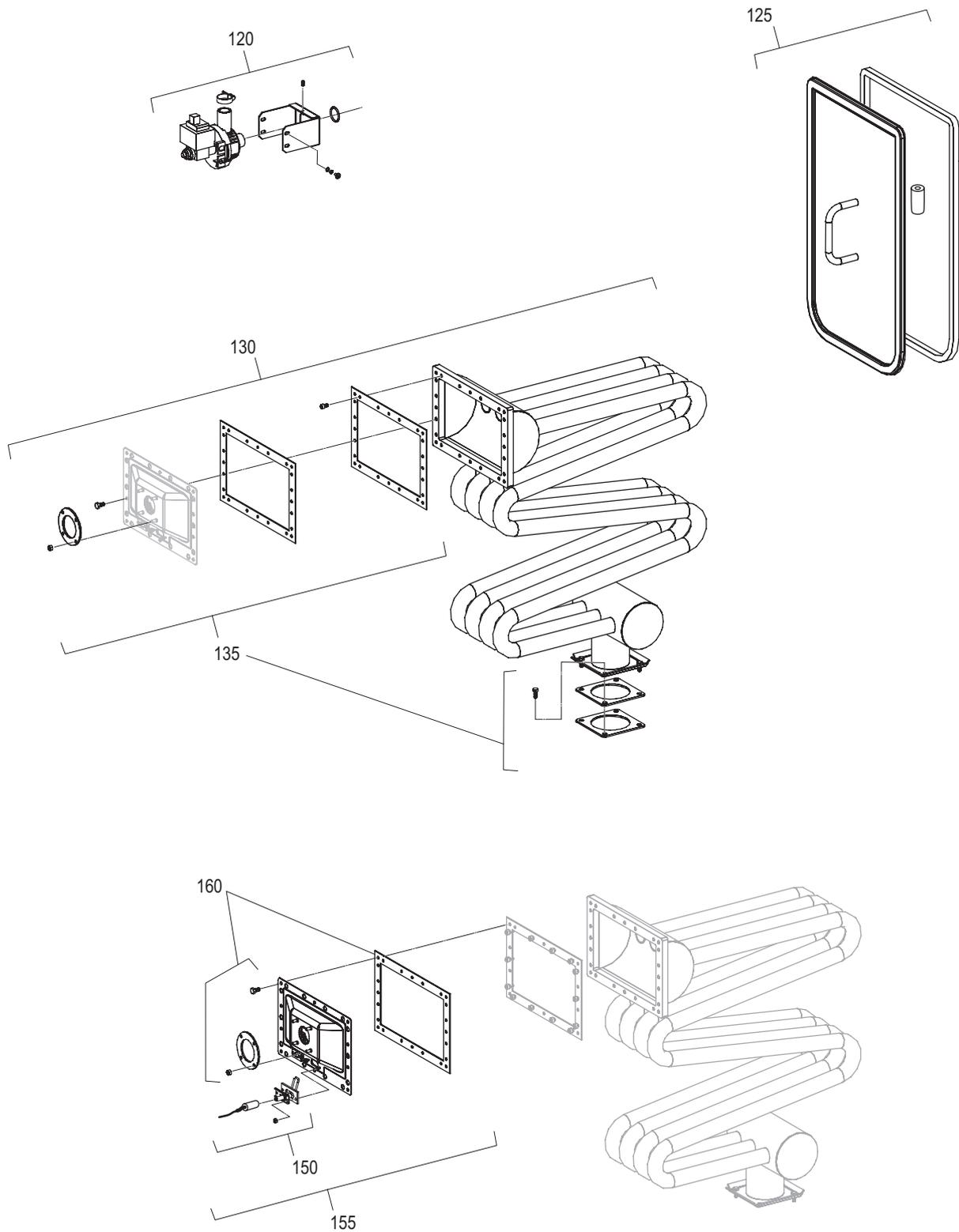


Figure 3: Nortec GS Humidifier, Kit Details

Note: Greyed out items are not a part of the kits.

Nortec GS 50-600

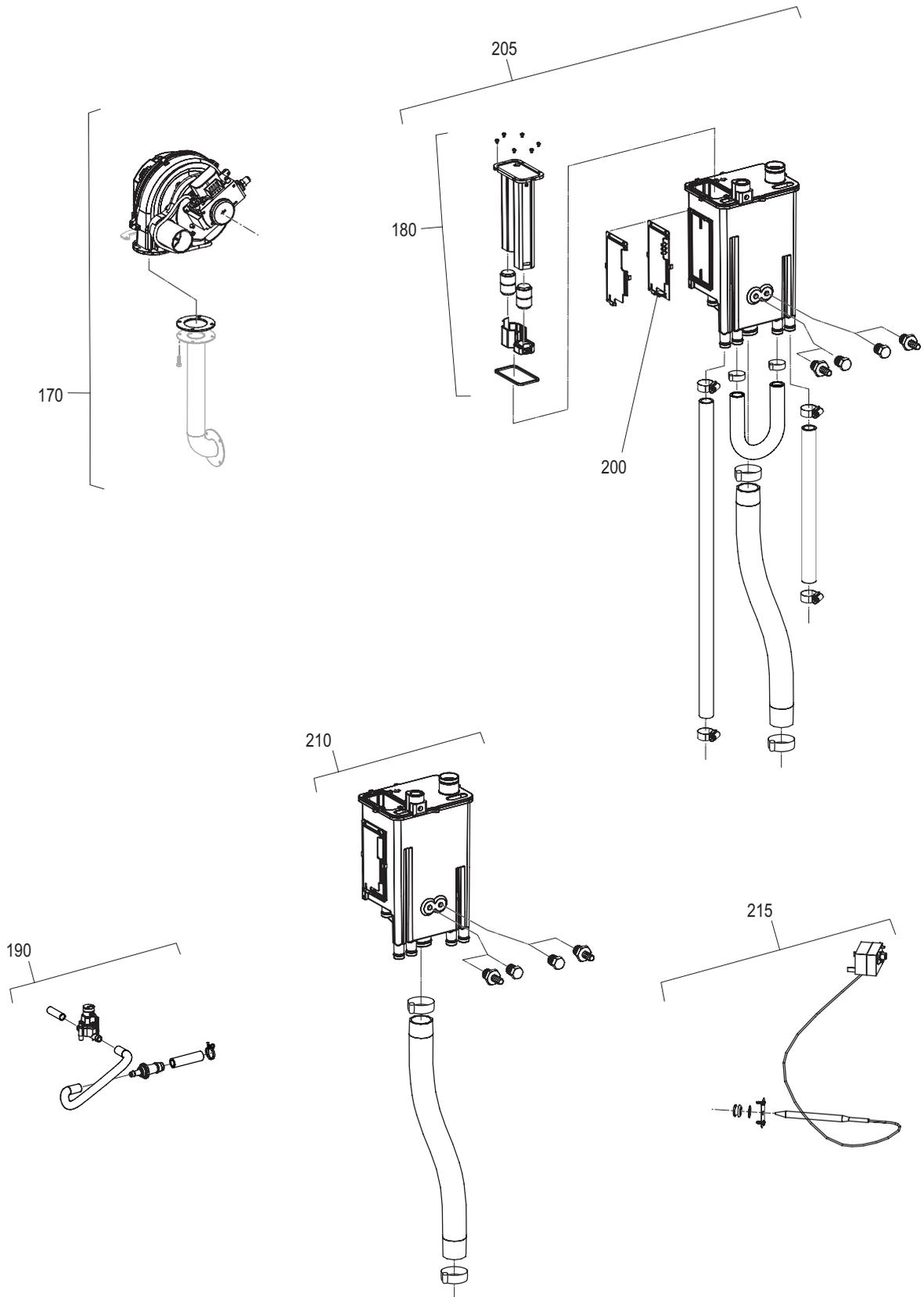
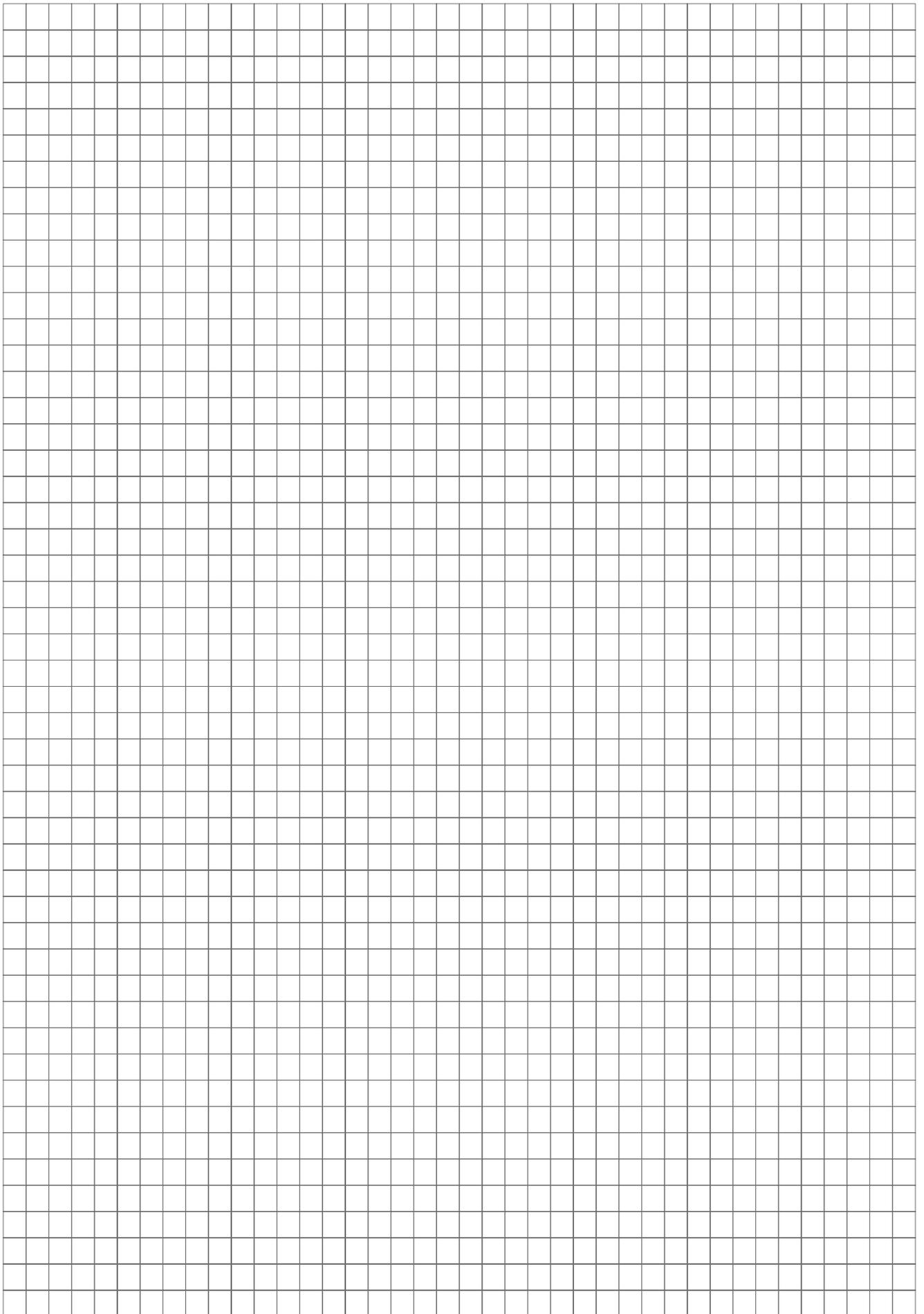


Figure 4: Nortec GS Humidifier, Kit Details, continued...

Note: Greyed out items are not a part of the kits.

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Warranty

Nortec Humidity Inc. and/or Nortec Humidity Ltd. (hereinafter collectively referred to as THE COMPANY), warrant for a period of two years after installation or 30 months from manufacturer's ship date, whichever date is earlier, that THE COMPANY's manufactured and assembled products, not otherwise expressly warranted, are free from defects in material and workmanship. The heat exchanger(s) will have an additional warranty that ensures the heat exchanger will be free from defects in materials and workmanship for an additional year, for a total period of 3 years from installation or 40 months from the manufacturer's ship date, whichever is earlier. No warranty is made against corrosion, deterioration, or suitability of substituted materials used as a result of compliance with government regulations.

THE COMPANY's obligations and liabilities under this warranty are limited to furnishing replacement parts to the customer, F.O.B. THE COMPANY's factory, provided that the defective part(s) is returned freight prepaid by the customer. The replacement parts are warranted for the balance of the term of the warranty on the original humidifier or 90 days, whichever is longer.

The warranties set forth herein are in lieu of all other warranties expressed or implied by law. No liability whatsoever shall be attached to THE COMPANY until said products have been paid for in full and then said liability shall be limited to the original purchase price for the product. Any further warranty must be in writing, signed by an officer of THE COMPANY.

THE COMPANY's limited warranty on accessories, not manufactured by the COMPANY, such as controls, humidistats, pumps, etc., is limited to the warranty of the original equipment manufacturer from date of original shipment of humidifier.

THE COMPANY makes no warranty and assumes no liability unless the equipment is installed in strict accordance with a copy of the catalog and installation manual in effect at the date of purchase, and by a contractor approved by THE COMPANY to install such equipment.

THE COMPANY makes no warranty and assumes no liability whatsoever for consequential damage or damage resulting directly from misapplication, incorrect sizing or lack of proper maintenance of the equipment.

THE COMPANY makes no warranty and assumes no liability whatsoever for damage to the humidifier, supply lines, drain lines, or steam distribution systems caused by freezing.

THE COMPANY reserves the right to change the design, specifications and performance criteria of its products without notice or obligation.



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