



## Nortec GS

#### SPARE PARTS LIST



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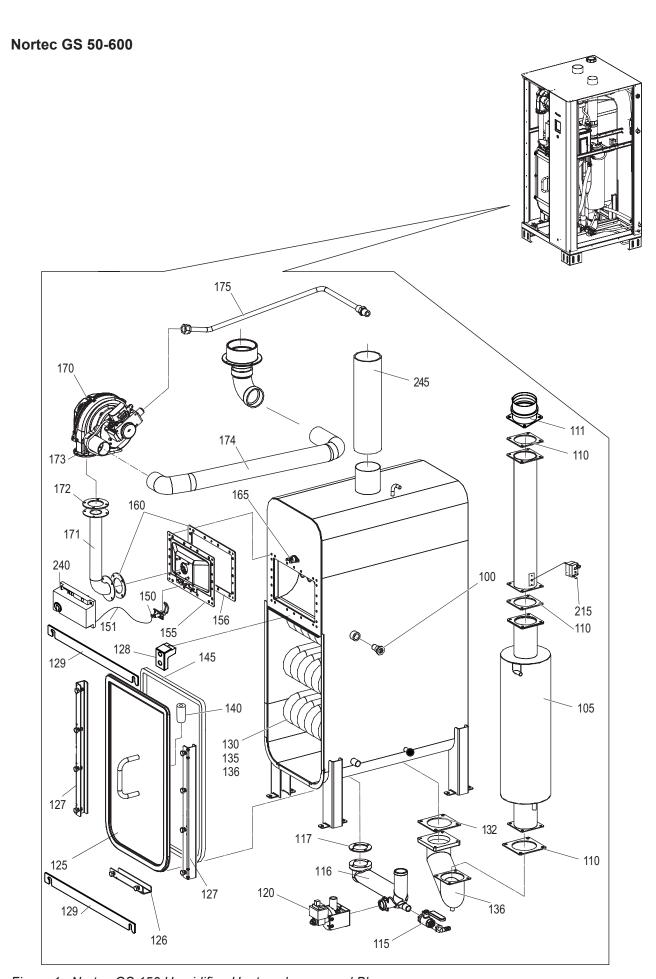


Figure 1: Nortec GS 150 Humidifier, Heat-exchanger and Blower

## Parts List - Nortec GS 50-600

| Item<br>No. | Item Description   | Details                | GS 50 | GS 100 | GS 150 | GS 200 | GS 300 | GS 450 | GS 600 | Condair Par<br>Number |
|-------------|--|------------------------|-------|--------|--------|--------|--------|--------|--------|-----------------------|
| 100         | SP, GS/SE, Sensor, Tank thermal<br>Kit consists of:<br>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<br>Kit consists of:<br>Heat-exchanger, secondary (qty. 1)<br>Gasket, sanitary flange (qty. 1)<br>Gasket (qty. 1)<br>Plug, pipe 1/2 in NPTM, SS (qty.1)   | Model CS/NX only       | 1     | 1      | -      | -      | -      | -      | -      | 2584711               |
|             | SP, GS, Heat-exchanger (secondary), Full-size<br>Kit consists of:<br>Heat-exchanger, secondary (qty. 1)<br>Gasket (qty. 2)I<br>Plug, 1/2 in NPTM, SS (qty.1)   | Model CS/NX only       | -     | -      | 1      | 2      | 2      | 3      | 4      | 2584712               |
| 106         | SP, 10X Gasket, Sanitary Flange, 3 in, Sil<br>Kit consists of:<br>Gasket, Sanitary Flange (qty. 10)  |                        | 1     | 1      | -      | -      | -      | -      | -      | 2592490               |
| 107         | SP, Clamp, Wing Nut, Sanitary, 3 in, 304 SST<br>Kit consists of:<br>Clamp, Wing Nut (qty. 1)   |                        | 1     | 1      | -      | -      | -      | -      | -      | 2592493               |
| 110         | SP, GS, Gasket, Secondary Heat-exchanger<br>Kit consists of:<br>Gasket (qty. 2)  | Model CS/NX only       | 1     | 1      | 1      | 2      | 2      | 3      | 4      | 2584494               |
| 111         | SP, Adapter Exhaust 80 mm Kit consists of: Adapter (qty. 1) Gasket (qty. 1) Screw (qty. 4) Nut (qty. 4)  |                        | 1     | 1      | 1      | -      | -      | -      | -      | 2593541               |
| 115         | SP, GS, Manual Drain Valve, Compact<br>Kit consists of:<br>Valve, 1/2 in NPT × 3/8 in compression (qty. 1)<br>P-Trap, pressure port (qty. 1)   |                        | 1     | 1      | -      | -      | -      | -      | -      | 2584713               |
|             | SP, GS, Manual Drain Valve, Full-size<br>Kit consists of:<br>Valve, ball 1/2 in NPT (qty. 1)<br>Elbow, 1/2 in NPT to barb (qty. 1)   |                        | -     | -      | 1      | 1      | 1      | 1      | 1      | 2584714               |
| 116         | SP, GS, Drain Casting Kit consists of: Fitting, drain cast (qty. 1) Gasket (qty. 1) Nut (qty. 4) Screw, M6x20 (qty. 4) O-ring (qty. 2)   |                        | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2589921               |
| 117         | SP, Drain Casting Gasket<br>Kit consists of:<br>Gasket (qty. 5)  | (included in item 116) | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2593540               |
| 120         | SP, GS, Drain Pump Assembly, 60 Hz 24 V (refer to Figure 3 on page 17 for details) Kit consists of: Pump, drain (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               |
| 121         | SP, 20X Screw, 10-32x0.5 in Kit consists of: Screw, Machine, 10-32x0.5 in (qty. 20) Washer, lock (qty. 20) Washer, flat (qty. 20)  |                        | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592482               |
| 122         | SP, 10X Screw, M4x10 Kit consists of: Screw, Machine, M4x10 (qty. 10)  |                        | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592483               |
| 123         | SP, 10X O-ring, .9375x.103 in, Sil<br>Kit consists of:<br>O-ring (qty. 10)   |                        | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592484               |

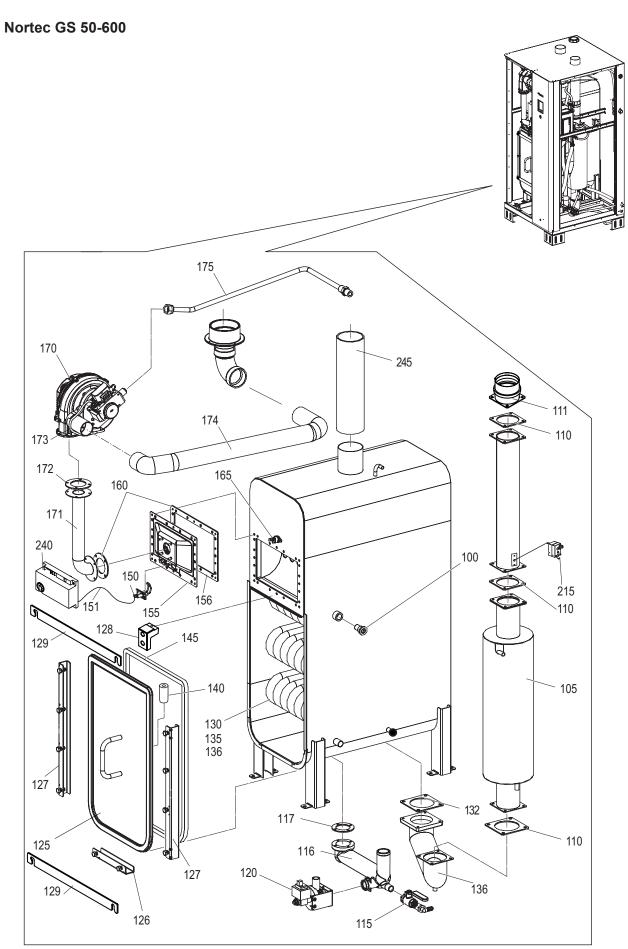


Figure 1: Nortec GS 150 Humidifier, Heat-exchanger and Blower, continued...

| Item<br>No. | Item Description   | Details                | GS 50 | GS 100 | GS 150 | GS 200 | GS 300 | GS 450 | GS 600 | Condair Part<br>Number |
|-------------|--|------------------------|-------|--------|--------|--------|--------|--------|--------|------------------------|
| 124         | SP, Bracket Kit, Tank Door Clamps Kits consist of: Bracket, side clamp (qty. 2) Bracket, bottom clamp short (qty. 1) Bracket, bottom clamp long (qty. 1) Bracket, top, cleanout door (qty. 3) Screw, socket cap, M6x40 (qty. 4) Nut, M8x25 (qty. 17) Screw, M8x25 (qty. 17) Cross bar single (qty. 2) Cross bar, double (qty. 2)   |                        | 1     | 1      | 1      | 1      | 1      | 2      | 2      | 2589276                |
| 125         | SP, GS, Door, Clean-out (single) (refer to Figure 3 on page 17 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                |
| 126         | SP Bracket, Bottom Clamp Short, Tank Door<br>Kits consist of:<br>Bracket, Bottom Clamp Short, Tank Door (qty. 1)<br>Nut, M8x1.25 (qty. 2)<br>Screw, M8x25 (qty. 2)   | (included in item 124) | 1     | 1      | 1      | -      | -      | 1      | -      | 2592478                |
|             | SP Bracket, Bottom Clamp Long, Tank Door<br>Kits consist of:<br>Bracket, Bottom Clamp Long, Tank Door (qty. 1)<br>Nut, M8x1.25 (qty. 4)<br>Screw, M8x25 (qty. 4)   | (included in item 124) | -     | _      | _      | 1      | 1      | 1      | 2      | 2592477                |
| 127         | SP 2X Bracket, Side Clamp Long, Tank Door<br>Kits consist of:<br>Bracket, Side Clamp Long, Tank Door (qty. 2)<br>Nut, M8x1.25 (qty. 8)<br>Screw, M8x25 (qty. 8)  | (included in item 124) | 1     | 1      | 1      | 1      | 1      | 2      | 2      | 2592479                |
| 128         | SP Bracket Top, Cleanout Door Kits consist of: Bracket, top, cleanout door (qty. 1) Nut, M8x1.25 (qty. 1) Screw, M8x25 (qty. 1) Scew, socket cap, M6x40 (qty. 1)   | (included in item 124) | 1     | 1      | 1      | 3      | 3      | 4      | 6      | 2592480                |
| 129         | SP, Cross Bar Single<br>Kit consists of:<br>Crossbar (qty. 2)  |                        | 1     | 1      | 1      | -      | -      | 1      | -      | 2593541                |
|             | SP, Cross Bar Double   |                        | -     | -      | -      | 1      | 1      | 1      | 2      | 2593542                |
| 130         | SP, GS, Heat-exchanger, 23 kg/h Kit consists of: Heat exchanger, primary (qty. 1) Gasket, Hx combustion chamber flange (qty. 1) Gasket, Hx exhaust flange (qty. 1) Gasket, Hx exhaust flange, inside (qty. 1) Gasket, burner blower (qty. 2) Gasket, burner (qty. 1) Stud, M6x30, threaded SST (qty. 4) Bolt, M6x10, socket head SST (qty. 14) Bolt, M6x14, hex head SST (qty. 9) Nut, Nylon lock, M5 Zn plated (qty. 4) Nut, flange, serrated 6mm SST (qty. 4) Washer, lock M6 (qty. 9)                                   |                        | 1     | _      | _      |        | _      | _      | _      | 2584495                |
|             | SP, GS, Heat-exchanger, 45 kg/h  |                        | _     | 1      | _      | -      | _      | -      | _      | 2584496                |
|             | SP, GS, Heat-exchanger, 65 kg/h (refer to on page 16 for details) Kit consists of: Heat exchanger, primary (qty. 1) Gasket, Hx combustion chamber flange (qty. 1) Gasket, Hx exhaust flange (qty. 1) Gasket, Hx exhaust flange, inside (qty. 1) Gasket, burner blower (qty. 1) Gasket, burner (qty. 1) Stud, M6x30, threaded SST (qty. 4) Bolt, M6x10, socket head SST (qty. 14) Bolt, M6x14, hex head SST (qty. 9) Nut, Nylon lock, M5 Zn plated (qty. 4) Nut, flange, serrated 6mm SST (qty. 4) Washer, lock M6 (qty. 9) |                        |       | -      | 1      | 2      | 2      | 3      | 4      | 2593815                |

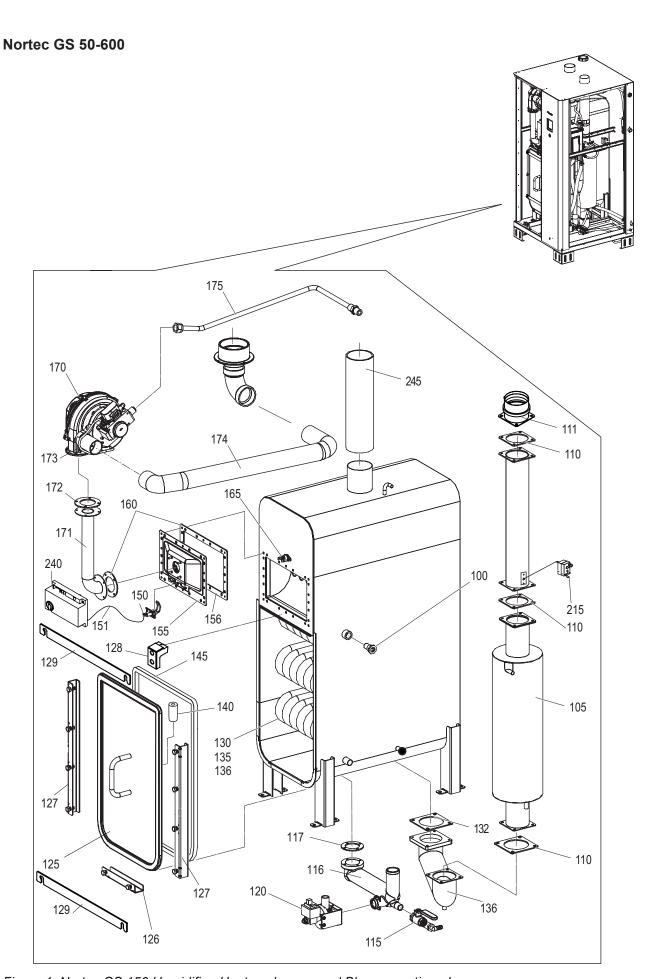


Figure 1: Nortec GS 150 Humidifier, Heat-exchanger and Blower, continued...

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

| Item<br>No. | Item Description  | Details                      | GS 50 | GS 100 | GS 150 | GS 200 | GS 300 | GS 450 | 009 SD | Condair Part<br>Number |
|-------------|---|------------------------------|-------|--------|--------|--------|--------|--------|--------|------------------------|
| 131         | SP, 10X Gasket, HX Comb Chamber Flange<br>Kit consists of:<br>Gasket, Flange (qty. 10)  |                              | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592486                |
| 132         | SP, 20X Gasket, HX Exhaust Flange<br>Kit consists of:<br>Gasket, Flange (qty. 20)   |                              | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592488                |
| 135         | SP, GS, Gasket, Heat-exchanger (primary) Kit consists of: Gasket, Hx combustion chamber flange (qty. 1) Gasket, Hx exhaust flange (qty. 1) Gasket, Hx exhaust flange, Inside (qty. 1) Gasket, burner-blower (qty. 2, 1 for full size units) Gasket, burner (qty. 1) Bolt, M6x16, hex-head, SST (qty. 4) Bolt, M6x10, socket cap, SST (qty. 14) Bolt, M6x10, socket cap, SST (qty. 9) Stud, M6x30, threaded SST (qty. 4) Screw, socket cap, SST (qty. 2) Nut, nylon lock M5, Zn plated (qty. 4) Nut, flang, serrated, 6 mm SST (qty. 4) Washer, lock M6 (qty. 9)   | (included in item 130)       | 1     | 1      | 1      | 2      | 2      | 3      | 4      | 2584492                |
| 136         | SP, Hx and Exhaust Manifold Kit, Burner 1 (refer to <i>on page 16</i> for details) Kit consists of: Heat-exchanger, primary (qty. 1) Manifold, tank exhaust, welded (qty. 1) Gasket, Hx combustion chamber flange (qty. 1) Gasket, Hx exhaust flange (qty. 1) Gasket, Hx exhaust flange, Inside (qty. 1) Gasket, burner-blower (1 for full size units) Gasket, burner (qty. 1) Gasket, tank 2nd HE flange, single Hx (qty. 1) Bolt, M6x10, socket cap, SST (qty. 14) Bolt, M6x14, hex-head, SST (qty. 9) Stud, M6x30, threaded SST (qty. 4) Screw, hex hd, ser. flange M6x12 Zn plate (qty. 4) Nut, nylon lock M5, Zn plated (qty. 4) Nut, flang, serrated, 6 mm SST (qty. 4) Nut, M6 Zn plated (qty. 4) Washer, lock M6 (qty. 9) |                              |       | _      | 1      | 1      | 1      | 1      | 1      | 2593810                |
|             | SP, Hx and Exhaust Manifold Kit, Burner 2   |                              | _     | _      | -      | 1      | 1      | 1      | 1      | 2593811                |
|             | SP, Hx and Exhaust Manifold Kit, Burner 3   |                              | -     | _      | -      | -      | -      | 1      | 1      | 2593812                |
|             | SP, Hx and Exhaust Manifold Kit, Burner 4   |                              | _     | _      | -      | _      | -      | _      | 1      | 2593814                |
| 140         | SP, GS, Sacrificial Anode, GS/SE<br>Kit consists of:<br>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<br>Kit consists of:<br>Gasket, clean-out door, single Hx (qty. 1)   | (included in item 125)       | 1     | 1      | 1      | -      | -      | 1      | -      | 2584484                |
|             | SP, GS, Gasket, Tank Clean-out Door<br>Kit consists of:<br>Gasket, clean-out door, double Hx (qty. 1)   | (included in item 125)       | -     | -      | -      | 1      | 1      | 1      | 2      | 2584485                |
| 150         | SP, GS, Spark Igniter (refer to Figure 3 on page 17 for details) Kit consists of: Igniter, spark electrode (qty. 1) Gasket, spark igniter (qty. 1) Nut, M4 (qty. 2) Cable, spark igniter (qty. 1)   |                              | 1     | 1      | 1      | 2      | 2      | 3      | 4      | 2584513                |

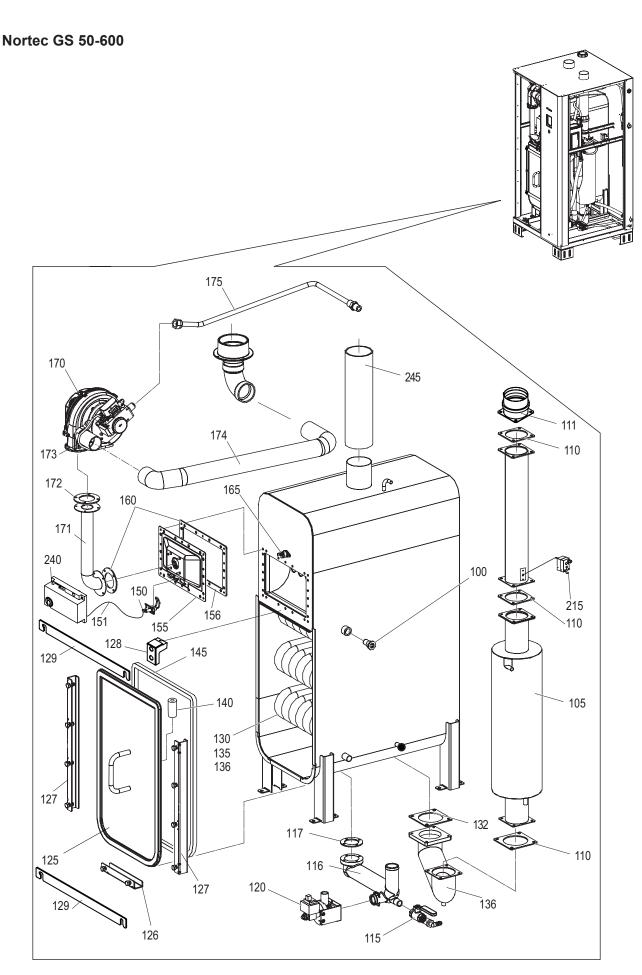


Figure 1: Nortec GS 150 Humidifier, Heat-exchanger and Blower, continued...

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

| Item<br>No. | Item Description  | Details                   | GS 50 | GS 100 | GS 150 | GS 200 | GS 300 | GS 450 | GS 600 | Condair Part<br>Number |
|-------------|---|---------------------------|-------|--------|--------|--------|--------|--------|--------|------------------------|
| 151         | SP, Cable, Spark Igniter Kit consists of: Cable, spark igniter (qty. 1)   | (included in item 150)    | 1     | 1      | 1      | 2      | 2      | 3      | 4      | 2593544                |
| 155         | SP, GS, Burner Assembly, Compact (refer to Figure 3 on page 17 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                |
|             | 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                |
| 156         | SP, 10X Gasket, Burner<br>Kit consists of:<br>Gasket, Burner (qty. 10)  |                           | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592487                |
| 160         | SP, GS, Gasket, Burner (refer to Figure 3 on page 17 for details) Kit consists of: Gasket, burner (qty. 1) Gasket, burner-blower (qty. 1) Screw, M6×12, hex-head (qty. 10) Nut, nylon lock, M5 (qty. 4)   |                           | 1     | 1      | 1      | 2      | 2      | 3      | 4      | 2584512                |
| 165         | SP, GS, Switch, Tank Hi-Limit<br>Kit consists of:<br>Switch, temperature (qty. 1)<br>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<br>Kit consists of:<br>Assembly, blower with valve, pre-mix (qty. 1)<br>Gasket, burner-blower (qty. 1)<br>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<br>(refer to Figure 4 on page 18 for details)<br>Kit consists of:<br>Assembly, blower with valve (qty. 1)<br>Gasket, burner-blower (qty. 1)  | 120 V, 210 kBTU (61.5 kW) | -     | _      | 1      | -      | 2      | 3      | 4      | 2586136                |

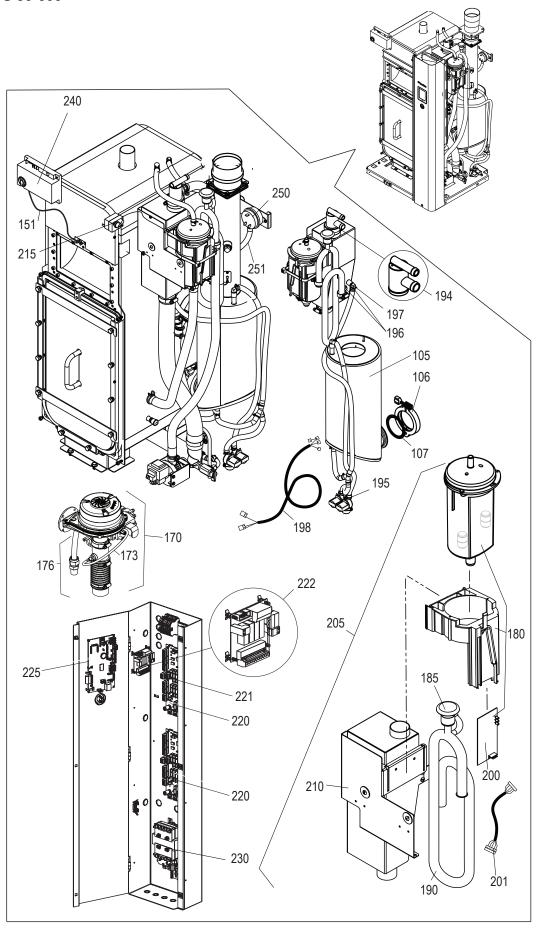


Figure 2: Nortec GS 100 Humidifier, Plumbing and Electrical.

| Item<br>No. | Item Description   | Details                | GS 50 | GS 100 | GS 150 | GS 200 | GS 300 | GS 450 | GS 600 | Condair Part<br>Number |
|-------------|--|------------------------|-------|--------|--------|--------|--------|--------|--------|------------------------|
| 171         | SP, GS, Link Tube, Blower Burner 23-45 kg/h<br>Kit consists of:<br>Tube, link (qty. 1)<br>Gasket, burner blower (qty. 2)<br>Nut (qty. 4)<br>Screw, hexhead M5x16 (qty. 4)  |                        | 1     | 1      | -      | -      | -      | -      | -      | 2593546                |
|             | SP, GS, Link Tube, Blower Burner 65 kg/h<br>Kit consists of:<br>Tube, link (qty. 1)<br>Gasket, burner blower (qty. 2)<br>Nut (qty. 4)<br>Screw, hexhead M5x16 (qty. 4)   |                        | -     | _      | 1      | 2      | 2      | 3      | 4      | 2593547                |
| 172         | SP, 20X Gasket, Burner Blower 24 V<br>Kit consists of:<br>Gasket (qty. 20)   |                        | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592489                |
| 173         | SP, Tube, 24 in, 1/4 in OD, 1/8 in ID Blue<br>Kit consists of:<br>Tube, 24 in (qty. 1)   |                        | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592485                |
| 174         | SP, Hose, Blower 2 in ID Kit consists of: Hose, duct PVC (qty. 1) Clamps, gear (qty. 2)  |                        | -     | -      | 1      | 2      | 2      | 3      | 4      | 2593548                |
| 175         | SP, GS, Flexible Hose, Gas, Compact<br>Kit consists of:<br>Hose, flex gas, 1/2 in (13 mm) I.D.<br>× 16 in (406 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                |
| 176         | SP, Connector, Blower Air, 23-45 kg/h Kit consists of: Hose, flex gas connect (qty. 1) Hose, duct 2 in ID PVC (qty. 1) Air intake, 2 in dia, GS blower (qty. 1) Clamp, worm-drive (qty. 3) Tube, 10 in, 1/4 in ID 1/8 OD, blue (qty. 1) Tube, connector, blower air assembly (qty. 1) Fitting, gas, 0.5 in NPT |                        | 1     | 1      | -      | -      | -      | -      | -      | 2593545                |
| N/S         | SP, Rectifier, 600 V 25 A Kit consists of: Rectifier (qty. 1)  |                        | 1     | 1      | -      | 2      | -      | -      | -      | 2585377                |
| 180         | SP, GS, Float Chamber Sleeve (refer to Figure 4 on page 18 for details) Kit consists of: Mounting bracket, float chamber (qty. 1) Float board (qty. 1)   |                        | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2584508                |
| 185         | SP, GS, Valve, Vacuum Break<br>Kit consists of:<br>Valve, vacuum break, 1/2 in NPT (qty. 1)  | (included in item 205) | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 1505959                |
| 190         | SP, GS, Drain Trap Kit consists of: Valve, vacuum break, 1/2 in NPT (qty. 1) Screws, mounting (qty. 2) Trap (qty. 1)   |                        | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2593551                |
| 194         | SP, GS, Fill Box Adapter Kits consist of: Adapter, fill box (qty. 1)   |                        | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2593552                |

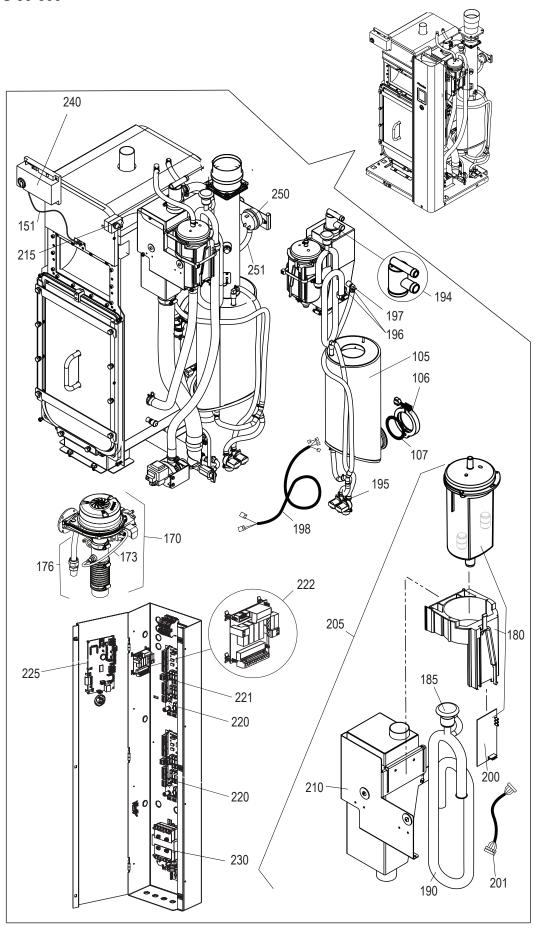


Figure 2: Nortec GS 100 Humidifier, Plumbing and Electrical. .

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

| Item<br>No. | Item Description  | Details                                     | GS 50 | GS 100 | GS 150 | GS 200 | GS 300 | GS 450 | GS 600 | Condair Part<br>Number |
|-------------|---|---|-------|--------|--------|--------|--------|--------|--------|------------------------|
| 195         | SP, GS, Fill Valve, Dual Solenoid, Compact<br>Kits consist of:<br>Valve , fill (qty. 1)<br>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                |
| 196         | SP, 10X Fitting, Plug .125 NPT<br>Kit consists of:<br>Fitting, Plug, .125 NPT Brass (qty. 10)   |   | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592475                |
| 197         | SP, 10X FTG Elbow, Barbed Kit consists of: Fitting, EL, Hose, Barbed, .375in x .125 NPTM (qty. 10)  |   | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592476                |
| 198         | SP, Inlet Valve Cable Kit consists of: Wire harness, fill valve (qty. 1)  |   | 1     | 1      | 1      | 1      | 1      | 2      | 2      | 2593553                |
| 200         | SP, GS, Float Board, GS/SE/NHDI/NHSC (refer to Figure 4 on page 18 for details)   | (included in item 180)                      | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2573846                |
| 201         | Float Board Cable Kit consists of: Wire harness, float level (qty. 1)   |   | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2593554                |
| 205         | SP, GS, Fill Box Assembly (with floats) (refer to Figure 4 on page 18 for details) Kit consists of: Assembly, fill box (qty. 1) – includes fill box weldment, tubes, traps, washers, vacuum break, and floats Screw #8-32 x 0.5 TA (qty. 2) Washer 0.197 in (5 mm) I.D. x 0.50 in (13 mm) O.D. (qty. 4) Washer, 3/16 in (5 mm) I.D. x 1 in (25 mm) O.D. (qty. 2)  |   | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2584487                |
| 210         | SP, GS, Fill Box, Body (no floats) (refer to Figure 4 on page 18 for details) Kit consists of: Body, fill box (qty. 1) – with hoses and fittings, but without floats Weldment, fill box (qty. 1) Screw, #8-32 x 0.5 TA (qty. 2) Washer, 0.197 in (5 mm) I.D. x 0.5 in (13 mm) O.D. (qty. 4) Washer, 3/16 in (5 mm) I.D. x 1 in (25 mm) O.D. (qty. 2) Clamp, worm drive 1.56-2.5 in (40-64 mm) (qty. 1) Fitting, hose, barbed (qty. 1) Fitting, plug, brass (qty. 1) |   | _     | -      | _      | -      | _      | 1      | 1      | 2584486                |
| 215         | SP, GS, Switch, Stack Hi-Limit, 160 °F (71 °C) (refer to Figure 4 on page 18 for details) Kit consists of: Sensor, high limit, (qty. 1) Grommet (qty. 1) Screw, #6-32 × 1/2 in (qty. 2) Bracket (qty. 1) Retainer, bolt (qty. 2)  | Model CS/NX                                 | 1     | 1      | 1      | 1      | 1      | 2      | 2      | 2584499                |
|             | SP, GS, Switch, Stack Hi-Limit, 320 °F (160 °C) Sensor, high limit, (qty. 1) Gasket (qty. 1) Screw, #6-32 × 1/2 in (qty. 2) Bracket (qty. 1) Retaining ring (qty. 2)  |   | 1     | 1      | 1      | 1      | 1      | 2      | 2      | 2584498                |
| 220         | SP, GS, Driver Board, GS Kit consists of: Driver board and supports   |   | 1     | 1      | 1      | 1      | 1      | 2      | 2      | 2584709                |
| 221         | SP, GS, Relay (general purpose) Kit consists of: Relay, general purpose (qty. 2)  |   | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2588535                |

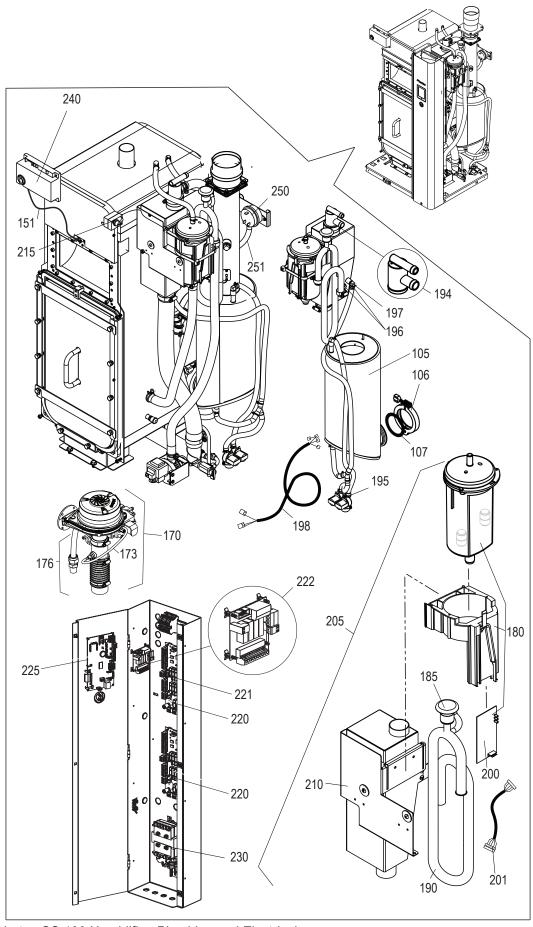


Figure 2: Nortec GS 100 Humidifier, Plumbing and Electrical.

| ltem<br>No. | Item Description  | Details          | GS 50 | GS 100 | GS 150 | GS 200 | GS 300 | GS 450 | GS 600 | Condair Par<br>Number |
|-------------|---|------------------|-------|--------|--------|--------|--------|--------|--------|-----------------------|
| 222         | SP, Remote Fault Indication Board Kit consists of: Basic Fault Remote PCB (qty. 1) Cable, ribbon 10 pin (qty. 1) Standoff, support (qty. 4) |                  | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2574171               |
| 225         | SP, GS, Integrated Control Board<br>Kit consists of:<br>Screw, M3x8 (qty. 6)  |                  | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2584708               |
| 230         | SP, Transformer, 240 V pri, 120/24 V sec, 250 VA<br>Kit consists of:<br>Transformer (qty. 1)  |                  | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592481               |
|             | SP, Transformer, 120/240Vpri, 24V sec, 150 VA<br>Kits consists of:<br>Transformer (qty. 1)  |                  | -     | -      | 1      | -      | 1      | 1      | 1      | 2593555               |
| 240         | SP, GS, Ignition Module, 23, 45, 90 kg/h<br>Kits consists of:<br>Module, ignition (qty. 1)  |                  | 1     | 1      | -      | 2      | -      | -      | -      | 2593558               |
|             | SP, GS, Ignition Module, 65, 130, 195, 260 kg/h<br>Kits consists of:<br>Module, ignition (qty. 1)   |                  | -     | -      | 1      | -      | 2      | 3      | 4      | 2593559               |
| 245         | SP, Hose, 3 in ID<br>Kits consists of:<br>Hose, 10 in, 3 in ID (qty. 1)   |                  | -     | -      | 1      | 1      | 1      | -      | _      | 2525659               |
|             | SP, Hose, 4 in ID Kits consists of: Hose, 10 in, 4 in ID (qty. 1)   |                  | -     | -      | -      | -      | -      | 1      | 1      | 2525660               |
| 250         | SP, Switch, Air Proving 1.0 in W.C. Kits consists of: Switch, air proving diff, 1.0 in WC (qty. 1)  |                  | 2     | 2      | -      | 2      | -      | -      | _      | 2593549               |
|             | SP, Switch, Air Proving 3.0 in W.C. Kits consists of: Switch, air proving diff, 3.0 in WC (qty. 1)  |                  | -     | _      | 2      | _      | 2      | 2      | 2      | 2593550               |
| 251         | SP, Tubing, Silicon, 0.188 x 30 in<br>Kit consists of:<br>Tube 0.188 in ID, 30 in (qty. 1)  |                  | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2593561               |
| 255         | SP, GS Triple, Quad Exhaust Tube Assembly<br>Kit consists of:<br>Assembly, Exhaust Tube (qty. 1)  |                  | -     | -      | -      | _      | -      | 1      | 1      | 2592491               |
| 260         | SP, GS Exhaust Set, Indoor, Quad<br>Kit consists of:<br>Assembly, Exhaust Tube (qty. 1)   | Model CS/NX only | -     | -      | -      | -      | -      | _      | 1      | 2592492               |
| 265         | SP, Clamp, T-bolt, 82.6 mm Nominal Dia.<br>Kit consists of:<br>Clamp, T-bolt (qty. 4)   |                  | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592494               |
| 270         | SP, GS Exhaust Header, 200 300 lb/h<br>Kit consists of:<br>Header, exhaust (qty. 1)<br>Screw (qty. 8)<br>Nut (qty. 8)<br>Gasket (qty. 2)    |                  | -     | -      | -      | 1      | 1      | -      | _      | 2593560               |
|             | SP, GS Exhaust Header, 450 lb/h   |                  | -     | -      | -      | -      | -      | 1      | -      | 2593557               |
|             | SP, GS Exhaust Header, 600 lb/h   |                  | -     | -      | -      | -      | -      | -      | 1      | 2593556               |
| N/S         | SP, 20X Screw, 10-32x0.5 in<br>Kit consists of:<br>Screw, Machine, 10-32x0.5 in (qty. 20)   |                  | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592482               |
| N/S         | SP, 10X Screw, M4x10<br>Kit consists of:<br>Screw, Machine, M4x10 (qty. 10)   |                  | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592483               |
| N/S         | SP, 10X O-ring, .9375x.103 in, Sil<br>Kit consists of:<br>O-ring (qty. 10)  |                  | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592484               |
| N/S         | SP, Tube, 24 in, 1/4 in OD, 1/8 in ID Blue<br>Kit consists of:<br>Tube, 24 in (qty. 1)  |                  | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592485               |

| Item<br>No. | Item Description  | Details | GS 50 | GS 100 | GS 150 | GS 200 | GS 300 | GS 450 | GS 600 | Condair Part<br>Number |
|-------------|---|---------|-------|--------|--------|--------|--------|--------|--------|------------------------|
| N/S         | SP, 10X Gasket, HX Comb Chamber Flange<br>Kit consists of:<br>Gasket, Flange (qty. 10)              |         | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592486                |
| N/S         | SP, 10X Gasket, Burner<br>Kit consists of:<br>Gasket, Burner (qty. 10)                              |         | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592487                |
| N/S         | SP, 20X Gasket, HX Exhaust Flange<br>Kit consists of:<br>Gasket, Flange (qty. 20)                   |         | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592488                |
| N/S         | SP, 20X Gasket, Burner Blower 24 V<br>Kit consists of:<br>Gasket (qty. 20)                          |         | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592489                |
| N/S         | SP, 10X Gasket, Sanitary Flange, 3 in, Sil<br>Kit consists of:<br>Gasket, Sanitary Flange (qty. 10) |         | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592490                |
| N/S         | SP, Clamp, Wing Nut, Sanitary, 3 in, 304 SST<br>Kit consists of:<br>Clamp, Wing Nut (qty. 1)        |         | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 2592493                |

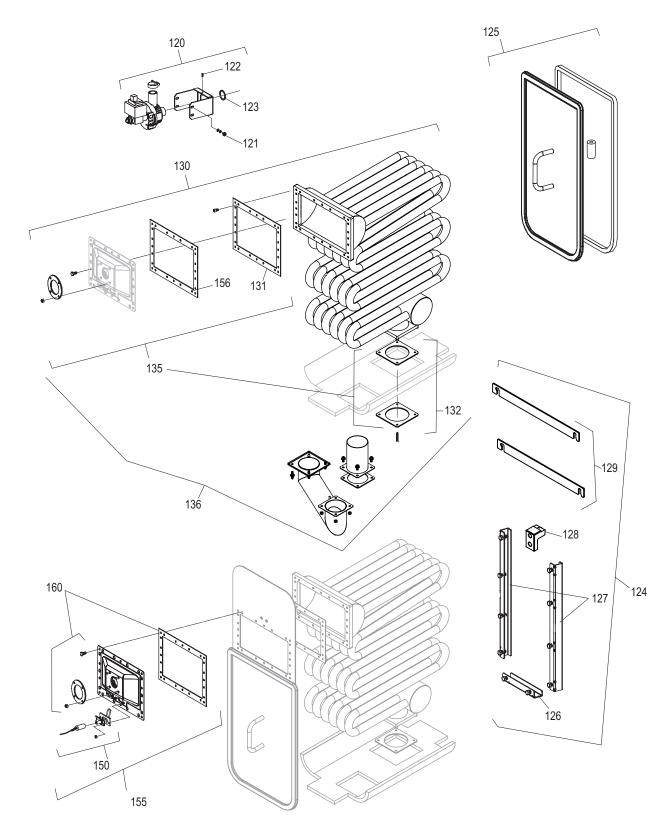


Figure 3: Nortec GS Humidifier, Kit Details Note: Greyed out items are not a part of the kits.

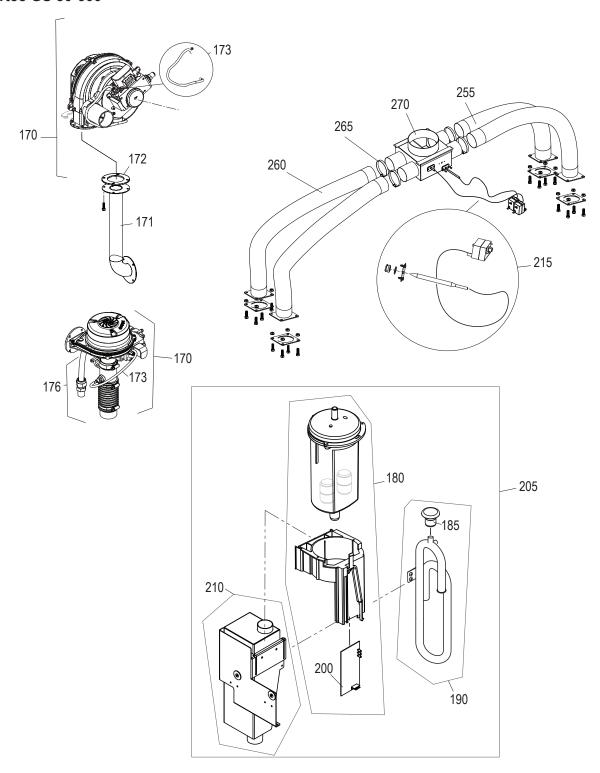
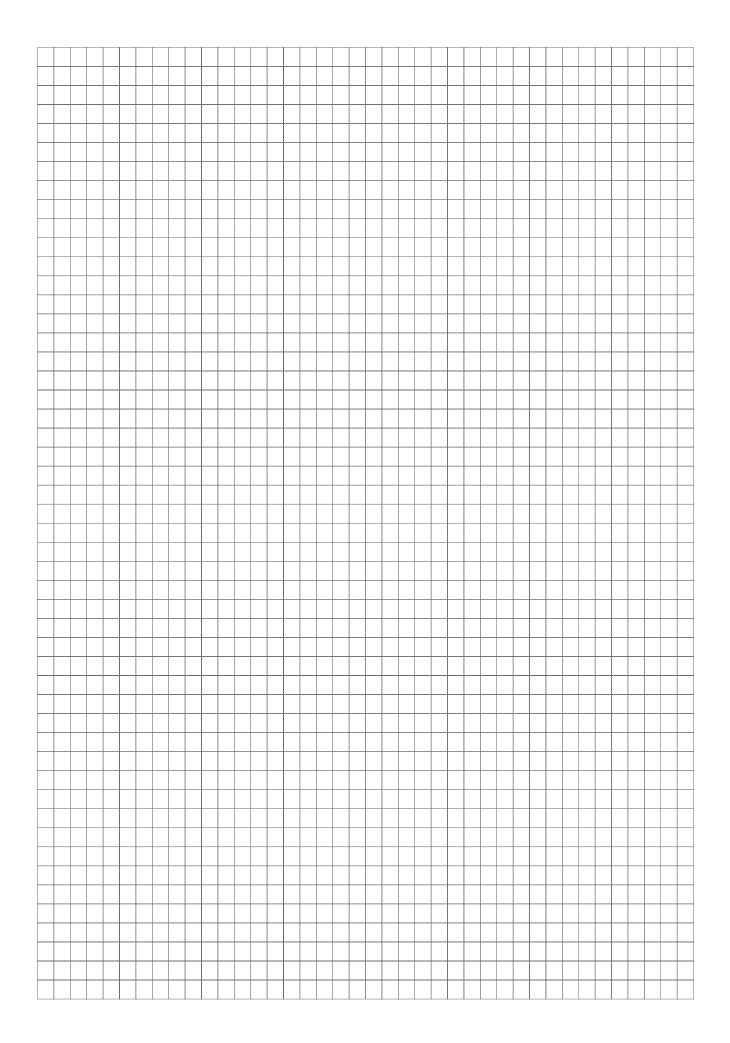


Figure 4: Nortec GS Humidifier, Kit Details, continued...

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



#### Warranty

Condair Inc. and/or Condair 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. 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, providing the defective part(s) is returned freight prepaid by the customer. Parts used for repairs 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 parts or materials that are considered consumables, including but not limited to: cylinders, filters, nozzles, membranes, media, gaskets, O-rings, etc. are NOT covered by the warranty.

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 resulting from freezing of the humidifier, supply lines, drain lines, or quality of the water used.

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

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

#### **Extended Warranty**

Extended warranties are available to purchase under the conditions listed above.







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