

GHLD SPECIFICATIONS

| MODEL | FLOW SCFM @ 100 PSIG | MAXIMUM PRESSURE PSIG | AVAILABLE VOLTAGES | IN/OUT CONNECTIONS NPT | PURGE RATE | DIMENSIONS INCHES | | | WEIGHT LBS | REPLACEMENT DESICCANT LBS |
|----------|----------------------|-----------------------|---------------------|--------------------------------------|------------|-------------------|-------|-------|------------|---------------------------|
| | | | | | | HEIGHT | WIDTH | DEPTH | | |
| GHLD25 | 25 | 150 | 120/1/60 (standard) | 1/2" | 3.8 | 33 | 40 | 10 | 217 | 25 |
| GHLD35 | 35 | 150 | | 1/2" | 5.3 | 33 | 40 | 10 | 223 | 35 |
| GHLD50 | 50 | 150 | | 3/4" | 7.5 | 49 | 42 | 10 | 353 | 50 |
| GHLD75 | 75 | 150 | | 1" | 11 | 65 | 52 | 12 | 509 | 75 |
| GHLD100 | 100 | 150 | | 1" | 15 | 65 | 52 | 12 | 539 | 100 |
| GHLD125 | 125 | 150 | | 1" | 19 | 65 | 52 | 12 | 565 | 125 |
| GHLD175 | 175 | 150 | | 1 1/2" | 26 | 67 | 55 | 16 | 674 | 175 |
| GHLD250 | 250 | 150 | | 1 1/2" | 38 | 67 | 57 | 17 | 760 | 250 |
| GHLD350 | 350 | 150 | | 1 1/2" | 53 | 68 | 59 | 20 | 1180 | 350 |
| GHLD500 | 500 | 150 | | 12Volt 24Volt All Pneumatic | 2" | 75 | 77 | 22 | 1273 | 500 |
| GHLD650 | 650 | 150 | 2" | | 97 | 85 | 27 | 1496 | 650 | |
| GHLD800 | 800 | 150 | 3" | | 120 | 79 | 32 | 2410 | 800 | |
| GHLD1000 | 1000 | 150 | 3" | | 150 | 88 | 32 | 2590 | 1000 | |
| GHLD1250 | 1250 | 150 | 3" | | 188 | 82 | 40 | 2947 | 1250 | |
| GHLD1400 | 1400 | 150 | 3" | | 210 | 82 | 40 | 3370 | 1400 | |
| GHLD1600 | 1600 | 150 | 4" Flange | | 240 | 98 | 43 | 3970 | 1600 | |
| GHLD1800 | 1800 | 150 | 4" Flange | | 270 | 100 | 43 | 4635 | 1800 | |
| GHLD2000 | 2000 | 150 | 4" Flange | | 300 | 112 | 48 | 4920 | 2000 | |
| GHLD2250 | 2250 | 150 | 4" Flange | | 337 | 114 | 48 | 5443 | 2250 | |

Capacity = SCFM @ 100°F inlet, 100°F ambient and 100 PSIG. Purge rates reflect 100% loaded systems and/or systems with Dewpoint Demand Control. Dimensions and specifications are subject to change without notice.

NON-STANDARD CONDITION CAPACITY CORRECTION

| | INLET TEMPERATURE °F | 90 | | | 100 | | | 110 | | | 120 | | |
|--------------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 90 | 100 | 110 | 90 | 100 | 110 | 90 | 100 | 110 | 90 | 100 | 110 |
| INLET AIR PRESSURE | 70 psig | 1.00 | 0.92 | 0.84 | 0.8 | 0.73 | 0.67 | 0.66 | 0.6 | 0.55 | 0.5 | 0.45 | 0.41 |
| | 80 psig | 1.12 | 1.03 | 0.94 | 0.9 | 0.82 | 0.75 | 0.73 | 0.67 | 0.61 | 0.55 | 0.51 | 0.46 |
| | 90 psig | 1.24 | 1.14 | 1.04 | 0.99 | 0.91 | 0.83 | 0.81 | 0.75 | 0.68 | 0.61 | 0.56 | 0.51 |
| | 100 psig | 1.36 | 1.25 | 1.13 | 1.09 | 1.00 | 0.91 | 0.89 | 0.82 | 0.74 | 0.67 | 0.62 | 0.56 |
| | 110 psig | 1.48 | 1.36 | 1.23 | 1.18 | 1.08 | 0.99 | 0.97 | 0.89 | 0.81 | 0.73 | 0.67 | 0.61 |
| | 120 psig | 1.6 | 1.46 | 1.33 | 1.28 | 1.17 | 1.06 | 1.04 | 0.96 | 0.87 | 0.79 | 0.72 | 0.66 |
| | 130 psig | 1.72 | 1.57 | 1.43 | 1.37 | 1.26 | 1.14 | 1.12 | 1.03 | 0.94 | 0.85 | 0.78 | 0.71 |
| | 140 psig | 1.83 | 1.68 | 1.53 | 1.47 | 1.35 | 1.22 | 1.2 | 1.10 | 1.00 | 0.91 | 0.83 | 0.76 |
| | 150 psig | 1.95 | 1.79 | 1.63 | 1.56 | 1.43 | 1.3 | 1.28 | 1.17 | 1.07 | 0.97 | 0.89 | 0.81 |

To obtain flow capacities at conditions other than standard (SCFM @ 100 PSIG, 100°F Inlet & 100°F Ambient), locate the multiplier at the interception of actual operating conditions. Multiply the rated capacity of the selected dryer by the selected multiplier. The result is the corrected flow capacity of that dryer under corrected conditions. Flow rates in excess of design due to capacity correction can result in increased pressure drop.