

SET-UP INSTRUCTIONS

- Ensure the Precision Flow and Q50 are unplugged.
- Mount the compressor as needed.
- Attach one end of the air hose to the DISS fitting on the Q50 Compressor and the other to the DISS fitting on the back of the Precision Flow.
- Connect oxygen supply, if needed, and pressurize.
- Plug in and toggle the on/off switch on the back of the Q50 compressor.
- Plug in the Precision Flow.

PRE-OPERATION CHECK

Check or verify that:

- The power supply is appropriate for Q50 power requirements.
- The Precision Flow is powered off and unplugged.
- The air hose is securely connected to Q50 and Precision Flow.
- The oxygen hose, if needed, is connected to oxygen source and Precision Flow, and the source is pressurized.
- The Q50 water bottle and Precision Flow water traps are empty.
- The Q50 air intake on back of unit and exhaust on bottom of unit are unobstructed.

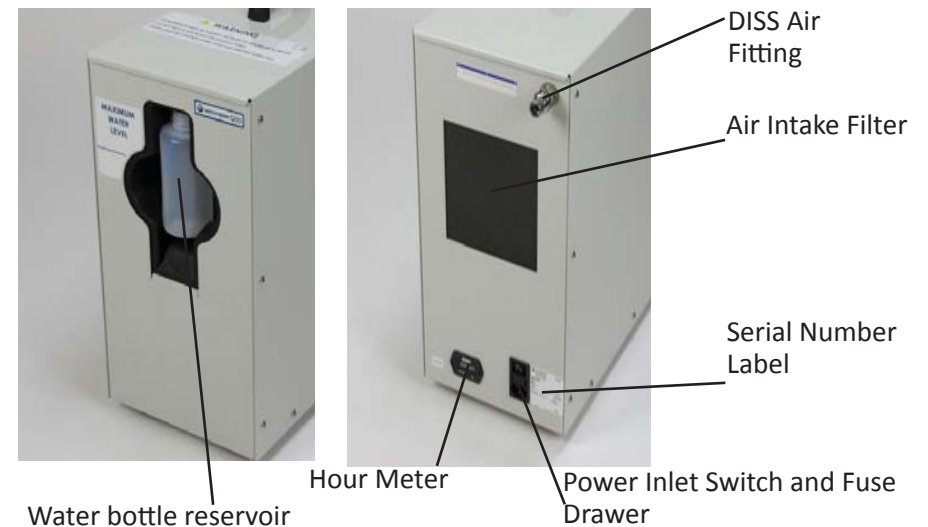
RUNNING

- Check the water bottle and Precision Flow water trap once per shift.
- Remove and clean air intake filter once per week.

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QUICK REFERENCE GUIDE



This guide provides you with basic instructions on how to set up and operate the Vapotherm Q50 Compressor. The Vapotherm Q50 compressor should only be used with the Vapotherm Precision Flow.

Do not block or restrict the air exhaust underneath the compressor. This could result in failure to deliver therapy as intended. When the unit is placed on the floor, be sure that any flooring, such as carpet, does not restrict the air exhaust. Do not remove the compressor feet.

| FiO ₂ (%) | Maximum Precision Flow Rate (L/min) | | | | | | | | |
|----------------------|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Sea | 1,000 | 2,000 | 3,000 | 4,000 | 5,000 | 6,000 | 7,000 | 8,000 |
| | Level | ft | ft | ft | ft | ft | ft | ft | ft |
| 21% | 35 | 34 | 32 | 31 | 30 | 29 | 28 | 26 | 25 |
| 22% | 35 | 34 | 33 | 31 | 30 | 29 | 28 | 27 | 26 |
| 23% | 35 | 34 | 33 | 32 | 31 | 29 | 28 | 27 | 26 |
| 24% | 36 | 35 | 33 | 32 | 31 | 30 | 29 | 27 | 26 |
| 25% | 36 | 35 | 34 | 33 | 31 | 30 | 29 | 28 | 27 |
| 26% | 37 | 36 | 34 | 33 | 32 | 31 | 29 | 28 | 27 |
| 27% | 37 | 36 | 35 | 34 | 32 | 31 | 30 | 29 | 28 |
| 28% | 38 | 37 | 35 | 34 | 33 | 31 | 30 | 29 | 28 |
| 29% | 38 | 37 | 36 | 34 | 33 | 32 | 31 | 29 | 28 |
| 30% | 39 | 38 | 36 | 35 | 34 | 32 | 31 | 30 | 29 |
| 31% | 40 | 38 | 37 | 35 | 34 | 33 | 32 | 30 | 29 |
| 32% | 40 | 39 | 37 | 36 | 35 | 33 | 32 | 31 | 30 |
| 33% | 40 | 39 | 38 | 37 | 35 | 34 | 33 | 31 | 30 |
| 34% | 40 | 40 | 39 | 37 | 36 | 34 | 33 | 32 | 31 |
| 35% | 40 | 40 | 39 | 38 | 36 | 35 | 34 | 32 | 31 |
| 36% | 40 | 40 | 40 | 38 | 37 | 35 | 34 | 33 | 32 |
| 37% | 40 | 40 | 40 | 39 | 37 | 36 | 35 | 33 | 32 |
| 38% | 40 | 40 | 40 | 40 | 38 | 37 | 35 | 34 | 33 |
| 39% | 40 | 40 | 40 | 40 | 39 | 37 | 36 | 34 | 33 |
| 40% | 40 | 40 | 40 | 40 | 39 | 38 | 36 | 35 | 34 |
| 41% | 40 | 40 | 40 | 40 | 40 | 38 | 37 | 36 | 34 |
| 42% | 40 | 40 | 40 | 40 | 40 | 39 | 38 | 36 | 35 |
| 43% | 40 | 40 | 40 | 40 | 40 | 40 | 38 | 37 | 35 |
| 44% | 40 | 40 | 40 | 40 | 40 | 40 | 39 | 37 | 36 |
| 45% | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 38 | 37 |
| 46% | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 39 | 37 |
| 47% | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 38 |
| 48% | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 39 |
| 49% | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 50% or Greater | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |

HIGH ALTITUDE CONSIDERATIONS

- The specifications provided in the Instructions for Use are for sea level conditions, unless otherwise noted.
- The density of air is lower at higher altitudes and has an impact on the flow capacity of the compressor.
- This table provides guidance for operating at higher altitudes.
- Operating above the flow rates shown for a given altitude and FiO₂ level may result in condensation or water collecting in the water trap on the back of the Precision Flow device.
- Monitor the water trap regularly and empty the trap if necessary to prevent possible water entrainment into the Precision Flow.