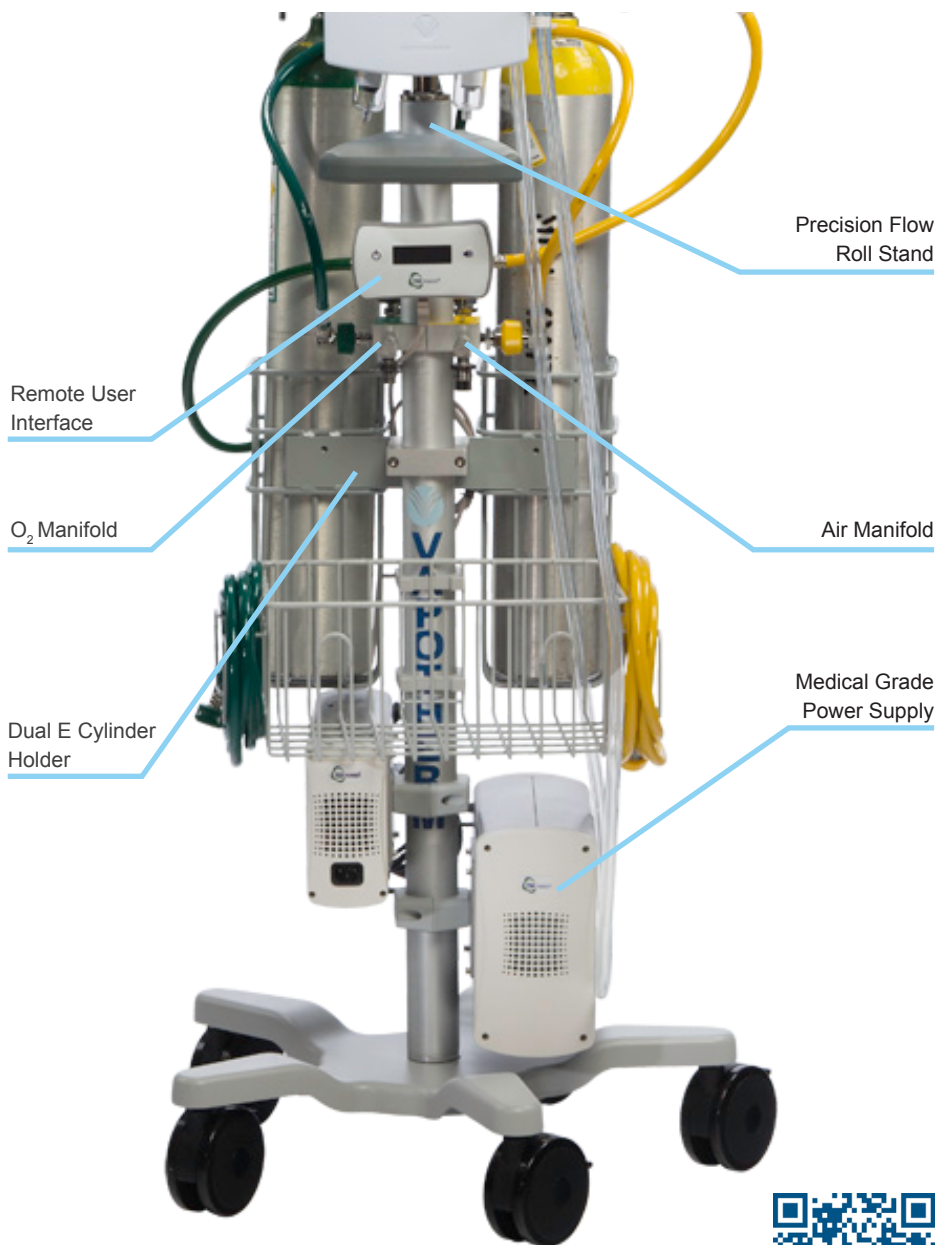




# VAPOTHERM® Transfer Unit

## QUICK REFERENCE GUIDE



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



# VTU MOBILE THERAPY DELIVERY TIMES

## LOW FLOW DISPOSABLE PATIENT CIRCUIT

(Duration of use blending from E-size oxygen and E-size air cylinders; times shown in minutes).

TOTAL FLOW L/ MIN	% OXYGEN								
	21%	30%	35%	50%	60%	70%	80%	90%	100%
1	560	632	681	681	1106	903	750	641	560
2	280	316	340	340	553	451	375	321	280
3	187	211	226	226	369	301	250	214	187
4	140	158	170	170	277	226	187	160	140
5	112	126	136	136	221	181	150	128	112
6	93	105	113	113	184	150	125	107	93
7	80	90	97	97	158	129	107	92	80
8	70	79	85	85	138	113	94	80	70

## CLINICAL USE

When transferring a patient between care areas you may swap the disposable patient circuit from the VTU to a stationary Precision Flow unit.

## CARE AREAS

The VTU may be used to transfer patients within acute-care medical environments for which the Precision Flow is cleared.

**Warning:** These mobile run time estimates are based on use of a 2000-psi E cylinder. Actual performance may vary depending on the amount of gas in the cylinders.

## HIGH FLOW DISPOSABLE PATIENT CIRCUIT

(Duration of use blending from E-size oxygen and E-size air cylinders; times shown in minutes).

TOTAL FLOW L/MIN	% OXYGEN								
	21%	30%	35%	50%	60%	70%	80%	90%	100%
5	112	126	136	136	221	181	150	128	112
6	93	105	113	113	184	150	125	107	93
7	80	90	97	97	158	129	107	92	80
8	70	79	85	85	138	113	94	80	70
9	62	70	76	76	123	100	83	71	62
10	56	63	68	68	111	90	75	64	56
15	37	42	45	45	74	60	50	43	37
20	28	32	34	34	55	45	37	32	28
25	22	25	27	27	44	36	30	26	22
30	19	21	23	23	37	30	25	21	19
40	14	16	17	17	28	23	19	16	14

The Vapotherm Transfer Unit (VTU) allows the mobile delivery of high-flow humidified respiratory therapy within a hospital environment. With a fully charged battery module and filled gas supply tanks, the duration of available mobile therapy depends on 2 factors:

- **Tank gas supply:** Mobile run time will vary depending on the O<sub>2</sub>/air blend and flow rate settings on the Precision Flow.
- **Battery life:** Up to 1 hour from a full charge. Do not leave the battery charging for a prolonged period of time to avoid adverse battery performance by overcharging. Leaving the batteries fully discharged for long periods of time **DOES** adversely affect battery performance. For long term storage, remove the cables from the battery after it has been fully charged. The battery should be charged at least once every 4 months.

## SET-UP INSTRUCTIONS

- ▶ Connect the **VT UNIT** 18-inch air hose to the air (AIR) filter trap, and the **VT UNIT** 18-inch oxygen hose to the oxygen (O<sub>2</sub>) filter trap on the Precision Flow.
- ▶ Attach second 18-inch air/ O<sub>2</sub> hoses to the **TANK DISS** connectors on the air/ O<sub>2</sub> manifold.
- ▶ Attach the 10-foot air/ O<sub>2</sub> hoses to the **WALL DISS** connectors on the air/ O<sub>2</sub> manifold.




## SWITCHING GAS AND POWER SOURCES

1. Confirm the Precision Flow therapy settings.
2. Open the oxygen and air E cylinders and confirm that the tanks contain adequate gas supply.

**Warning: Do not attempt to transfer a patient with  $\leq 400$  psi in either tank.**

3. Disconnect the oxygen and air hoses from the wall gas supply.
4. Unplug the power cord from the Astrodyne-TDI power supply and store securely on the unit.
5. Transfer patient to desired location within the hospital.
6. At destination:
  - Connect the oxygen and air hoses to the wall gas supply
  - Close the oxygen and air E cylinders
  - Plug the Astrodyne-TDI power supply into a hospital-grade outlet.

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