

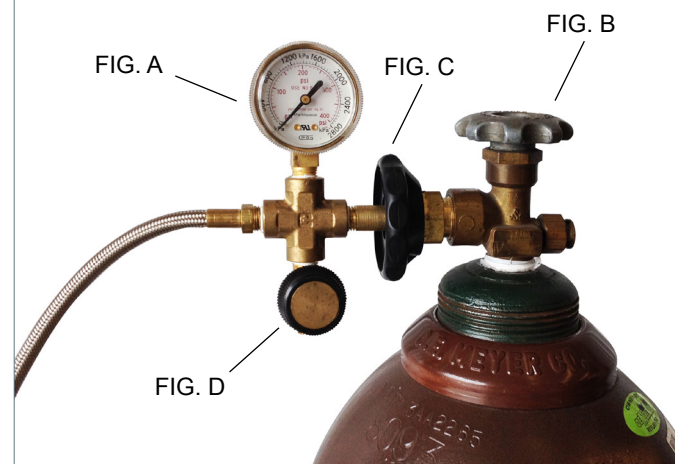
TR1 helium transfilling instructions



Use this step-by-step guide to ensure complete and successful transfilling of helium each and every time. Complete transfilling should only take a couple of minutes, depending on the size of the cylinder you're filling and the pressure in the tank.

TO TRANSFILL HELIUM FROM LARGER TANK

1. Attach a full helium tank to the TR1 unit securely, as shown in the top photo directly to the right.
2. Attach the smaller tank you're filling to the TR1 unit using the hand tight connector.
3. Open the valve on the small tank you're filling. If there is any pressure in the cylinder, it will register on the pressure gauge. [FIG A.] This is the starting pressure.
4. Slowly open valve [FIG. B] on the large cylinder.
5. Open the transfiller valve [FIG. C] to begin helium flow. Keep valve open until the gauge on the transfiller reaches 1800 PSI.
6. Close the transfiller valve.
7. Close the valve on the smaller tank you've just filled.
8. Open the bleeder valve [FIG. D] to let trapped helium escape.
9. Unhook, remove newly filled tank from hand tight connection.
10. Close the bleeder valve.



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Zephyr supplies helium and related equipment to retail chains and high-volume stores all over the world and is the only wholesale helium supplier with a national distribution network throughout all 50 United States. This allows us to offer our customers a level of flexibility that is unmatched by any other supplier and it gives us the ability to deliver helium to geographic areas that our competitors simply cannot reach. Through this expansive distributor network, Zephyr has always been able to provide an uninterrupted supply of helium- even during shortages when other major suppliers ran empty. [Get an online helium quote from us here!](#)

Helium cylinder transfill data guide



The following chart describes the number of small cylinders that can be filled or refilled from the larger helium supply cylinders.

No. of supply cylinders	Cylinder being filled is...	8 cf 2015 PSI	14 cf 2015 PSI	24 cf 2015 PSI	27 cf 1800 PSI	55 cf 1800 PSI	125 cf 1800 PSI
1	Empty	7	4	2	3	1	0
	@ 500 PDI	9	5	3	4	2	0
2	Empty	25	15	9	10	5	0
	@ 500 PDI	31	18	11	13	6	1
3	Empty	45	27	16	18	9	1
	@ 500 PDI	53	32	19	23	11	2
4	Empty	65	39	23	26	12	2
	@ 500 PDI	77	46	28	32	15	3
6	Empty	106	63	38	41	20	4
	@ 500 PDI	124	74	45	51	25	5

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