



Guidelines for Maximum Shipping Weights for Recovered Refrigerant Containers

Cylinder Size	30 lb.	EZ One Shot 30 lb.	40 lb.	50 lb.*	125 lb.	1/2 ton	ton
Water Capacity	26.2 lbs.	29.7 lbs.	38.1 lbs.	47.7 lbs.	123 lbs.	1,000 lbs.	1,600 lbs.

*includes 50F and 50HP

MAXIMUM REFRIGERANT WEIGHT ALLOWED

R-12 *	27	31	40	50	129	1049	1678
R-22 *	25	28	36	45	117	953	1524
R-500 *	24	27	35	44	112	913	1461
R-502 *	25	29	37	46	119	971	1554
R-507A **	22	25	32	40	103	838	1341
R-114 *	30	35	44	56	143	1164	1862
R-124 *	28	32	41	52	133	1084	1734
R-134a *	25	29	37	46	119	966	1545
R-401A *	25	28	36	45	117	952	1523
R-401B *	25	28	36	45	117	951	1522
R-402A ***	24	27	35	44	113	917	1467
R-402B **	24	27	35	44	113	920	1472
R-403B **	23	26	34	42	109	888	1421
R-404A **	22	25	32	40	103	835	1336
R-406A *	23	26	34	42	108	882	1411
R-407A **	24	27	35	44	113	916	1466
R-407C **	24	27	35	43	112	910	1456
R-407D *	24	28	35	44	114	929	1487
R-407F **	23	27	34	43	110	894	1430
R-408A **	22	25	32	40	104	848	1356
R-409A *	25	29	37	46	119	971	1554
R-410A ****	22	25	32	40	104	847	1355
R-414B *	25	29	37	46	119	971	1554
R-416A *	26	29	37	47	121	983	1572
R-417A *	24	27	35	44	113	921	1474
R-417C *	25	28	36	45	116	944	1510
R-422A **	24	27	35	43	111	908	1454
R-422B *	24	27	35	44	113	922	1476
R-422C **	24	27	35	44	113	915	1464
R-422D **	24	27	35	44	113	915	1464
R-422E **	24	27	35	44	114	926	1481
R-427A **	24	27	34	43	111	903	1445
R-438A **	24	27	35	44	113	917	1468

Minimum cylinder service pressure required (psig) for each different refrigerant is indicated above by *
 260 psig = * 300 psig = ** 350 psig = *** 400 psig = ****

Low Pressure Containers	Drum Size	Max Allowable Refrigerant Weight	Average Drum Tare Weight	Max Gross Shipping Weight
R-11, R-113, R-123	100 lbs.	90 lbs.	10 lbs.	100 lbs.
	200 lbs.	180 lbs.	20 lbs.	200 lbs.
	650 lbs.	585 lbs.	65 lbs.	650 lbs.

Very High Pressure Cylinders	RC9 avg tw 20		RC23 avg tw 30		RC80 avg tw 140	
	Recovered Refrigerant Weight + Tare Weight of Cylinder = Maximum Gross Shipping Weight					
	Ref Wt	Ship Wt	Ref Wt	Ship Wt	Ref Wt	Ship Wt
R-13	14	34	19	49	74	211
R-23	11	31	15	45	58	198
R-503	12	32	16	46	64	206
R-508B	12	32	17	47	65	205
R-13B1	17	37	12	52	89	229

IMPORTANT: Only nonflammable refrigerants from refrigeration and A/C systems will be accepted.

The tare weights listed in this guideline are only average weights. In order to determine actual gross shipping weight, the tare weight of each individual cylinder must be used. Always use a scale when filling any cylinder. **DO NOT OVERFILL**