

QVBC.SA12068

Commercial Refrigeration Recovery/Recycling Equipment Certified for Performance Characteristics in Accordance with the United States Clean Air Act

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CPS PRODUCTS INC

SA12068

1010 E 31st St
Hialeah, FL 33013-3522 USA

Certified for performance in accordance with EPA's Minimum Requirements for Recycling or Recovery Equipment.

Performance Data

Model Dsg	Refrigerant	Push/Pull Recovery Rate (kg/min)	Liquid Recovery Rate (kg/min)	Vapor Recovery Rate (kg/min)	Final Recovery Vacuum Level (kPa)	High Temp (40°C) Vapor Recovery Rate (kg/min)	Moisture Content (ppm by weight)	Chloride Ions (ppm by weight)	Acidity (ppm by weight)	High Boiling Residue (% by volume)	Particulates Solids Visual	Non-condensable Purge Loss (<3% by weight)	Refrigerant Loss, Weight %	Residual Trapped Refrigerant (kg)	*
CR-300, AR2700	R12	4.72	0.33	0.10	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.25	—
	R134A	4.34	0.33	0.09	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.25	—
	R22	4.12	0.20	0.10	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.25	—
	R500	3.99	0.25	0.10	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.25	—
	R502	3.75	0.23	0.13	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.25	—

CR-400, AR2700M	R12	4.72	0.33	0.10	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R134A	4.34	0.33	0.09	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R22	4.12	0.20	0.10	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R500	3.99	0.25	0.10	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R502	3.75	0.23	0.13	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
CR-500	R12	4.49	0.91	0.11	26.82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R134A	4.67	0.92	0.11	26.82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R22	5.03	1.24	0.13	36.98	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R500	5.17	1.01	0.12	26.82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R502	5.53	1.37	0.17	33.60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
CR-600	R12	4.30	1.18	0.10	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R134A	4.89	1.00	0.10	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R22	5.30	0.87	0.14	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R500	4.57	1.09	0.11	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
	R502	4.57	0.75	0.16	50.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.05	—
TR21, TRS21, TR22, TR600, TRS600, TR610, TR700, TR710	R22 (+)	14.30	4.02 (#)	0.271	67.73	0.390 (++)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.0071	N/A
	R410A (+)	14.38	5.42 (#)	0.319	60.96	0.370 (+++)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.0071	N/A
	R407C (+)	13.22	4.31 (#)	0.243	67.73	—	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.0071	N/A
	R134A (+)	11.64	3.54 (#)	0.228	67.73	—	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.0071	N/A
CR-700	R22 (+)	7.17	3.11	0.22	31.05	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R410A (+)	6.97	2.95	0.23	31.05	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	R407C (+)	7.0	2.74	0.21	29.67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R134A (+)	6.3	2.15	0.15	21.39	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TR19, TRS19, TR500, TR510	R22 (+)	11.00	3.16	0.141	46.10	0.127	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.0071	N/A
	R410A (+)	11.00	3.79	0.124	73.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.0071	N/A
	R407C (+)	10.71	3.01	0.145	53.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.0071	N/A
	R134A (+)	9.37	1.95	0.132	39.20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.0071	N/A

Note: (High temperature vapor flow rate Kg/min=0.242, Residual trapped refrigerant Kg=0.0071)

* Product identification, construction variations, ratings and performance data.

+ Represents refrigerants in Categories III, IV, V ARI-740 - 1998.

++ Rate of 0.445 kg/min achieved when water cooled accessory MT69 was used in a 35° F ice.

+++ Rate of 0.438 kg/min achieved when water cooled accessory MT69 was used in a 35° F ice.

(#) Rates shown for Model TR21 liquid recovery are for optional "high speed direct liquid" recovery method when the vapor ports are connected between the mixing chamber and the recovery tank. For normal liquid recovery: R22 is 3.34 kg/min, R410a is 3.66 kg/min, R407C is 3.42 kg/min, and R134a is 2.57 kg/min.

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