

# Vortex<sup>®</sup> Dual

## Refrigerant Recovery Machine

### THE MOST POWERFUL UNIT AVAILABLE WITH THE BEST WARRANTY IN THE INDUSTRY

Vortex Dual is INFICON's best refrigerant recovery machine yet! Complete your job with confidence knowing Vortex Dual will perform with industry-leading recovery rates and an unsurpassed three-year over-the-counter warranty. Vortex Dual is Laboratory Accurate. Toolbox Tough.<sup>®</sup>

THREE-YEAR  
WARRANTY

### FEATURES AT A GLANCE

- 1 HP dual piston compressor provides industry-leading recovery rates
- Micro-channel condenser provides exceptional heat exchange allowing Vortex Dual to maintain recovery rates throughout the entire recovery cycle
- Oversize fan provides exceptional cooling
- Simple two valve operation
- Full size protected gauges for both suction and tank pressure
- Self-purge without the need to change hoses
- Filter / dryer included
- Noise absorbing blow molded case
- Three-year over-the-counter replacement warranty



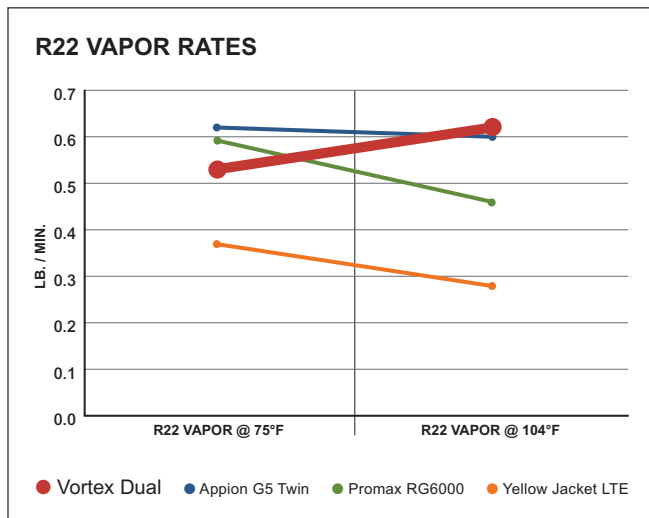
- 1 Shoulder strap (included) connecting point
- 2 Easy to read gauges
- 3 Durable metal knobs
- 4 Inlet with lots of clearance
- 5 Filter/dryer included
- 6 Micro-channel condenser
- 7 Oversize fan

**VORTEX DUAL EXCELS UNDER REAL-WORLD CONDITIONS**

INDEPENDENTLY TESTED RATES Rates in lb./min. (kg/min.)

	Liquid (R410a)	Vapor 75°F (R410a)	Vapor 104°F (R410a)	Vapor 104°F (R22)
<b>Vortex Dual</b>	<b>10.60 (4.81)</b>	<b>0.55 (0.25)</b>	<b>0.93 (0.42)</b>	<b>0.62 (0.28)</b>
Appion G5 Twin	17.20 (7.8) *	0.55 (0.25) *	N/A	0.42 (0.27) *
Promax RG6000	7.67 (3.48)	0.37 (0.17)	N/A	0.22 (0.21)
CPS TR600	8.07 (3.66) *	0.7 (0.32) *	0.82 (0.37) *	0.39 (0.18) *
Yellow Jacket LTE	9.26 (4.2)	0.35 (0.16)	N/A	0.28 (0.13)

\* Test performed using large diameter hoses and filter/dryer removed



**SPECIFICATIONS**

Unit includes	Shoulder strap, filter/dryer, 6 ft. (1.8 m) detachable power cord
Compatible refrigerants	Recovers commonly used CFCs, HCFCs, and HFCs including blends such as R410A, 12, 22, 134a, 404, 407C, 500, 502, and other Class III, IV and V refrigerants
Weight	29.75 lb. (13.5 kg)
Dimensions (L x W x H)	16.7 x 9.2 x 14.2 in. (42.4 x 23.4 x 36.1 cm)
Compressor	1 HP oil-less, dual piston, AC motor drive
High-pressure shut-off	550 psi
Power source	115 V (ac), 60 Hz, 15A or 230 V (ac), 50/60 Hz, 10A (depending on model)
Warranty	Three-year over-the-counter replacement

**CERTIFICATIONS**

INFICON Vortex Dual is an EPA-Certified machine in accordance with Section 608 of the Clean Air Act. It has been independently tested and certified to be in conformance with AHRI standard 740-1998.

REFRIGERANT TESTED	R134a	R22	R410a
Representative of category	III	IV	V
High temp vapor rate	N/A	0.62 (0.28)	0.93 (0.42)
Vapor rate		0.55 (0.25)	0.55 (0.25)
Liquid rate	5.1 (2.29)	8.0 (3.60)	10.60 (4.77)
Push-pull rate	11.64 (5.24)	15.01 (6.75)	17.39 (7.82)

Rates are in lb./min. (kg/min.) and are independently tested

**ORDERING INFORMATION**

Vortex Dual 115V	714-202-G1
Vortex Dual 230V with CE	714-202-G11
<b>Replacement Parts</b>	
Power cord (115 V)	068-0684
Power cord (230 V)	068-0685