

SPECIFICATIONS

Includes	Vortex Dual Shoulder strap Filter/dryer Detachable power cord
Compatible refrigerants	Commonly used CFCs, HCFCs, HFCs, and HFOs including R410a, R12, R22, R32, R134a, R404, R407c, R500, R502, R1234yf, and other class III, IV, and V refrigerants *Not recommended for use with flammable (HC) 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, 15 A or 230 V (ac) 50/60 Hz, 10 A (depending on model)
Certifications	CSA (714-202-G1 model) CE (714-202-G11 model) A2L certified
Warranty	Three-year over-the-counter

ORDERING INFORMATION

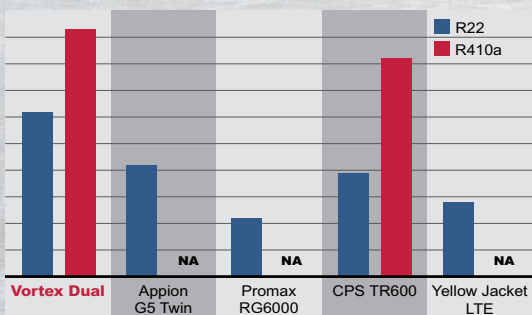
Vortex Dual, 115 V (ac)	714-202-G1
Vortex Dual, 230 V (ac)	714-202-G11

Accessories and Replacement Parts

Shoulder strap	722-408-P1
Filter/dryer	722-409-P1
Power cord (115 V)	068-0684
Power cord (230 V)	068-0685



HIGH TEMP VAPOR RECOVERY RATES



CERTIFICATIONS

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	0.47 (0.21)	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

QS5

VACUUM PUMP

An affordable pump that lasts.

QS5 is a 5 CFM pump with premium features without the premium price. Dual voltage operation, brass fittings, and an exhaust demister make QS5 a versatile and durable pump for everyday use. A two-year over-the-counter warranty ensures QS5 will stand up to daily punishment for years.

ADVANTAGES

- 5 CFM displacement for vacuum down to 15 microns
- Inlet check valve prevents oil from flowing back into the system
- Durable metal fittings and base
- Oil demister helps reduce oil in exhaust
- Versatile dual voltage operation

SPECIFICATIONS

Includes	QS5 Detachable power cord Vacuum pump oil
Free air displacement	5 cfm (142 l/m, 8.52 m ³ /h)
Motor	1/2 HP AC
Oil capacity	12.5 oz. (370 ml)
Weight	24 lb. (10.89 kg)
Power source	115/230 V (ac) dual voltage operation
Warranty	Two-year over-the-counter

ORDERING INFORMATION

QS5 pump, 115 V (ac)	700-100-P1
QS5 pump, 230 V (ac)	700-100-P10

Accessories and Replacement Parts

Power cord (115 V)	068-0684
Power cord (230 V)	068-0685

