VRC-6100i

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Refrigerant: cat. III	R-12,R-134a,R-401C,R-500,1234yf
Refrigerant: cat. IV	R-22,R-401A,R-401B,R-402B,R-407C,R-407D,R-408A,R-409A,R-411A,R-411B,R-412A,R-502,R509
Refrigerant: cat. V	R-402A,R-404A,R-407B,R-410A,R-507,R-32
Power supply	230/50 V/Hz
Flow rate	170 l/min
Vacuum leak test time	2 minutes
Pressure leak test time	Operator decides
Max. working time	50 minutes in case of leak detection (not reaching 3,75 microns)
Motor power	1/2 KM
Ambient working temp.	5°÷ 40 °C
Dimensions	484 x 254 x 328
Weight	21.3 kg

VRC-6100i

Pictures of some products may vary. Every effort has been made to ensure that the information contained in this catalog is correct. Due to constant technological development, we reserve the right to make changes without notice.

VRC-6100i

The industry’s first smart charging machine, with never before seen features and advanced technology,
NAVTEK‘“ brings Smart charging products to the HVAC industry. Conventional refrigerant charging operations use
vacuum pump, manifold gauges, electronic charging
scale, refrigerant tubing and other connection devices.
It is dependent on the technician’s experience level and judgement to charge refrigeration systems. The
conventional method is inconvenient, labor intensive, and it is difficult to ensure accuracy of the refrigerant charge. The high-power twin-cylinder vacuum pump, with ultra-high vacuum capability, rapidly
evacuates the system to the preset vacuum level. The smart control precisely measures the
system’s vacuum and digitally displays the vacuum level. After reaching the preset vacuum level, it automatically
conducts the dry operation and leak detection. When the unit confirms the system is under proper conditions, the intelligent control automatically starts the
Charging function with precise control of the predetermined
refrigerant charge, and turns off the
system once charging is complete. The NAVTEK‘“ smart charging machine enables you to
automatically, accurately, and efficiently complete HVAC system charging.

NOTE:
This machine utilizes the pressure difference principle, it is not equipped with the refrigerant pumping module.

Traditional connection :

Charging machine connection: