



ReINTAIR

THE MOST PRACTICAL AND EFFECTIVE
PLUG & PLAY AIR PURIFIER

WHAT IS THE REINTAIR DIFFERENCE?

IT'S ALL ABOUT THE AIR

According to the CDC, the coronavirus "does not spread easily from touching surfaces or objects". While disinfecting surfaces is important, it's only half the battle. And that's where the Reintair comes in.



Safety has become the new loyalty for winning customer trust

ADVANTAGES

- Improved filtration with **two** HEPA H14 filters used in Medical Grade particle retention.
- Innovative 'sweeping' technique with high velocity **360 degree air exhaust** in a downward flow forcing air throughout the room to increase effective Clean Air Delivery Rate (CADR)
- **Double Intake** on both sides near the breathing zone to generate Round Room Air Flow and better Indoor Air Quality (IAQ)
- Double wall construction, ensuring **whisper-quiet operation** and no air leakage
- Automatic filter change notification -indicators notify you when your HEPA filters and your G4 pre-filters need to be changed, helping you **maximize REINTAIR's efficacy**

YOU CAN DEPEND ON REINTAIR

MAIN FUNCTION

- REINTAIR air purifiers are plug & play sets (no installation required) to convert any interior space into an environment free of contaminating particles and thus leaving a much healthier air.
- It is designed to reduce the viral load of the rooms given the constant air renewals that it carries out.

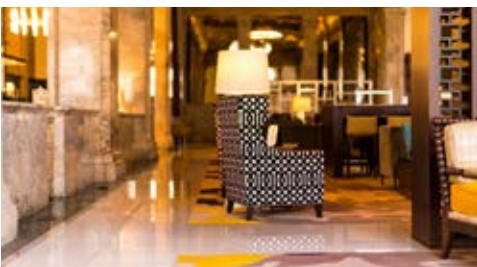
APPLICATIONS

Designed for all kind of indoor spaces such as hotels, offices, health sector. In short, for any public space where high-quality air purification is required since REINTAIR purifiers are equipped with two **high-efficiency HEPA H14 filters**.



Designed to be easily moved in indoor spaces, which makes them the best solution for:

- Ventilation of workstations.
- The health sector (waiting rooms, corridors, rooms, field hospitals, common areas, clinics, pharmacies, etc.).
- The hospitality and industrial sector (offices, hotels, universities, schools, public institutions, warehouses, living rooms in restaurants).
- The residential sector (single-family flats and houses).



MANUFACTURING FEATURES

- High efficiency purification unit built in soundproof steel structure, galvanized for corrosion resistance.

FAN

- Equipped with high efficiency single inlet - backward impeller with self-cleaning system, made of polyamide, statically and dynamically balanced at the factory.

FILTERS

- Dual filtering stages at each end of the REINTAIR, each comprised of an ISO Coarse 65% (G4) prefilter + an HEPA H14 filter.
- 4 filters per purification unit.
- The ISO Coarse 65% pre-filters increase the life of the absolute HEPA H14 filters.

CHASIS

- Soundproof 30mm extruded aluminum profile, nylon corners and pre lacquered steel sandwich panels, RAL 9006, class M0, with 25mm internal rockwool insulation class A1 (non combustible) and 90Kg/m3 density. Panels come with quick release fastening system for easy assembly and disassembly whenever required, whether for cleaning, maintenance or panel repositioning.
- Filters are located in the perforated side panels, with handles and fastening system. This ease of access optimizes maintenance and filter replacement procedures. Filter replacement and manipulation of the REINTAIR is recommended with the appropriate PPE.
- REINTAIR purifiers are equipped with 4 wheels with brakes on the base for ease of mobility throughout interior spaces.

MOTORS

- Low consumption EC (electronically commutated) Technology exterior rotor motor. IP-44 protection and class B insulation. Standard voltage 110V-60Hz.

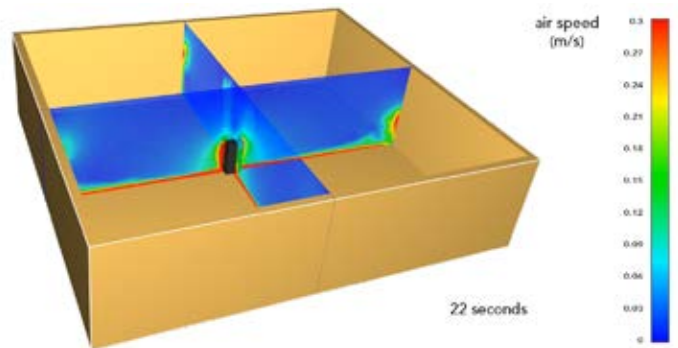
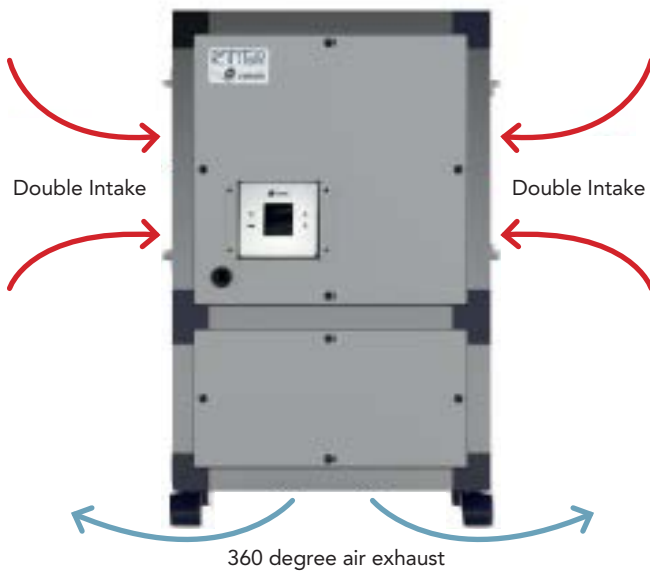
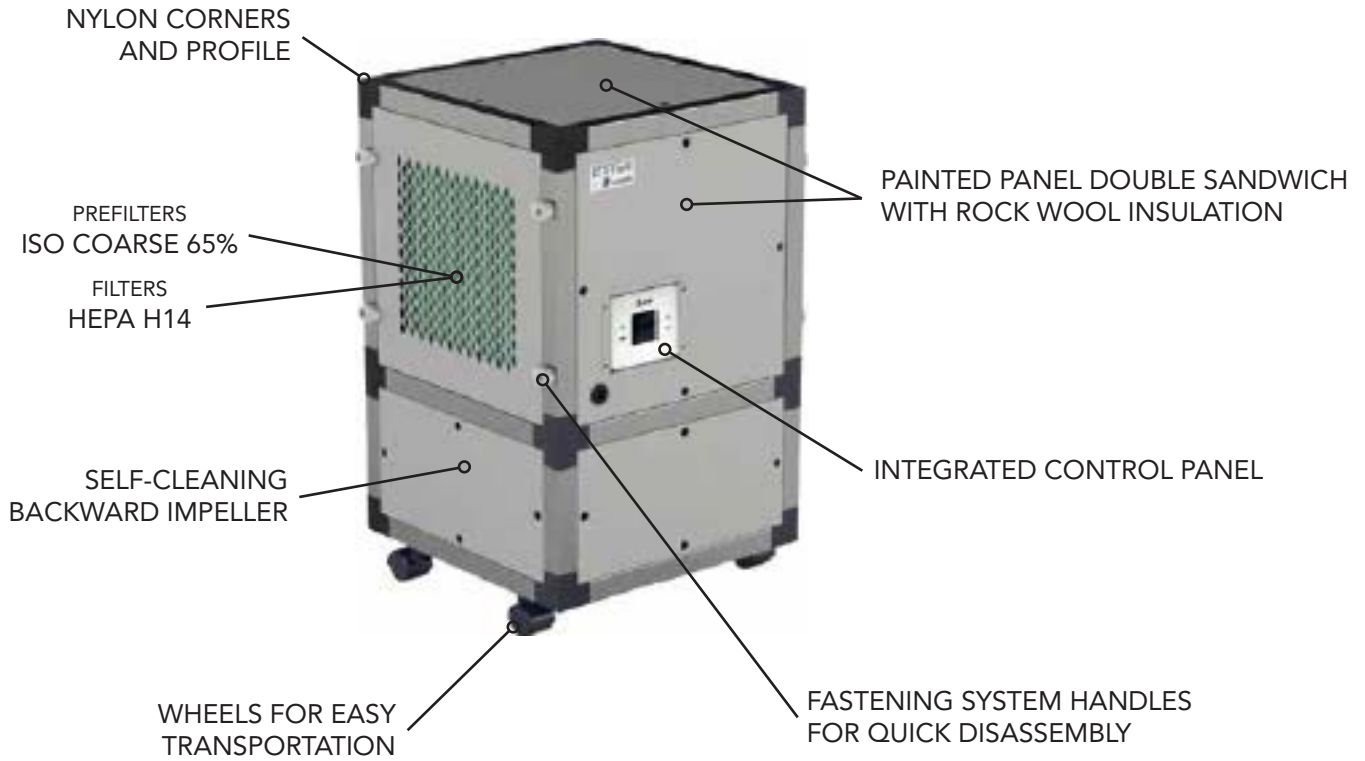
CONTROL PANEL

- All REINTAIR air purifiers are equipped with a master control panel located on one side of the structure.
- This control panel allows for control of the following parameters:
 1. On/Off of the air Purifier
 2. Automatic function – Autonomous
 3. Flow adjustment, 0 being the lowest and 100 the highest
 4. Schedule control for night mode optimization and thus favouring low energy consumption when the interior spaces are empty
 5. Clogged filter alarm and maintenance indication.



IMPORTANT

The REINTAIR purification system ensures the reduction of viral load by retaining viruses and bacteria (including COVID-19 coronavi-ruses) that pass through its high efficiency HEPA H14 filters. 100% air purification cannot be guaranteed in a specific space as it depends on different factors such as: architectural distribution of its location, external air currents, minimum operating time, improper use of the unit, obstruction of air inlets, maintenance level of the unit and the state of your filters, etc.



AIR FLOW CFD SIMULATION PROVING FULL AIR MOVEMENTS IN MINUTES (room size 30x30ft)

EXTERNAL DIMENSIONS

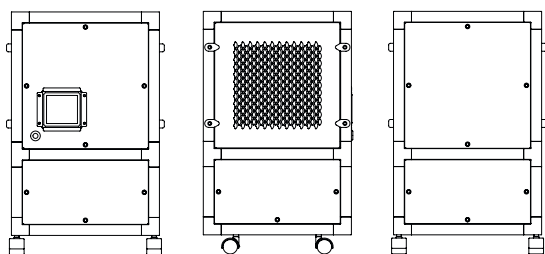
	REINTAIR S 300 EC	REINTAIR L 600 EC
Height with wheels (in)	26½	38½
Width (in)	16¼	16¼
Length (in)	16¼	16¼
Total weight (lb)	66	110

TECHNICAL DATA OF REINTAIR

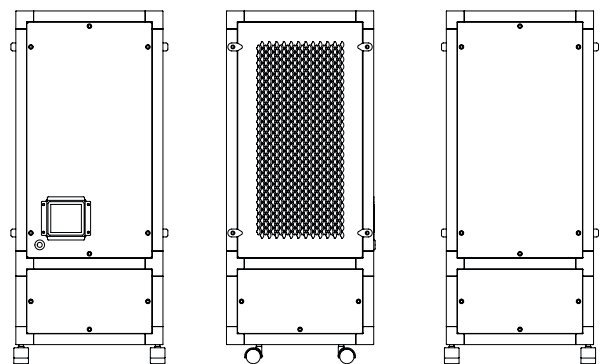
	REINTAIR S 300 EC	REINTAIR L 600 EC
Phase	Single phase	Single phase
Nominal voltage (V)	110	110
Frequency (Hz)	60	60
Max. R.P.M.	3980	3600
Rated I (A)	0.71	1.20
Rated power (W)	47	80
Rated airflow (CFM)	177	343
Sound dB (A) (at 6ft)	41	44
Surfaces up to (sq ft)	485	970
Min. ambient temperature (°F)	-13	-13
Max. ambient temperature (°F)	122	122

TECHNICAL DATA OF FILTERS

	EFFICIENCY	DIMENSIONS WxHxD (in)	MEDIUM AREA (sq ft)	AIR FLOW/PRESSURE DROP at 1.5 ft/s (CFM / Pa)	WEIGHT (lb)
HEPA filter REINTAIR S 300	H14	12 x 12 x 2½	21.5	89 / 175	4.2
HEPA filter REINTAIR L 600	H14	12 x 24 x 2½	44	177 / 175	7.0
G4 filter REINTAIR S 300	ISO coarse 65%	11¼ x 11¼ x 1	2.1	412 / 70	0.44
G4 filter REINTAIR L 600	ISO coarse 65%	11¼ x 23¼ x 1	3.2	882 / 70	0.44



REINTAIR S 300



REINTAIR L 600