

VARIAIR RADIAL BLOWER RV 2.1944/10 & VATP 1600



BECKER VARIAIR RADIAL BLOWER

Optimally suited for applications with high volume flow and increased differential pressure, without losing the focus on energy efficiency and life cycle cost: This is the bespoke solution that a radial blower, made by Becker, will offer you. Tailor-made for your needs.

ADVANTAGES

- Big delivery volume, up to 1570 m³/h, yet very compact dimensions
- For vacuum and pressure applications
- Speed-controlled drive with external VARIAIR frequency inverter VAU11-22/3, optionally with VAU7.5/3 with modified characteristics diagram
- Small dimensions, low weight

further advantages of the radial blower in the VARIAIR Turbo Package (VATP) variant:

- VATP 1600 as a fully integrated unit, ready to connect, consisting of
 - RV 2.1944/10 radial blower,
 - VARIAIR freq. inverter VAU11-22/3,
 - Intake filter with large filter surface, in a noise insulated hood
- Fast installation and easy integration into existing systems control

CUSTOMIZATION

RV 2.1944/10:

- Optional filter housing (with or without integrated check valve on the suction side) with transparent service cover, large filter surface and variable direction suction connection
- Easy and simple integration into existing systems with external frequency inverter and possibility to set up or attach the unit independently, even without support stand
- External frequency inverter can be wall-mounted

VATP 1600:

- Optional check valve, integrated into filter housing on suction side
- Possibility to install additional noise dampers directly on its hood

RV 2.1944/10 & VATP 1600:

- Optional integrated pressure side check valve
- Customer-specific product solutions, even in small numbers, are part of our core competency

EFFICIENCY

- Energy-efficient operation because of high rate of efficiency
- Large control range with electronic map-controlled operation, up to 400 Hz thanks to the VARIAIR technology (including appliance self-protection)
- For lower performance requirements, it is possible to exchange the frequency inverter VAU11-22/3 for a VAU7.5/3 with a max. power output of 7.5 kW
- Air-cooled, no coolant supply necessary
- Low operating and waste air temperatures

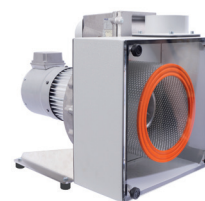
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VAU7.5/3
VAU11-22/3



RV 2.1944/10
incl. suction filter



VATP 1600
incl. additional silencers



SPECIFICATIONS RV 2.1944/10 & VATP 1600



RV 2.1944/10



VATP 1600

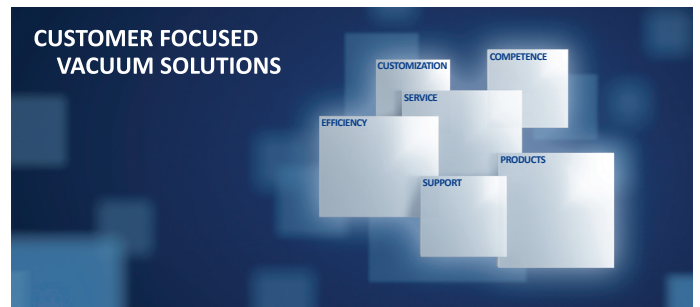
	incl. VAU11-22/3 [11.3 kW]		incl. VAU7.5/3 [7.5 kW]		
	400 Hz max.		400 Hz max.		400 Hz max.
m³/h	1570		1370		1570
mbar	-290		-290		-290
	+410		+340		+410

THE BECKER SOLUTIONS

As a leader in the field of suction and blast air we offer complete solutions driven by your individual needs.

Radial blowers made by Becker are the ideal solution for

- Drying machinery,
- Pneumatic conveyors,
- Packaging equipment,
- Cutting tables (vacuum fixation),
- Air Knives,
- Plastic manufacturing machinery (dehumidification and drying),
- Industrial vacuum cleaners,
- Suction devices,
- Filter units,
- Machinery for sandblasting and other blasting,
- Ventilation units and
- Environment protection applications.



OUR SOLUTION COMPONENTS

▪ CUSTOMIZATION

We develop customized solutions for your individual requirements and applications.

▪ EFFICIENCY

We optimize your air supply to ensure a better efficiency for your complete system.

▪ SUPPORT

Our consulting and planning add value to your individual application for an optimal solution.

▪ COMPETENCE

With over 130 years of experience, we have the expertise to create innovative solutions for your current and future needs.

▪ SERVICE

Our worldwide subsidiaries and representatives are able to provide service solutions to meet your individual needs.

▪ PRODUCTS

We develop “Best in Class” solutions from individual units to entire systems according to your specific requirements.

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