

COMBI BR

Vacuum Pump Units



VACUUM SOLUTIONS



Reliable

Vacuum pump units with robust and proven R5 backing pumps enhanced by PANDA/PUMA vacuum boosters, reliable operation, minimal maintenance

High performance

High pumping speeds at low ultimate pressures, short pump-down time, higher energy efficiency compared to a single vacuum pump

Flexible

Various design options available, different combinations of backing pumps and vacuum boosters possible, minimized footprint

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	BRV 0500 C 0205 DA	BRV 1200 A 0205 DA	BRV 1200 A 0305 DA	BRV 1800 A 0305 DA
PANDA vacuum booster	WV 0500 C	WV 1200 A	WV 1200 A	WV 1800 A
R5 rotary vane vacuum pump	RA 0205 D	RA 0205 D	RA 0305 D	RA 0305 D
Pumping speed at 1 mbar	276.6 / 329.6 ACFM (50 / 60 Hz)	523.8 / 626.8 ACFM (50 / 60 Hz)	541.4 / 647.4 ACFM (50 / 60 Hz)	735.6 / 888.6 ACFM (50 / 60 Hz)
Ultimate pressure	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)
Nominal motor rating	10.3 / 12.9 HP (50 / 60 Hz)	12.1 / 15.3 HP (50 / 60 Hz)	14.8 / 18.8 HP (50 / 60 Hz)	15.8 / 19.3 HP (50 / 60 Hz)
Weight approx.	770 Lbs. (50 / 60 Hz)	990 Lbs. (50 / 60 Hz)	1100 Lbs. (50 / 60 Hz)	1210 Lbs. (50 / 60 Hz)

	BRV 2400 A 0305 DB	BRV 2400 A 0400 CA	BRV 2400 A 0630 CA
PANDA vacuum booster	WV 2400 A	WV 2400 A	WV 2400 A
R5 rotary vane vacuum pump	RA 0305 D	RA 0400 C	RA 0630 C
Pumping speed at 1 mbar	1018.1 / 1218.2 ACFM (50 / 60 Hz)	1082.8 / 1291.8 ACFM (50 / 60 Hz)	1118.2 / 1324.1 ACFM (50 / 60 Hz)
Ultimate pressure	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)
Nominal motor rating	17.4 / 21.7 HP (50 / 60 Hz)	25.5 / 29.5 HP (50 / 60 Hz)	27.5 / 34.2 HP (50 / 60 Hz)
Weight approx.	1870 Lbs. (50 / 60 Hz)	2310 Lbs. (50 / 60 Hz)	2750 Lbs. (50 / 60 Hz)

	BRV 4500 B 0400 CA	BRV 4500 B 0630 CA
PANDA vacuum booster	WV 4500 B	WV 4500 B
R5 rotary vane vacuum pump	RA 0400 C	RA 0630 C
Pumping speed at 1 mbar	1918.5 / 2259.8 ACFM (50 / 60 Hz)	2089.2 / 2483.5 ACFM (50 / 60 Hz)
Ultimate pressure	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)
Nominal motor rating	32.9 / 37.0 HP (50 / 60 Hz)	38.2 / 44.9 HP (50 / 60 Hz)
Weight approx.	2750 Lbs. (50 / 60 Hz)	3300 Lbs. (50 / 60 Hz)

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	BRV 0500 C 0240AA	BRV 1200 A 0240 AA	BRV 1200 A 0360 AA	BRV 1800 A 0360 AA
PANDA vacuum booster	WV 0500 C	WV 1200 A	WV 1200 A	WV 1800 A
R5 rotary vane vacuum pump	RD 0240 A	RD 0240 A	RD 0360 A	RD 0360 A
Pumping speed at 1 mbar	276.6 / 329.6 ACFM (50 / 60 Hz)	523.8 / 626.8 ACFM (50 / 60 Hz)	541.4 / 647.4 ACFM (50 / 60 Hz)	735.6 / 888.6 ACFM (50 / 60 Hz)
Ultimate pressure	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)	$\leq 0.75 \cdot 10^{-2} / \leq 0.75 \cdot 10^{-2}$ TORR (50 / 60 Hz)
Nominal motor rating	8.3 / 9.7 HP (50 / 60 Hz)	10.1 / 12.1 HP (50 / 60 Hz)	12.1 / 15.3 HP (50 / 60 Hz)	13.1 / 15.8 HP (50 / 60 Hz)
Weight approx.	770 Lbs. (50 / 60 Hz)	990 Lbs. (50 / 60 Hz)	1100 Lbs. (50 / 60 Hz)	1210 Lbs. (50 / 60 Hz)

DO YOU WANT TO KNOW MORE?

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