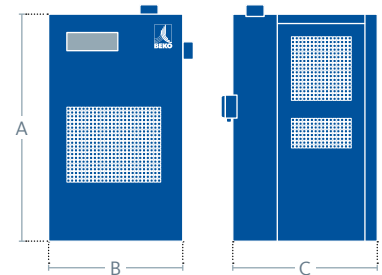


DRYPOINT® RA eco



Model	Air volume flow m³/h, 3 °C	Electrical connection	Power consumption kW	Pressure loss bar	Air connection	A mm	B mm	C mm	
RA 20 eco	21	230 VAC 50 Hz 1 Ph	0.16	0.02	G ½ BSP-F	740	345	420	
RA 35 eco	33		0.18	0.03	G ½ BSP-F	740	345	420	
RA 50 eco	51		0.22	0.08	G ½ BSP-F	740	345	420	
RA 70 eco	72		0.23	0.11	G ½ BSP-F	740	345	420	
RA 110 eco	108		0.31	0.13	G 1 BSP-F	740	345	420	
RA 135 eco	138		0.46	0.17	G 1 BSP-F	740	345	420	
RA 190 eco	186	230 VAC 50 Hz 1 Ph	0.69	0.15	G 1¼ BSP-F	825	485	455	
RA 240 eco	240		0.75	0.20	G 1¼ BSP-F	825	485	455	
RA 330 eco	330		0.70	0.15	G 1¼ BSP-F	885	555	580	
RA 370 eco	372		0.84	0.18	G 1 ½ BSP-F	885	555	580	
RA 490 eco	486		0.98	0.09	G 2 BSP-F	975	555	625	
RA 630 eco	630		1.10	0.13	G 2 BSP-F	975	555	625	
RA 750 eco	750		1.45	0.07	G 2½ BSP-F	1105	665	725	
RA 870 eco	870		1.52	0.13	G 2½ BSP-F	1105	665	725	
RA 960 eco	960		1.73	0.15	G 2 ½ BSP-F	1105	665	725	
RA 1300 eco	1260		400 VAC 50 Hz 3 Ph	2.60	0.21	DN80 - PN16	1465	790	1000
RA 1800 eco	1800			3.22	0.19	DN80 - PN16	1465	790	1000
RA 2200 eco	2208			3.64	0.26	DN80 - PN16	1465	790	1000
RA 2400 eco	2400	400 VAC 50 Hz 3 Ph	4.47	0.21	DN100 - PN16	1750	1135	1205	
RA 2900 eco	2900		4.98	0.21	DN100 - PN16	1750	1135	1205	
RA 3600 eco	3600		5.82	0.20	DN100 - PN16	1750	1135	1205	
RA 4400 eco	4416		6.65	0.26	DN100 - PN16	1750	1135	1205	



Reference conditions in accordance with DIN/ISO 7183

- > Volume flow based on 20°C at 1 bar
- > Operating pressure 7 bar
- > Compressed-air inlet temperature 35°C
- > Cooling air temperature 25°C
- > Pressure dew point 3°C
- > All models equipped as standard with a BE-KOMAT® condensate drain
- > Water-cooled versions RA 1300 – RA 4400 available on request

On request:

- > Electrical connection other versions available
- > Pressure <4 bar available

Operating pressure (bar)	4	5	6	7	8	10	12	14
Correction factor	0.77	0.86	0.93	1.00	1.05	1.14	1.21	1.27

Compressed-air inlet temperature (°C)	25	30	35	40	45	50	55	60	65	70
RA 20 – RA 960	1.27	1.21	1.00	0.84	0.70	0.57	0.48	0.42	on request	
RA 1080 – RA 4400	1.26	1.20	1.00	0.81	0.68	0.57	0.46	0.38	on request	

Ambient temperature (°C)	25	30	35	40	45	50
RA 20 – RA 960	1.00	0.96	0.91	0.85	0.76	0.64
RA 1080 – RA 4400	1.00	0.95	0.93	0.85	0.73	0.58

Example: Nominal volume flow: 2,500 m³/h relating to the following operating parameters

Operating pressure	10 bar, g	Correction factor 1 = 1.14
Compressed-air inlet temperature	40 °C	Correction factor 2 = 0.81
Ambient temperature	30 °C	Correction factor 3 = 0.95

Minimal volume flow – nominal volume flow / (F1*F2*F3) => 2,500 m³/h / (1.14*0.81*0.95) = 2,850 m³/h

Selected dryer: RA 2900 eco at 2,900 m³/h

The air volume flows from 21 up to 4416 m³/h listed in the table above apply only to the reference conditions described in DIN ISO7183

Should operating conditions differ, please apply correction factors