

9 Appendix

9.1 Technical Data

| | R-200 | R-205 | B-490 |
|--|---|--|--------------------------------|
| Type of apparatus | Rotavapor Basic | Rotavapor with display | Heating bath |
| Glass assembly | A,V,C,S,E,CR | A,V,C,S,E,CR | |
| Dimensions (wxhxd) | 544 x 697 x 367 | 544 x 697 x 367 | 280 x 191 x 250 |
| Weight | 16 - 18 kg Depending on glass assembly | 16 - 18 kg Depending on glass assembly | 3.3 kg |
| Supply voltage | 100, 120, 230 V +/-10 % | 100, 120, 230 V +/-10 % | 100, 120, 230 V +/-10 % |
| Mains connection | 3-pole (P,N,E) via power cable | 3-pole (P,N,E) via power cable | 3-pole (P,N,E) via power cable |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| Power consumption | 120W | 120W | 1400W |
| Installation / overvoltage category | II | II | II |
| IP class | | | |
| Contamination degree | 2 | 2 | 2 |
| Rotation speed range | 20-280 rpm | 20-280 rpm | |
| Maximum size of flask | 3 lt (max. 3 kg) | 3 lt (max. 3 kg) | 3 lt (max. 3 kg) |
| Temperature range | | | 20 °C – 180° C |
| Display | None | Vapour temp./rotation | Set/Actual temp. |
| Accuracy of measured Temperature | 20 °C to 100 °C 100°C to 180°C | 20 °C to 100 °C 100°C to 180°C | ± 1°C ± 2°C |
| Environmental temperature | 10°C up to 35°C | 10°C up to 35°C | 10°C up to 35°C |
| Environmental conditions | for indoor use only, maximum relativ humidity 80% for temperatures up to 30°C | | |
| Maximum height | 2000 m above sea level | 2000 m above sea level | 2000 m above sea level |
| Bath content | | | 4 lt |
| Over-temperature protection | | | 250° C |
| Pressure of the condensing coil | max. 2 bar abs. pulsation free | max. 2 bar abs. pulsation free | |

Table 14: Technical Data