

DRYBERG RF01/AC, air cooled

Technical data

| | |
|--|-----------------------|
| Air flow | 72 m ³ /h |
| Pressure dew point | +3°C |
| Power input | 0,21 KW |
| Pressure loss | 0,14 bar |
| min./max. compressed air inlet temperature | 25°C / 55°C |
| min./max. operating pressure | 4 / 16 bar |
| min./max. ambient temperature | 2°C / 45°C |
| Electric connection | 230 V 50-60 Hz 1 Ph, |
| Refrigerant type and quantity | R134a – 0,25 kg |
| Cooling air flow | 300 m ³ /h |
| Connection compressed air inlet/outlet | G 1/2" BSP-F |
| Weight | 28 kg |
| Max. noise level | < 70 dbA |
| Condensate drain | BEKOMAT |

Reference conditions in accordance with DIN/ISO 7183:

| | |
|----------------------------------|--------------------------------|
| Air flow | in relation to 20°C, 1 bar (a) |
| Compressed air inlet temperature | 35°C |
| Cooling air temperature | 25°C |
| Pressure dew point | 5°C |

Operating pressures multiply air flow with correction factor f1

| [bar] | 4 | 5 | 6 | 7 | 8 | 10 | 12 | 14 |
|-------|------|------|------|------|------|------|------|------|
| f1 | 0,77 | 0,86 | 0,93 | 1,00 | 1,05 | 1,14 | 1,21 | 1,27 |

Ambient air temperatures multiply air flow with correction factor f2

| [°C] | 25 | 30 | 35 | 40 | 45 |
|------|------|------|------|------|------|
| f2 | 1,00 | 0,95 | 0,88 | 0,79 | 0,68 |

Compressed air inlet temperatures multiply air flow with correction factor f3

| [°C] | 25 | 30 | 35 | 40 | 45 | 50 | 55 |
|------|------|------|------|------|------|------|------|
| f3 | 1,20 | 1,11 | 1,00 | 0,81 | 0,67 | 0,55 | 0,45 |

Dimensioned sketch DRYBERG RF01/AC, air cooled

