The refrigeration dryer for high inlet temperatures: DRYPOINT® RA HT

The DRYPOINT® RA HT compressed-air refrigeration dryer has been specially developed for applications in which compressed air has to be dried efficiently at high inlet temperatures up to 100 °C bar.

The refrigeration dryer provides maximum safety with minimum energy consumption. The integrated BEKOMAT® safely drains the condensate that is produced and with no unnecessary loss of compressed air.

The sophisticated, flow-optimised design ensures that the compressed air flows through the dryer with little resistance. The optimised refrigeration compressor technology also ensures a low energy consumption with a very stable pressure dew point.

- Compressed air inlet temperatures up to +100 °C
- Integrated CLEARPOINT® pre-filter
- Safe condensate discharge by utilising BEKOMAT®
- Low energy consumption with stable pressure dew point due to optimised refrigeration compressor technology
Subject to technical changes without prior notice. Errors and omissions excepted.

**Operating conditions**
- Maximum compressed air inlet temperature: +100 °C
- Min. ..., max. operating pressure RA 5 – RA 100: 4 ... 14 bar [g]
- Min. ..., max. ambient temperature: +2 ... +50 °C

**Reference conditions according to DIN / ISO 7183**
- Volume flow rate in m³/h relative to +20 °C: 1 bar [g]
- Operating pressure (p₁): 7 bar [g]

**Reference conditions**
- Compressed air inlet temperature (t₁): +80 °C
- Ambient temperature (tₐ): +32 °C
- Pressure dew point (tₛ): +7 °C

**Electronic connections (other voltages on request)**
- RA 5 / AC HT – RA 100 / AC HT: 230 V, 50 Hz, 1 Ph.

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**DRYPOINT® RA 5 / AC HT**
- Volume flow (Nm³/h): 33, 51, 72, 108, 138, 186
- Power consumption (kW): 0.25, 0.27, 0.35, 0.54, 0.64, 0.85
- Pressure loss (Δp bar [g]): 0.08, 0.18, 0.26, 0.20, 0.35, 0.28
- Air connection (ø in inches): G 1/2 BSP-F, G 1/2 BSP-F, G 1/2 BSP-F, G 1 BSP-F, G 1 BSP-F, G 1 1/4 BSP-F

**Dimensions**
- A (mm): 645, 645, 645, 1130, 1130, 1240
- B (mm): 425, 425, 425, 410, 410, 510
- C (mm): 415, 415, 415, 465, 465, 515
- Weight (kg): 30, 31, 33, 50, 51, 61

**Order ref.**
- 401366, 4014914, 4022770, 4021663, 4022620, 4022823

**DRYPOINT® RA 40 / AC HT**
- Volume flow (Nm³/h): 240, 330, 372, 486, 630
- Power consumption (kW): 0.86, 0.94, 1.15, 1.65, 2.05
- Pressure loss (Δp bar [g]): 0.34, 0.22, 0.25, 0.29, 0.32
- Air connection (ø in inches): G 1 1/4 BSP-F, G 1 1/2 BSP-F, G 1 1/2 BSP-F, G 2 BSP-F, G 2 BSP-F

**Dimensions**
- A (mm): 1240, 1400, 1400, 1500, 1500
- B (mm): 510, 560, 560, 710, 710
- C (mm): 515, 595, 595, 775, 775
- Weight (kg): 66, 75, 84, 132, 138

**Order ref.**
- 4022621, 4022824, 4022825, 4022826, 4022609

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**Correction factors**

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