

0,52-3,53
m³/min

18-125
cfm

16
bar



REFRIGERATED TYPE HIGH TEMPERATURE COMPRESSED AIR DRYER

High temperature air dryers are fitted with an aftercooler to lower the inlet temperature of the compressed air. This ensures effective dew-point management.



Key Features

- High operating inlet temperature
- Integrated condenser
- Independent air-cooled aftercooler
- Moisture separator
- Automatic drain
- Environmentally friendly R134a refrigerant
- Increased compressor life span
- Operate in high ambient temperatures
- Excellent insulation
- Easy to assemble and maintain

| Model | Max. Pressure | | Capacity | | Connection Size | Voltage (V/ph/Hz) | Dimensions (mm) | | | Weight (kg) | Controller | Refrigerant Type |
|-----------|---------------|-----|---------------------|-----|-----------------|-------------------|-----------------|-------|--------|-------------|------------|------------------|
| | bar | psi | m ³ /min | cfm | | | Length | Width | Height | | | |
| HRD H 31 | 16 | 232 | 0,52 | 18 | G ½" | 230/ 1 /50 | 445 | 445 | 955 | 62 | DigiPro | R134a |
| HRD H 52 | 16 | 232 | 0,87 | 31 | G ½" | 230/ 1 /50 | 445 | 445 | 955 | 62 | DigiPro | R134a |
| HRD H 75 | 16 | 232 | 1,25 | 44 | G ½" | 230/ 1 /50 | 445 | 445 | 955 | 63 | DigiPro | R134a |
| HRD H 106 | 16 | 232 | 1,77 | 62 | G ¾" | 230/ 1 /50 | 445 | 445 | 955 | 64 | DigiPro | R134a |
| HRD H 160 | 16 | 232 | 2,67 | 94 | G ¾" | 230/ 1 /50 | 625 | 510 | 910 | 88 | DigiPro | R134a |
| HRD H 212 | 16 | 232 | 3,53 | 125 | G ¾" | 230/ 1 /50 | 625 | 510 | 910 | 97 | DigiPro | R134a |

| CORRECTION FACTORS FOR HRD H SERIES | | | | | | | | | | | | |
|-------------------------------------|------|------|------|------|------|------|------|------|----|-----|------|------|
| Pressure (bar) | 4 | 5 | 6 | 7 | 8 | 8,5 | 10 | 11 | 12 | 13 | 14 | 16 |
| F1 | 0,70 | 0,75 | 0,80 | 0,83 | 0,86 | 0,90 | 0,93 | 0,96 | 1 | 1,1 | 1,12 | 1,15 |
| Ambient Temperature °C | 24 | 29 | 35 | 38 | 40 | 46 | 49 | - | - | - | - | - |
| F2 | 1,10 | 1,07 | 1,03 | 1,00 | 0,96 | 0,82 | 0,55 | - | - | - | - | - |
| Inlet Temperature °C | 32 | 38 | 65 | 82 | 93 | 98 | 104 | - | - | - | - | - |
| F3 | 1,30 | 1,27 | 1,06 | 1,00 | 0,85 | 0,78 | 0,75 | - | - | - | - | - |

Correction Formula: Dryer Capacity = Air Delivery Capacity of the Compressors / F1 / F2 / F3