

HP CHILLER

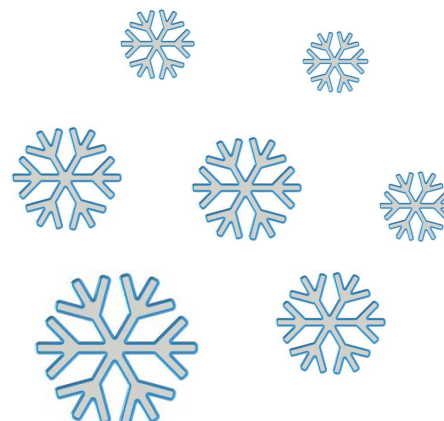
PROCESS FLOW

200 to 1000 L/MIN - 12 to 60 M³/H

WORKING PRESSURE

From 100 Bar to 500 Bar

From 1500 PSI to 7250 PSI



Quality System Certified
ISO 9001-2015

All technical data may be changed

MADE IN ITALY BY NARDI COMPRESSORI

www.nardicompressori.com

HP CHILLER

The HP CHILLER is a refrigeration cycle dryer designed and manufactured by NARDI COMPRESSORI. The operating system consists of cooling the air arriving from the High Pressure compressor to a temperature very close to 0°C in order to condense and remove a large quantity of water before entry into the filtering system.

The HP CHILLER has been designed with a very large and innovative internal condensation separation system positioned in its inside and before the air outlet, and this separator can retain 98% of the condensation separated by the refrigeration action. The condensation is automatically drained by the automatic condensate drain valve, controlled by the HP CHILLER.



With this air-drying system, the lifetime of the filter cartridge is considerably extended +80%. In fact, by cooling the compressed air, most of the condensation is separated in the oil and water separator so that the filter cartridge absorbs and receives less contaminating liquids.

The HP CHILLER is recommended for humid installation locations and hot climates to make filter cartridges last longer, thus reducing maintenance costs in terms of time and material, and most importantly, it protects the environment because less consumable material will be disposed of. Easy to install and simple to use, the NARDI HP CHILLER can be positioned on top or next to the compressor. Lightweight, compact and powerful.

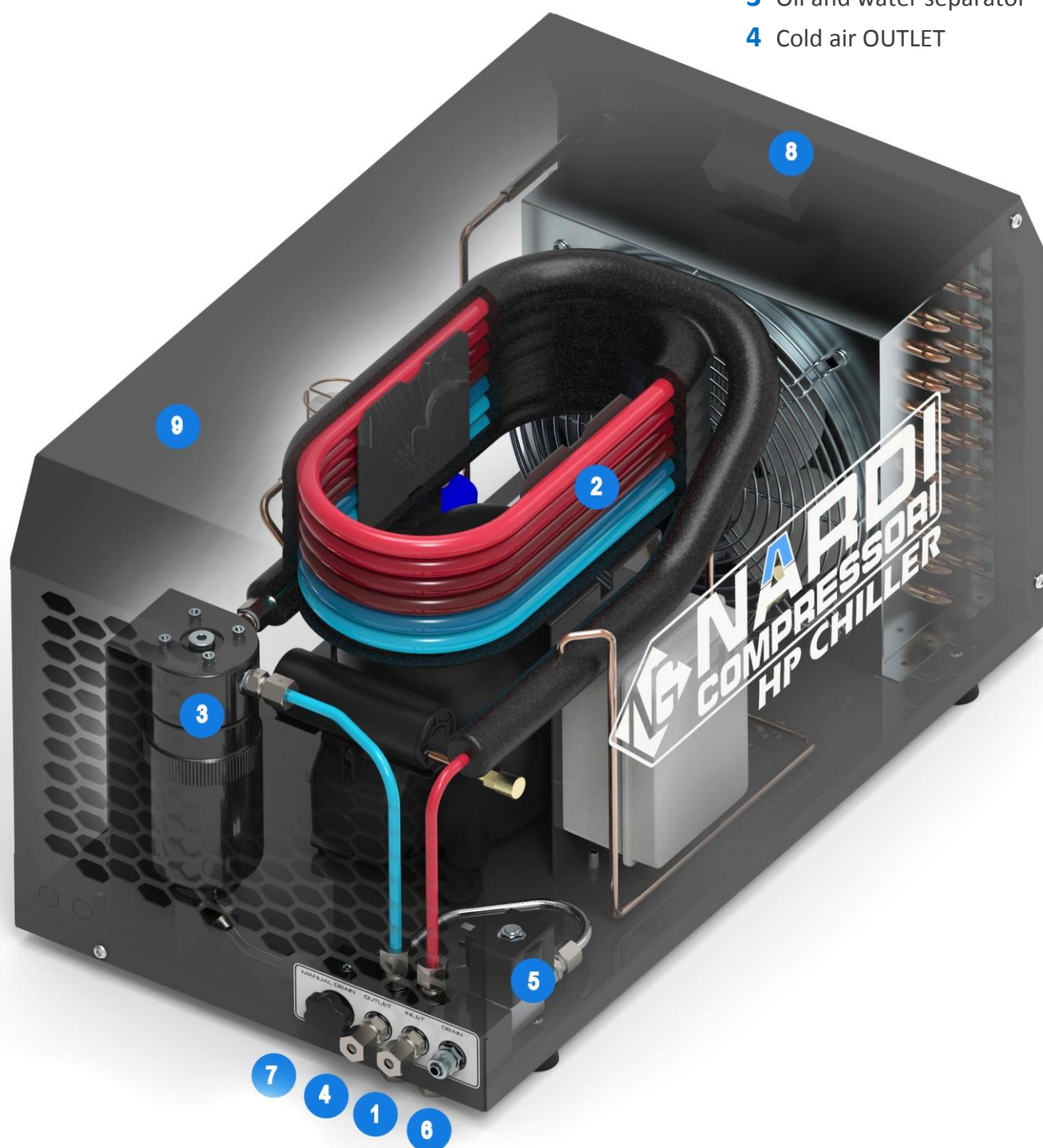


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- 1 Hot air INLET
- 2 Refrigeration cycle condenser
- 3 Oil and water separator
- 4 Cold air OUTLET

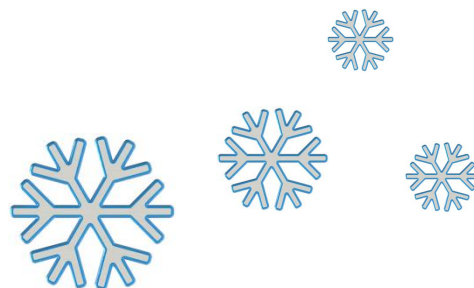


- 5 Automatic drain valve
- 6 Drain connection
- 7 Manual drain valve
- 8 Electronic Control
- 9 Frame

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TECHNICAL DATA

FLOW RANGE: 200 - 1000 L/MIN
MAX OPER. PRESSURE : 350 BAR or 500 BAR
MAX TEMP. INLET: 65°C
DIMENSIONS (mm): 705 x 385 x 385
POWER SUPPLY: 550W at 50Hz / 650W at 60Hz

POWER: 230V 50-60Hz or 110V 50Hz
MIN OPER. PRESSURE : 100 BAR
ENVIRONMENT TEMP. : +5°C to 45°C
WEIGHT (Kg): 45

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SUBJECT TO TECHNICAL MODIFICATIONS

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