**Turbocor Compressor**
The compressor design enables a high full load and part load EER. The turbo machine operates with minimum internal losses. This results in excellent energy efficiency.

**Protection class IP54**
For secure refrigeration: QUANTUM machines have protection against physical contact and protection against spray water.

**EMC class B**
Complies with EMC guidelines on electromagnetic compatibility DIN EN 61000-6-2 and DIN EN 61000-6-4.

**Open-Flash-Economizer**
Built-in Open-Flash-Economizers ensure high EER values. They optimize the entire refrigeration process without increasing the machine's space requirements.

**Durable, high-quality fittings and sensors**
Built to last: the excellent quality of all components guarantees a low susceptibility to errors or failures. It is also easy and efficient to replace a component.

**Multiple compressor design**
Better to be safe: other compressors take over in case of failure. The redundant design also makes it possible to replace a compressor during live operation.

**Frequency converter on every compressor**
Particularly efficient during part load thanks to continuous power control. In general: the QUANTUM controller has an impressively high quality of control.

**Oil Free Design**
There is no need for oil changes. The EER is increased because the heat transfer in the refrigeration circuit is not impaired by oil. The turbo machine operates with minimum internal losses. This results in excellent energy efficiency.

**Floated tube bundle evaporator**
Low temperatures difference between the chilled medium and refrigerant improve efficiency. High performance ribbed tubes for optimum heat transfer during evaporation result in low temperature differences between the refrigerant and the chilled medium.

**Start-up current of compressors < 5 A**
When a compressor starts up, there are none of the dreaded current peaks. In addition, a staggered start-up is possible.

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