

SCREW COMPRESSOR S51 - 42
Refrigerating capacity and power consumption
Volume ratio 4.2

Capacity and power consumption

The capacity curves refer to a process with no subcooling of the liquid and no superheating of the suction gas. Corrections for subcooling and superheating are to be made according to manual sheet 430 - E - 1. For operating conditions outside shaded area select lower built-in volume ratio for best efficiency.

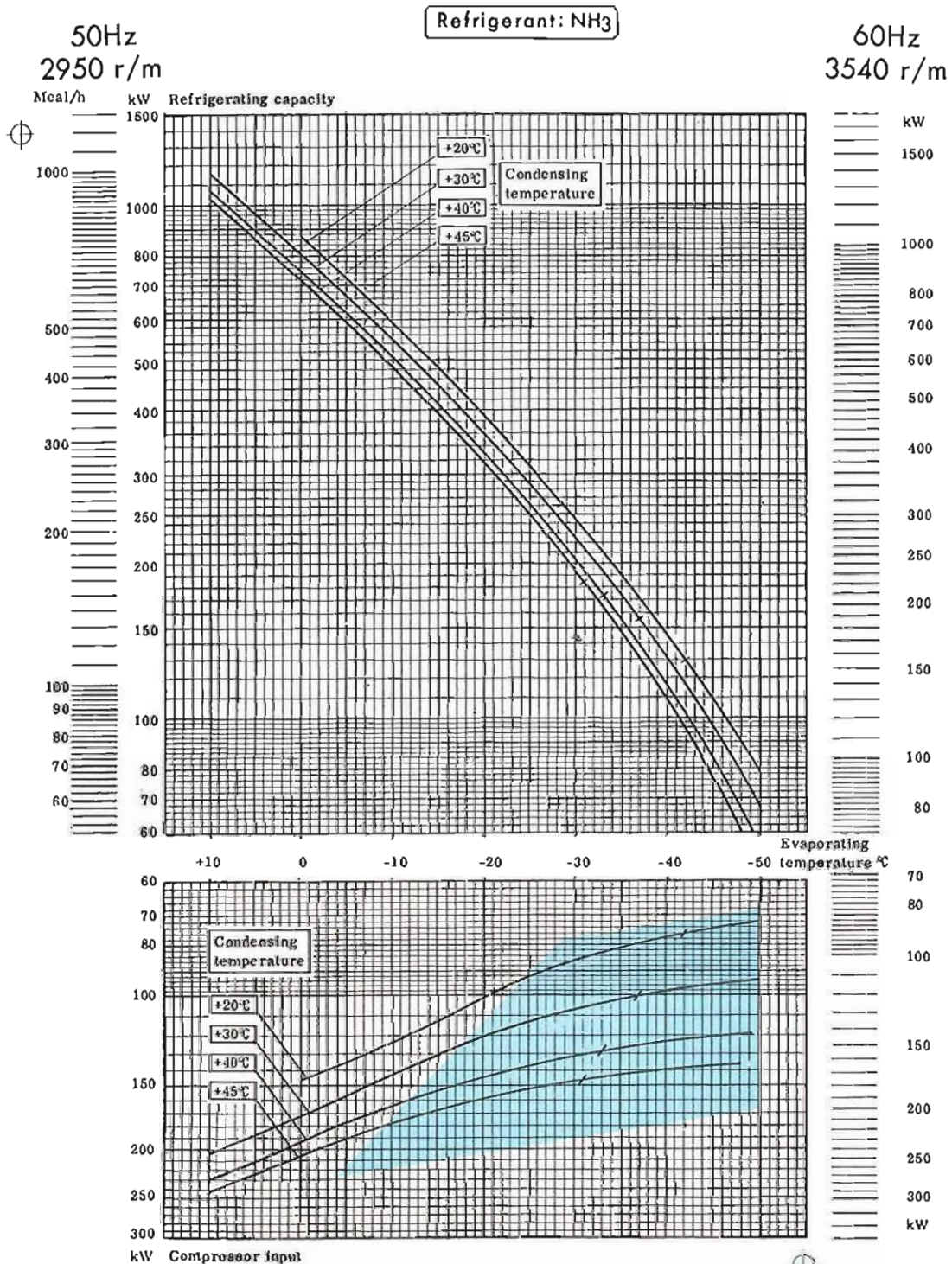
The capacity data are based on measurements with series-produced machines.

Condenser performance

For condenser performance see manual sheet 4840-E-1.

Limitations

There are certain limitations in the operation range of the compressor. At evaporating temperatures lower than those marked with small cross lines on the curves, a special low temperature arrangement must be used. For combination of condensing and evaporating temperatures outside the curves, ask for further information.



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