



Dear customer

You have received an offer from us for a machine with natural refrigerant (NR).

In the standards and regulations are rules concerning machines containing natural refrigerants. In this letter, we wish to make you aware of these particular conditions. In addition we wish to inform you concerning correct operation and also to bring your attention to operating within the guidelines set out in the relevant operating manual.

- 1) The machine may only be operated within the EU and the EFTA states.
- 2) Setting up the machine in public buildings is not allowed.
- 3) Machines with more than 1Kg refrigerant, may not be placed below the ground floorl (GF) according to EN 378,. The refrigerant quantity is stated on the ID label on the rear of the machine.
- 4) The machine is built as a permanently sealed system (BGR104), and tested for leaks. As additional protection with machines containing more than 150gr of refrigerant, we have included a gas warning alarm (GWA). The switch-off takes place at 20% of the lower explosion limit (LEL) via a power isolation relay which must be installed by the operator during machine installation (PIR). The machine would then be safely and securely switched off in event of a fault involving a refrigerant leak.
- 5) The operator is responsible for calibration of this GWA before the first commissioning and the calibration and service intervals according to the manufacturers operating manual. We recommend, in the absence of other information, to set the calibration and service intervals between 6 and 12 months. For increased safety these intervals can be made shorter. On request we can name a competent firm for the calibration and servicing. Please contact our customer service.
- 6) The alarm can be connected to a central alarm system by the operator. The operator is responsible for this and any further arrangements.
- 7) A GWA is not required for smaller machines. However, the size of the operating environment and the quantity of refrigerant must be matched. The size of the room required is calculated as follows:

max. 8g Refrigerant/ m<sup>3</sup> Room size.

Take the quantity of refrigerant used from the data sheet or the type number label on the rear of the machine.

- 8) The machine is not certified for use in an ATEX area.