

MK | MKF | MKT | MKFT series Dynamic climate chambers with dry-air purge



FEATURES

- Allows simulation of a cold and dry climate
- Realization of very low dew points of down to -28 °C
- Retrofittable with all environmental simulation chambers of the MK, MKF, MKT and MKFT series
- Standard pressurized air quality 6 – 8 bar



DRY-AIR PURGE CONNECTION

- Direct connection to an existing on-site compressed air network
- Max. pressure 8 bar
- For ideal unit parameters we recommend the use of a BINDER dry-air purge

	53 Liter	115 Liter	240 Liter	720 Liter
MK	8012-0939	8012-0937	8012-0937	8012-0937
MKF	–	8012-0936	8012-0936	8012-0936
MKT	–	8012-0936	8012-0936	8012-0936
MKFT	–	8012-0938	8012-0938	8012-0936

MK | MKT

- Activation/deactivation through control contact
- Temperature controlling only

DRY-AIR PURGE INCLUSIVE CONNECTION

	53 Liter	115 Liter	240 Liter	720 Liter
MK	8012-0854	8012-0853	8012-0850	8012-0847
MKT	–	8012-0912	8012-0913	8012-0914

MKF | MKFT

- Controlled dry-air purge allows highly dynamic humidity changes
- Particularly well suited for delineating the various standards required by the automotive industry
- Difficult test scenarios are possible, e.g. 0 °C at 30% r.H.
- Specified humidity values are quickly achieved and maintained
- All MKF and MKFT series with dry-air purge optimized for simulation of current automotive standards

DRY-AIR PURGE INCLUSIVE CONNECTION

	53 Liter	115 Liter	240 Liter	720 Liter
MKF	–	8012-0852*	8012-0849*	8012-0751*
MKFT	–	8012-0851	8012-0848	8012-0911

* According to PV 1200, the cool-down and heat-up phases may vary according to the performance of the respective climate chamber. The cool-down phases of the MKF with dry-air purge increase in accordance with the standard:

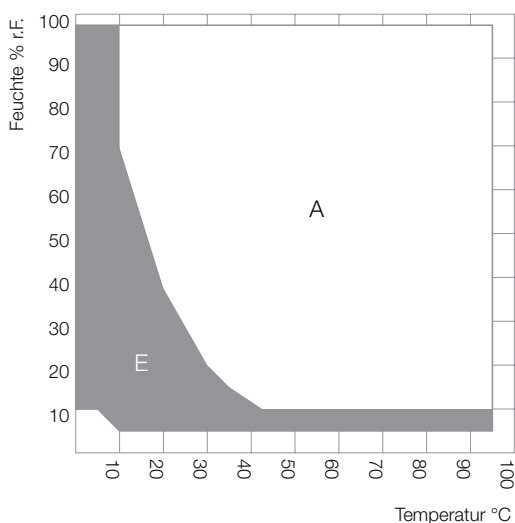
1. By 50 minutes on the MKF 115
2. By 30 minutes in each case for the MKF 240 and MKF 720.

However, by programming the cool-down phase accordingly – for example, in 2 ramps with different degrees of steepness – it is still possible to comply with the 2-hour cooling down time (as stated in PV 1200).

EXCERPT FROM TYPICAL AUTOMOTIVE STANDARDS

- PV 2005
- PV 1200
- PR 308.2

TEMPERATURE-HUMIDITY CHART



A: Standard climate range
B: Extended range with dry-air purge

