JuKo Tech GmbH
Frankfurter Str. 72 · 61239 Ober-Mörlen · Germany
info@jukotech.gmbh · jukotech.gmbh

HACCP weekly report CW 36/2026

Cold Room 02 · 31 Aug – 6 Sep 2026

Customer	Riverside DC GmbH	Report no.	HACCP-ZLN-KR02-2026-CW36
Site	Central warehouse North, Frankfurt am Main	Period	Mon 31 Aug 2026 00:00 – Sun 6 Sep 2026 23:59 (7 days)
Equipment	Cold Room 02 · Positive cold room · meat and dairy	Measuring interval	1 min · resolution 0.1 °C
Measuring point	Room-air probe, measuring point KR02-T1	Data basis	10,080 of 10,080 readings (100%), no gaps
Limits	lower limit –2.5 °C · upper limit 4.0 °C	Created	7 Sep 2026, 06:00 (automatic)

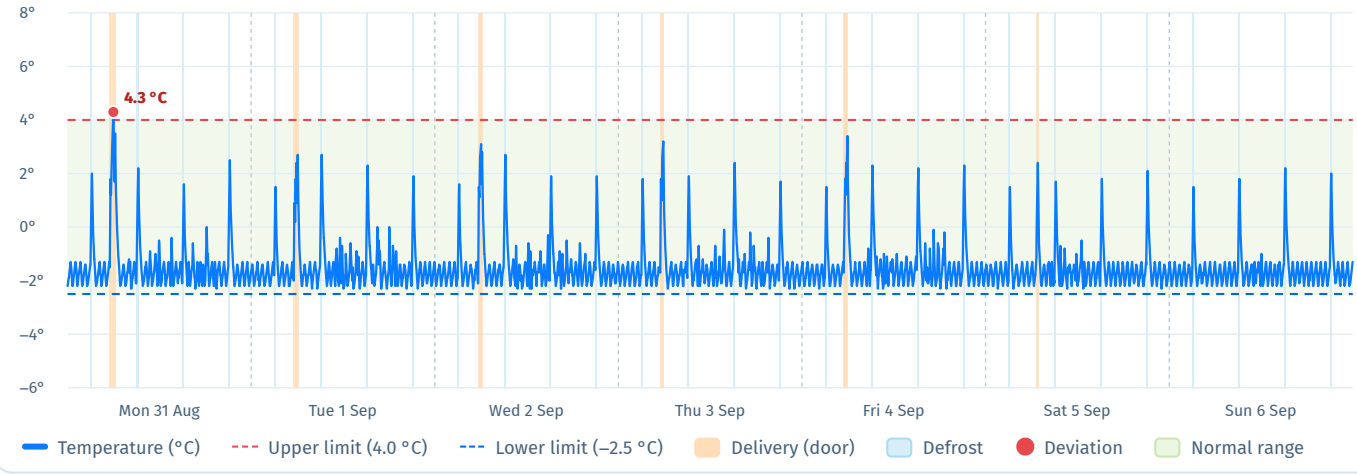
Assessment: deviation closed with corrective action

1 limit deviation in CW 36 (Mon 31 Aug 2026, 05:57–06:03, 6 min, max. 4.3 °C, delivery) – corrective action documented. 28 of 28 defrosts as planned, lower limit never undershot. Time in range 99.94%.

Key figures

MINIMUM	MAXIMUM	AVERAGE	TIME IN RANGE	DEVIATIONS	DOOR OPENINGS
–2.3 °C	4.3 °C	–1.5 °C	99.94%	1	172
Mon 31 Aug 08:19	Mon 31 Aug 05:59		10,074 of 10,080 min	6 min	4 h 48 min

Temperature history CW 36 · 31 Aug – 6 Sep 2026



Daily values

DAY	MINIMUM	MAXIMUM	AVERAGE	TIME IN RANGE	DEVIATIONS	DOOR OPENINGS	DEFROSTS	COMPRESSOR RUN TIME
Mon 31 Aug	–2.3 °C	4.3 °C	–1.4 °C	99.6%	**1 · 6 min**	32 · 56 min	4 · 55 min	10 h 41 min
Tue 1 Sep	–2.3 °C	2.7 °C	–1.5 °C	100.0%	0	29 · 56 min	4 · 55 min	10 h 59 min
Wed 2 Sep	–2.3 °C	3.1 °C	–1.5 °C	100.0%	0	32 · 53 min	4 · 54 min	10 h 45 min
Thu 3 Sep	–2.3 °C	3.2 °C	–1.5 °C	100.0%	0	27 · 44 min	4 · 53 min	10 h 35 min
Fri 4 Sep	–2.3 °C	3.4 °C	–1.5 °C	100.0%	0	34 · 52 min	4 · 55 min	10 h 52 min
Sat 5 Sep	–2.3 °C	2.4 °C	–1.6 °C	100.0%	0	14 · 23 min	4 · 51 min	10 h 11 min
Sun 6 Sep	–2.2 °C	2.2 °C	–1.6 °C	100.0%	0	4 · 4 min	4 · 48 min	9 h 41 min
CW 36	**–2.3 °C**	**4.3 °C**	**–1.5 °C**	**99.94%**	**1 · 6 min**	**172 · 4 h 48 min**	**28 · 6 h 11 min**	**73 h 44 min**

1 Limit deviations of the week

Type	Upper limit exceeded (4.0 °C)	**Duration**	**6 min (6 readings above 4.0 °C)**
Start	Mon 31 Aug 2026, 05:57 (first value above the limit: 4.1 °C)	**Peak**	**4.3 °C at 05:59**
Last value > 4.0 °C	06:02	**Back in range**	06:03 (4.0 °C)
Alarm	05:57 – shift supervisor (portal + e-mail)	**Acknowledged**	06:05 – M. Weber, shift supervisor
Cause	Goods receipt/delivery, door opened repeatedly (5 openings 05:31–06:12, 31 min in total, longest 14 min)		
Corrective action	Door closed, goods put away promptly; core-temperature spot check of the delivered goods: 0.9 °C – goods not affected, released.		
Assessment	Short air-temperature peak without effect on product temperature; no further action required.		
Prevention	Goods-receipt staff instructed to close the door between pallets.		

2 Defrosts (duration · peak)

DAY	03:00	09:00	15:00	21:00	TOTAL DURATION
Mon 31 Aug	12 min · 2.0 °C	16 min · 2.2 °C	13 min · 1.6 °C	14 min · 2.5 °C	55 min
Tue 1 Sep	12 min · 1.5 °C	15 min · 2.7 °C	14 min · 2.3 °C	14 min · 1.9 °C	55 min
Wed 2 Sep	12 min · 1.6 °C	15 min · 2.7 °C	14 min · 1.9 °C	13 min · 1.9 °C	54 min
Thu 3 Sep	12 min · 1.8 °C	14 min · 1.9 °C	13 min · 2.4 °C	14 min · 1.7 °C	53 min
Fri 4 Sep	12 min · 1.5 °C	15 min · 2.3 °C	14 min · 2.2 °C	14 min · 2.3 °C	55 min
Sat 5 Sep	12 min · 1.5 °C	13 min · 1.7 °C	14 min · 1.8 °C	12 min · 2.1 °C	51 min
Sun 6 Sep	12 min · 1.5 °C	12 min · 1.8 °C	12 min · 2.2 °C	12 min · 2.0 °C	48 min

Planned operating states (compressor and fans off, heater on, 2 min drip time) – peaks below the upper limit, not a deviation.

Notes

Deliveries Mon–Fri around 05:30, shorter on Sat around 06:30, no delivery on Sun. All days recorded without gaps (1-minute interval). Door alarms (door open longer than 5 min, all during deliveries, acknowledged): Mon 31 Aug: 2 · Tue 1 Sep: 2 · Wed 2 Sep: 3 · Thu 3 Sep: 3 · Fri 4 Sep: 2 · Sat 5 Sep: 0 · Sun 6 Sep: 0; 12 in total.

Checksum

SHA-256 of the measurement data (10,080 values, CSV):

3fcceb274466f56072411868ba7b5ed84d76b4a1178b6e14b6765e1562f0bebf

3 Acknowledgement

Reviewed by: _____ Date: _____ Signature: _____