

SUBJECT: MAX HARVEST ISSUES ON CIM REMOTE CUBERS IN COLD AMBIENTS

Number: 2020-02
Product: CIM REMOTE CUBERS
Date Issued: MAR 2020
From: Technical Services

When encountering a CIM Remote Cuber in cold ambient conditions timing out on maximum harvest error, please take the following steps listed PRIOR to contacting Technical Services regarding Condenser replacement.

- 1) Verify ambient conditions of operation for the unit, making sure they are within Ice-O-Matic's operational parameters (-20°F to 120° F at the Condenser and 50° F to 100° F at the Ice Maker).
- 2) Verify ice formation on the Evaporator(s). Ice should be even from top to bottom of the Evaporator at initiation of Harvest. Thin ice in the middle could indicate a low refrigerant charge or system contamination.
- 3) Recover the refrigerant charge and weigh it. Compare the recovered charge to the listed charge on the unit. If a low charge is found, weight proper charge into the unit and perform a system leak check.
- 4) Use the chart below to properly charge the system, taking caution not to exceed the maximum charge listed for the unit.

ICE MAKER MDL #	REMOTE CONDENSER MDL #	LISTED SYSTEM CHARGE	MAXIMUM LOW AMBIENT CHARGE*
CIM0530	RGA0501 w/ HEADMASTER KIT	132	164
CIM0530	RCA0501 (In Development 2/28/2020)	132	164
CIM0530	RCA1001	132	164
CIM0535	RCA1001	132	164
CIM0635	RCA1001	132	164
CIM0636	RCA1001	132	164
CIM0835	RCA2061	176	208
CIM0836	RCA2061	176	208
CIM1135	RCA2061	176	208
CIM1136	RCA1001	176	208
CIM1136	RCA2061	176	208
CIM1445	RCA2061	250	282
CIM1446	RCA2061	250	282
CIM1446	RCA3061	250	282
CIM2045	RCA3561	292	356
CIM2046	RCA3561	292	356

*This charge does NOT include 28 ounces of R404a for line set runs in excess of 75 ft.