

**SUBJECT: ICE1006 CUBER VERSION 3 & 4**

**Number: 08-31**  
**Product: Cuber**  
**Date Issued: October 2008**  
**From: Technical Service**

Several changes are being made to the ICE1006 Series Cuber as part of our continuous product improvement process. These changes include: a fan cycle control, automatic-reset high pressure control and the relocation and change of the high temperature safety control settings.

An energy efficient compressor combined with single serpentine evaporators allows the unit to meet capacity needs. A fan cycle control is being added to improve low ambient performance.

The high temperature safety control has been changed to open at 180°F and close at 120°F. The control is mounted on the hot gas valve outlet tube and is wired in series with the compressor contactor coil. If the high temperature safety control opens for any reason, the contactor will open and the compressor will shut down. The water pump will continue to run

Listed below are the specifications for the ICE1006 **Version 3 & 4**.

<b>Model Number</b>	<b>ICE1006 Air 3</b>	<b>ICE1006 Water 3</b>	<b>ICE1006 Remote 4</b>
Voltage	208-230/60/1	208-230/60/1	208-230/60/1
Minimum Amps	14.2	12.8	13.8
Fuse	20	20	20
Compressor			
R.L.A.	9.0	9.8	9.3
L.R.A.	56	56	61
Remote Condenser	N/A	N/A	VRC2061

### **Suggested Stocking Part Numbers**

#### **Air and Water Cooled**

Compressor Kit (Includes Start Components)	9181107-11
Compressor Start Capacitor	9181003-07
Compressor Run Capacitor	9181009-16
Compressor Start Relay	9181010-12

#### **Remote**

Compressor Kit (Includes Start Components)	9181090-11
Compressor Start Capacitor	9181003-19
Compressor Run Capacitor	9181009-12
Compressor Start Relay	9181010-10

Water Trough	9051537-01
Evaporator Splash Curtain	9051154-12
High Temperature Safety Control	9041098-01 (Open at 180°F and Close at 120°F)
Expansion Valve	9151147-01

### **Specific Charge Information R404A**

ICE1006 Air 3	34 ounces
ICE1006 Water 3	29 ounces
ICE1006 Remote 4	176 ounces

### **Pressure Settings**

Timer Initiate Control (LP Control)	
ICE1006 Air 3	36 psi
ICE1006 Water 3	36 psi
ICE1006 Remote 4	36 psi
High Pressure Control	450 psi
Pump Down	10-35 psi

**If you have any questions, please contact the Ice-O-Matic Service Department at 1-800-423-3367**