

SUBJECT: ICE1005 CUBER VERSION 3 & 4

Number: 08-30
Product: Cuber
Date Issued: October 2008
From: Technical Service

Several changes are being made to the ICE1005 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 ICE1005 Version 3 & 4.

Model Number	ICE1005 Air 3	ICE1005 Water 3	ICE1005 Remote 4
Voltage	230/50/1	230/50/1	230/50/1
Minimum Amps	12.6	12.0	15.2
Fuse	16	16	16
Compressor			
R.L.A.	8.3	9.1	10.3
L.R.A.	58	58	58
Remote Condenser	N/A	N/A	VRC2061

Suggested Stocking Part Numbers

Compressor Kit (Includes Start Components)	9181090-12
Compressor Start Capacitor	9181003-07
Compressor Run Capacitor	9181009-12
Compressor Start Relay	9181010-12
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

ICE1005 Air 3	34 ounces (964 Grams)
ICE1005 Water 3	29 ounces (822 Grams)
ICE1005 Remote 4	176 ounces (4990 Grams)

Pressure Settings

Timer Initiate Control (LP Control)	
ICE1005 Air 3	39 psi
ICE1005 Water 3	39 psi
ICE1005 Remote 4	38 psi
High Pressure Control	450 psi
Pump Down	10-35 psi