

SUBJECT: ICE1007 CUBER VERSION 3 & 4

Number: 08-32
Product: Cuber
Date Issued: October 2008
From: Technical Service

Several changes are being made to the ICE1007 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 ICE1007 Version 3 & 4.

Model Number	ICE1007 Air 3	ICE1007 Water 3	ICE1007 Remote 4
Voltage	208-230/60/3	208-230/60/3	208-230/60/3
Minimum Amps	12.2	7.1	10.8
Fuse	15	15	15
Compressor			
R.L.A.	7.4	5.3	6.9
L.R.A.	51	51	51
Remote Condenser	N/A	N/A	VRC2061

Suggested Stocking Part Numbers

Compressor Kit	9181107-13
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

ICE1007 Air 3	34 ounces
ICE1007 Water 3	29 ounces
ICE1007 Remote 4	176 ounces

Pressure Settings

Timer Initiate Control (LP Control)	
ICE1007 Air 3	37 psi
ICE1007 Water 3	37 psi
ICE1007 Remote 4	39 psi
High Pressure Control	450 psi
Pump Down	10-35 psi