



JOB NUMBER: 05013013
 JOB NAME: AMERICAN INDUSTRIAL REFRIGERATION / WAL-MART
 LOCATION: LEWISTON, ME
 CUSTOMER TAG NO.: EC-C-3

DATE: JULY 18, 2005
 REVISION: AS BUILT
 B - MAY 4, 2005 - RELEASE FOR FABRICATION
 A - APRIL 26, 2005 - UPDATED PFCC SIZE, ADDED WIREWAY
 MARCH 11, 2005 - ORIGINAL

PROJECT ENGINEER: G. ROELKE

MODEL: 565GL
 SEPARATOR SIZE: 36"
 REFRIGERANT: R-717
 TYPE OF COOLING: TSOC
 APPLICATION: HIGH STAGE
 VARIABLE VI
 TYPE OF CONTROL: MICRO III

OPERATING CONDITIONS:

SAT. SUCTION TEMPERATURE	20	°F
SAT. SUCTION PRESSURE	32.8	PSIG
SAT. DISCHARGE TEMPERATURE	93	°F
SAT. DISCHARGE PRESSURE	174.8	PSIG

PACKAGE RATINGS:

CAPACITY	602.8	TONS
POWER	624.9	BHP
OCHR	439.9	MBH @ 100%
	536.8	S.V.
		MBH @ 0% S.V.

Ratings are for the complete package including losses for FES supplied suction and discharge stop valves. Stop valves supplied by others may have losses slightly greater or less than those used in the calculation.

DRAWINGS

GENERAL ARRANGEMENT	05013013-01E
PIPING SCHEMATIC	05013013-02D
CONTROL DIAGRAM	05013011-04D
FIELD & STARTER WIRING DIAGRAM	05013011-05D
MICRO III ENCLOSURE	05013011-03D
COMMUNICATION NETWORK DIAGRAM	725-00510D