1. CAUTION: Flex cable assemblies used with the Flow Interlock board are not one to one, they mirror the connections.

New System Interconnect Board

Coolie Box

Sensor J5

AMP 499997-1

DigiKey M7SSK-0906R 9 cond. ribbon cable, 36" 9Df

AMP 499997-4

DigiKey A3AAG-2036M 20 cond. ribbon cable, 36" 20f

Analog I/O J4

AMP 499997-2

DigiKey A3AAG-1436M 14 cond. ribbon cable, 36" 14f

Digital I/O J6

AMP 499997-2

DigiKey A3AAG-2036M 20 cond. ribbon cable, 36" 20f

New System Interconnect Board

Sensor Interface

Sensor Interface

Flow Interlock

AMP 103638-3

DigiKey A9CCG-0408F 4 Cond Flexable

AMP 104257-3

Digital I/O J6

AMP 499997-2

DigiKey A9CCG-0408F 4 Cond Flexable

Analog I/O

AMP 103638-3

Flow Interlock

AMP 103638-3

Typical

Note 1.

Digital I/O

Pulser

FLOW Control Panel

Peltier P/S

Air

Water

Peltier Thermostat

T1 T2 T3 T4

T5 H1

11 Friday, February 04, 2005

Title

CMS Cold Box System Interconnects

Size

A

Document Number

2-04

Rev

B

Date

Friday, February 04, 2005

Sheet

1 of 1