



INSTALLATION REPORT

CLIENT / LOCATION

DATE

TIME (of the day)

COMPANY NAME:

TECH NAME:

Panama Viejo, Panama City

April 6, 2025

12:00

Copper Group

Danilo

MAKE

MODEL

TR (Ton)

BTU

REFRIGERANT TYPE

REPLACEMENT - ECO KOLD

Advina

Central

5 Ton

60,000 BTU

R 410A

HCR 4141

MEASUREMENTS

VOLTS 1 / PHASE

VOLTS 2 / PHASE

VOLTS 3 / PHASE

AMPS 1 / PHASE

AMPS 2 / PHASE

AMPS 3 / PHASE

TOTAL

LOW PRESSURE (L)

HIGH PRESSURE (H)

INJECTION TEMP

INSIDE TEMP

OUTSIDE TEMP

RECOVERED (KG/LB)

CHARGED (KG /LB)

COMMENTS

BEFORE	AFTER	SAVINGS
220	220	
15.12	8.83	41.60%
11.77	6.87	41.63%
-	-	-
26.89	15.70	41.61%
132 PSI	78 PSI	
-	-	
6.9 C	6.4 C	
23.8 C	20.3 C	
34.5 C	34.5 C	
	-	
	-	

--

	BEFORE	AFTER
Pressure	 A digital manifold gauge with a black face and yellow buttons. The display shows 'R410A' at the top, followed by two large numbers: '132.3' on the left and '324.3' on the right. Smaller numbers '75' and '38.3' are visible above the main numbers. The gauge is labeled 'Im 120+ DIGITAL MANIFOLD GAUGE'.	 A digital manifold gauge with a black face and yellow buttons. The display shows 'R410A' at the top, followed by two large numbers: '78.4' on the left and '162.2' on the right. Smaller numbers '67' and '142' are visible above the main numbers. The gauge is labeled 'Im 120+ DIGITAL MANIFOLD GAUGE'.
AMPS 1	 A digital multimeter with an orange and black casing. The display shows '15.12'. It is labeled 'True RMS' and 'MAX 400mA FUSED MAX 600V'.	 A digital multimeter with an orange and black casing. The display shows '0.883'. It is labeled 'True RMS' and 'MAX 400mA FUSED MAX 600V'.
AMPS 2	 A digital multimeter with an orange and black casing. The display shows '1.17'. It is labeled 'True RMS' and 'MAX 400mA FUSED MAX 600V'.	 A digital multimeter with an orange and black casing. The display shows '0.687'. It is labeled 'True RMS' and 'MAX 400mA FUSED MAX 600V'.
INJECTION TEMP	 A handheld infrared thermometer with a black and orange body. The display shows '23.0'. It is labeled 'MAX 400mA FUSED MAX 600V'.	 A handheld infrared thermometer with a black and orange body. The display shows '20.0'. It is labeled 'MAX 400mA FUSED MAX 600V'.