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ESSENTIAL CLAMP METERS

Feature rich for HVACR pros

Whether you're working on small circuitry in mini-splits or on large commercial units, the SC480 and SC680 are packed with everything you need to install, service, and troubleshoot any HVACR system.





Power Meters, SC480, SC680

- Measures Power (kW)
- Use on variable frequency drives (VFDs)
- True RMS & Low Pass Filter for VAC/Hz
- **Test Diodes and Resistance up to 50MΩ**
- Molex tip leads for small power connectors
- DC Amps, Dual Temp, Swivel Clamp, Lead Storage (SC680)

Job Link® System App Intergration!

Pair all your wireless tools in the Job Link®
System App to document and create a complete
system report. All measurements are live
and in real time so you can see exactly how
adjustments are affecting the system.

Document all measurements

Clearly communicate the health of the system with your customers.

- Wireless Bluetooth Beacon
- 115' (35 meters) wireless connection direct to mobile device
- Document electrical measurements
- Calculate power and system efficiency
- Measure accurate blower amperages behind the door
- Wireless monitoring of compressor VAC and AAC

₩		Measurements Repor			
HVAC/R Co. Tony Gonzalez Tony License# B12312894	E			fieldpiece@field www.field	123 Main Stre Tel 22212311: spiecejoblink.co spiecejoblink.co
MEASUREM	ENTS				
AIR SIDE		REFRIGERANT SIDE		ELECTRICAL	
Date	2019-08-26		19-08-26	Date	2019-08-2
Time	09:29:26		09:29:26	Time	09:29:2
Return Air Dry Bulb	75.2 °F	Retrigerant	R-410A	Cap	72.24 µ
Supply Air Dry Bulb	55.8 °F	Suction Line Pressure 11	8.7 PSIG	MARKS	0.0
Target Evaporator Exit Temp	57.4 F	Liquid Line Pressure 28	3.9 PSIG	Volt Amps	206.7 VA 16.39 AA
Return Air Wet Bulb	64.3 °F	Vapor Saturation Temp	40.1 °F	Tag	Powe
Supply Air Wet Bulb	52.9 F	Liquid Saturation Temp	92.0 °F	Power Factor	0.
Return RHS.	55.3 %	Suction Line Temperature	53.9 F	LI	16.37 AA
Supply RHTs	82.9 %	Liquid Line Temperature	89.1 °F	L1L2	207.0 VA
Return Dew Point	58.1 °F	Outdoor Dry Bulb Temperature	95.0 °F	L2 PF	16.37 AA
Supply Dew Point	50.7 °F	Target Superheat	10.0 F	SEER	15.49 SEE
Return Enthalpy 29.	S BTU/fbm	Actual Superheat	13.8 °F	EER	12.50 EE
Supply Enthalpy 21.	9 BTU/fbm	Target Subcooling	10.0 F	Partie Comment	
Cooling CFM 1	200.0 CFM	Actual Subcooling	2.9 F		
Cooling System Capacity	40328.8 btufty		-		
Heating CFM Heating System Capac	by .				
REFRIGERANT	SCALE				
	No refrigerant scale values saved				

Sample of free Job Link App report. Share pdf report from mobile device. Personalize with company logo and address.





Top-of-the-Line HVACR Meters	<i>5C480</i>	<i>SC680</i>
Measures Power (kW) for system efficiency	✓	✓
Has True RMS and Low Pass Filter (LPF) to obtain accurate VFD readings	✓	✓
Indicates 3-phase rotation with two leads	✓	✓
Measures start/run capacitors	✓	✓
Molex tips reach into power connectors	✓	✓
Magnet for mounting meter during use	✓	✓
Safety rated CAT IV-600V/CAT III-1000V	✓	✓
DC Amps and Diode for mini-split inverters	✓	✓
Dual temperature for delta T		✓
Swivel clamp to view readings at any angle		✓
Test lead storage		✓
Backlit dial		✓

