Fieldpiece vacuum gauge instructions



SVG3 Digitial Micron Vacuum Gauge is a compact, durable sensor that is loaded with features that HVACR professionals need to help them do more. It includes a large, double display with speed indicator, alarm, timer, rugged rubberized body, and a hook on the strap that allows a vacuum sensor that will hang at any angle. SVG3 contains features to make evacuation easier and faster. The display has bright illumination for high visibility in any situation. To minimize leakage SVG3 has a shredder depressor that can connect directly to the main removal tool, or directly to the service port. Fewer connections reduce the possibility of leaks that are not related to the system. The speed indicator helps determine if there are any leaks in the system. When the vacuum reaches a low alarm point, an alarm is heard, the lights flash, and the integrated stopwatch restarts to show the technique how long the system supports a deep vacuum. You can set both high and low alarms. And the timer can show how long it took to get to the alarm and how long it took to get connections 1 Micron Resolution, 0 - 9999 Micron Range Units Of Measurement: microns (um) mercury, mmHg, mbar, mTorr, Torr, and Pascals Alarms and Stopwatch - Be vigilant when the system drops to the desired level, and know how long it took to see some big times in the HVAC industry. that you might not expect to work together to reach new heights that they could never reach on their own. Thanks Jim! Digital vacuum sensor - SVG3 Micron Gauge Micron Vacuum Gauge - SVG3 Tee Fitting Operator's Manual 4 AAA Batteries Flyers Package Art Fieldpiece Fast Start 1. Power on your SVG3, holding Easy View 2. Connect to the system directly to the unused port service, the Schroeder Core Vacuum Sensor Removal Tool (SCRT), or through hoses. OPERATOR GUIDE 3. View the vacuum measurements on the top line and the speed at which the SVG3 model changes. (±mikorons per minute) on the bot-volume line. Certificates MIN SVG3 VACUUM GAUGE ALARM ALARM ENTER UNITS Fieldpiece 01 02 How to use normal mode Recommended deep vacuum measures for your evacuation system moni-tor. Deep vacuums remove moisture and non-condensed gases that can cause problems in the system. There are many ways to connect to the system, Fieldpiece recommends using SCRT and the shortest vacuum rating hoses possible. Fewer connec-tions reduce the potential for leaks. ANXIETY 1. Connecting to the system. Technology is usually CONNECT ENTER ING to the Schroeder Core Removal Tool (SCRT) or unused service port. 2. Hold for 1 second to power on SVG3. 3. The upper display shows a vacuum in mercury microns. 4. The lower display shows how guickly the measure-ment grows or or (± micron mercury per minute). Schroeder Core Hose to Remove Pump Tool (tool not included) 07 08 Description Correct evacuation of any system button within 1 second. exposure to the atmosphere is crucial to ensure that the system is dry and rigid. SVG3 is the right tool to help HVACR professionals verify that they are reaching the proper vacuum level. See your vacuum measurements clearly and easily with a newly designed hook of easy viewing and backlighting. The SVG3 is built for field use with a sturdy rubber casing. S V G 3 h a s a f l a r e f i t t i n g w i t h c h r a d e r v a l e e e r e r e s o r o o u c a n соединяют его непосредственно в порт обслуживания или ваш инструмент удаления ядра Schrader (SCRT) сокращает соединения и сводит к минимуму утечки C-Tick (N22675) Будьте предупреждены, когда вы достигли желаемого уровня вакуума со встроенными функциями CE в Hi и Lo Alarm. Check for leaks showing the speed in WEEE microns per minute. A HVACR professional can do more with the confidence that he RoHS Compliant is doing the job right the first time. 03 Setup MIN MIN SVG3 SVG3 VACUUM GAUGE VACUUM GAUGE ALARM ENTER UNITS Fieldpiece UNITS Fieldpiece Other Common To Service Pump Directly to Service Port 09 Display f e m a l e 1 / 4 SVG3 Top Line: Live Vacuum Measurement in Units selected VACUUM Bottom Line: Rate of Change or Alarm GAUGE Stopwatch MIN ALARM MIN Auto Power Off Battery Life SVG3 Alarm Set Mode SVG3 Low Alarm Mode ENTER VACUUM High Alarm Mode VACUUM UNITS GAUGE GAUGE Rate of Change MIN Fieldpiece ALARM (±Units Selected Per Minute) MIN MIN SVG3 SVG3 SVG3 SVG3 SVG3 SVG3 SVG3 VACUUM VACUUM ENTER GAUGE GAUGE SVG3 SVG3 ENTER VACUUM GAUGE UNITS ALARM ALARM VACUUM GAUGE UNITS VACUUM VACUUM Fieldpiece GAUGE Fieldpiece ALARM GAUGE GAUGE Low and High Alarms ALARM ALARM ALARM ALARM ALARM ENTER Be alerted when you've reached your UNITS UNITS ENTER Fieldpiece Fieldpiece desired vacuum levels. Work on other UNITS ENTER ENTER Fieldpiece tasks at work place and let SVG3 alert ENTER UNITS UNITS ENTER Fieldpiece to you when the system is ready. UNIT UNITS MIN Fieldpiece Fieldpiece Activate Low Signaling (default 500 microns SVG3 VACUUM) to warn when the vacuum has GAUGE ALARM dropped to the desired micron level. ENTER UNITS activates a high alarm system (default 1000 micron Fieldpiece) to see how long it takes the system to stabilize after the vacuum pump has been insulated. If the system does not stabilize over time, you may have a leak in the system or your con-nections. The second-rower will start when the alarm is activated. It will be restarted when the low alarm setting has been achieved to show the hose how long you have pulled the vacuum after removing to achieve the desired level of micron. The second-rower will stop when Port's high alarm has been reached to show how long it took to climb up to your high anxiety value. When the ALARM is activated, UP or DOWN ARROW switches and the rate of change (± microns per mine-ute) display. 10 SVG3 Control VACUUM GAUGE ALARM MIN Hold 1 second to power SVG3 on/off. Tap qlt;1 second to toggle' backlight.' min' svg3' enter units' vacuum' fieldpiece' press to activate the alarm q lo,' alarm q hi,and the gauge' svg3' return to real' time mode.' or exit' alarm' set' mode.' gauge' alarm' min' enter' min' press' to lock' in q selected digit' and q move q units' fieldpiece q to' next digit' in the alarm' set' mode.' press and g enter svg3' hold g gt'1 second to change units. UNITS Fieldpiece F i e I d p i e e vacuum GAUGE U I T S E E E R Increase or decrease flashing figures in ALARM Alarm Set Mode. Switch to display the stopwatch or change rate when the alarm is activated in real time. LARMENTER UNITS GAUUE Fieldpiece VACUMVG3 BACKLIGHT NOTE: the backlight timer automatically MIN is extended by 1 min at the touch of any button. The short push switches the lights on and off. MIN 05 How to activate the alarm 1. Tap ALARM to activate a low alarm. 2. Tap ALARM again to disable the low alarm and activate the high alarm. 3. Tap ALARM again to turn off the high alarm and return to real-time mode. How to set the default alarm low (500 microns) and high (1000 micron) alarm values can easily be set on whatever you want. 1. Hold ALARM for 1 second to enter alarm set mode. The first digit lo alarm will flash. 2. Use ARROWS to change the flashing number. Click ENTER to record the number and move on to the next digit. Repeat for all LO alarm numbers. 3. When the LO alarm is complete, the first digit of the HI alarm will flash. Use ARROWS to change the flashing number and move on to the next digit. Repeat for all LO alarm numbers. 3. When the LO alarm is complete, the first digit of the HI alarm will flash. Use ARROWS to change the flashing number. Click ENTER to record the number and move on to the next digit. Repeat for all HI alarm numbers. 4. When all hi-signal numbers are locked, you will automatically exit the alarm set mode and your individual alarm values will be saved. Note: Anytime in alarm mode, you can press ALARM to switch between the HI alarm set and the LO alarm set. Keep ALARM to get out of alarm kit mode and save at all times. Note: Err will show if you try to set the HI alarm lower than the lo alarm, or LO alarm higher than the hi alarm. 11 Operating temperature: 32 degrees Fahrenheit (0 degrees Fahrenheit)

Celsius) to 122 degrees Fahrenheit (50 degrees, 75 degrees RH storage) temperature: -4 degrees Fahrenheit to 14 (-20 degrees Fahrenheit) (0 to 80% rh) In the range: OL displays power: 4 x AAA batteries, NEDA 24A, JIS UM4, IEC R03 Auto is off: after 15 minutes of readings over 10,000 microns if the APO is active. Battery life: 40 hours of standard use (alkaline) without illumination. Low battery life: Displayed when the battery voltage falls below the operating level. Vacuum pressure units: mercury microns (mkm), mmHg, mbar, mTorr, Torr, and Pascals Connector class: Standard 1/4 female flash installation. T installation is included (3/lt;/18)C'gt; Port flash) Range: 0 to 9999 microns of mercury (9,999 mmHg, 13.33 mbar, 9999 mTorr, 9.999 Torr, 1333 Pa) Precision: ± (5% from reading 5 microns), 50 to 1000 Resolution: 1 micro (50 to 2000 micro 250 microns (2001 to 5000 microns), 500 microns), 500 microns (8001 to 9999 microns) Speed: units selected per minute update : 0.5 seconds Atmospheric pressure : OL will display maximum congestion pressure: 500 psig 06 How to change Unit 1. Tap and hold ENTER to enter Change Units mode. The selected current units will be displayed. 2. Click UP or DOWN arrows to switch the list of available units. Microns-mmhg-mbar-mtor-torr-Pascal. Focus on the units you want to choose. 3. Click ENTER to save the selection of units and return to real-time mode. Micron mm Mercury (Hg) millibar milliTorr Torr Pascal 12 12

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