ManTooth® Digital Manifold

Quick Start Guide



Key Function

ON / OFF key: power on/off and refrigerant switch.

LIT / UNIT key: Back-light and unit setting

ZERO key: pressure re-zero, refrigerant switch and unit switch

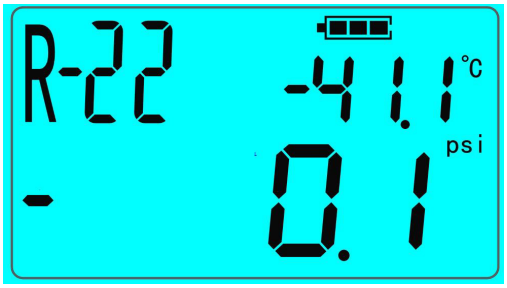
Operation:

Normal Mode

1. Press the ON/OFF key to turn on the meter when the power is off. The display shows all digits on the display for three seconds and then shows the current pressure, refrigerant name and the saturation temperature as shown in typical display.
2. Press LIT/Unit key to turn on the back light (around eight seconds).
3. Press and hold ZERO key for three seconds to re-zero the pressure. During the re-zero processing, the display shows “8888”.
4. Press and hold ON/OFF key for three seconds to turn off the meter. Before the meter is turned off, the display shows “OFF”.
5. Press the ZERO key to switch the refrigerant forwards. And press the ON/OFF key to switch the refrigerant backwards. The refrigerant name and the saturation temperature are updated after switching the new refrigerant.
6. Press and hold LIT/Unit key for three seconds to enter the unit setting mode.

Unit Setting Mode

1. After entering the setting mode, the current temperature unit flashes as the first setting unit. Press LIT/Unit key to switch between two temperature units. The selected unit flashes.
2. Press and hold LIT/Unit key for three seconds to change the next setting unit, the pressure unit. The current pressure unit flashes.
3. Press LIT/Unit key to switch the pressure unit as below in turn. The selected pressure unit flashes.
   psi → bar → MPa → Kg/cm2 → kPa → psi →
4. Press and hold LIT/Unit key for three seconds to return to the normal mode.



Battery Capacity

The LCD display has a battery bar for the battery life indicator. There are four levels for the battery life. Three-bar means the maximum battery capacity and no bar (the outline only) means the battery is almost exhausted. If only the outline is left, the meter will be automatically turned off.

The backlight power consumption may make an apparent battery voltage drop when the battery capacity is near only one bar. User may need to replace with a new battery earlier if the backlight consistently used.

Refrigerant Support:

The 23 types of refrigerant support are listed as follows:
R-22, R-23, R-32, R-124, R-134A, R-290, R-404A, R-407C, R-407F, R-408A, R-410A, R-417A, R-427A, R-444B, R-448A, R-449A, R-452A, R-454B, R-507, R-513A, R-600A, R-1234YF, and R1270

LIFETIME GUARANTEE: Your new YELLOW JACKET® manifold bar is covered by a unique LIFETIME GUARANTEE. The LIFETIME GUARANTEE applies only to the manifold bar shown below. However, in order for us to provide the best resolution, we ask that you include the manifold bar, gauges, valves & handles when returning for service. DO NOT include any hoses with the return.

If for any reason the manifold bar becomes inoperative, please contact YELLOW JACKET® customer service for a warranty service repair order (SRO) authorization number and label that must accompany the manifold upon return. Postage and handling costs vary by items and will be advised by the customer service representative.

Replacement parts and the complete YELLOW JACKET® product line can be purchased from your Ritchie Engineering, YELLOW JACKET® distributor.

Ritchie Engineering Company, Inc.
YELLOW JACKET® Products Division
10950 Hampshire Avenue South
Bloomington, MN 55438-2623
Phone: (800)769-8370 or (952)943-1333
E-mail: custserv@yellowjacket.com

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