

DIGITAL PRESSURE/TEMPERATURE CHART

The Mastercool 52245 is a compact Digital Pressure Temperature Chart. This pocket sized device offers fast and accurate temperature references on a large easy to read LCD display. The automatic power down feature shuts the unit OFF five minutes after the last command to insure extended battery life.



52245 displays 61 refrigerants: R11, R12, R13, R21, R22, R23, R32, R113, R114, R115, R116, R123, R124, R125, R134, R134a, R141B, R142B, R143, R143A, R152A, R176, R218, R290, R401A, R401B, R401C, R402A, R402B, R403A, R403B, R404A, R405A, R406A, R407A, R407B, R407C, R407D, R408A, R409A, R410A, R410B, R411A, R411B, R412A, R413A, R414A, R414B, R501, R502, R503, R504, R507, R508B, R509A, R600, R600A, R601, R601A, R717 and R744.

Pressure readings are available in **PSI, BAR** and **MPa**.



Temperature readings are available in **°F** or **°C**. Battery is included.

Operating Instructions



1) Press **ON/OFF** to turn unit **ON**

2) Press **UP**  or **DOWN**  to select the desired Refrigerant.
• Press **ENTER** to confirm the selection

After refrigerant has been entered, the pressure symbol (PSI, BAR or MPa) will blink.

3) Press **UP**  or **Down**  to select Pressure reading in PSI, BAR or MPa.
• Press **ENTER** to confirm the selection

After pressure unit has been entered, the °F or °C symbol will blink.

4) Press **UP**  or **Down**  to select the Temperature reading in °F or °C.
• Press **ENTER** to confirm the selection

5) Use the **UP**  or **Down**  to select temperature reading. The pressure reading will change automatically to correspond with temperature reading.

NOTE: Refrigerant blends, such as 400 series, exhibit a "glide" characteristic. For these refrigerants, the unit will show "Superheat" or "Subcool" in the upper right side of display. The superheat indicates the "Dew" point of the * PH Diagram. The subcool indicates the "Bubble" point of the * PH Diagram. 50°F (10°C) is the reference temperature for change from superheat to subcool.

6) Press **ON/OFF** to turn unit **OFF**

* **PH: Pressure / Enthalpy**



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"World Class Quality"