



Mastercool[®] Inc.
"World Class Quality"

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NITROGEN PRESSURE REGULATORS

Mastercool's new nitrogen regulator is specifically designed to meet the specifications of HVAC/R and automotive A/C systems. This single stage nitrogen regulator is used to test systems for leaks when they do not contain refrigerant.



Directive 97/23/EC

- 1/4" SAE flare outlet port, with control valve, to keep pressure on the regulator at all times
- T-Handle for ease of pressure adjustment
- 63 mm (2 1/2") gauges with guards
- High pressure gauge 4400 psig (300 bar)
- Low pressure gauge 1000 psig (70 bar)
- Kits come with leak testing gauge and charging hose, packaged in a blow molded case



53010 PRESSURE TESTING REGULATOR KIT

- 53001 Nitrogen Pressure Regulator
- 48" Yellow Charging Hose (47482)
- Leak Testing Adapter (53042)
- Blow molded case (53000-PB)

53020 PRESSURE TESTING REGULATOR KIT

- 53002 Nitrogen Pressure Regulator
- 48" Yellow Charging Hose (47482)
- Leak Testing Adapter (53042)
- R410a Straight Adapter 1/4 FL-M x 5/16 Swivel-F (90413)
- Blow molded case (53000-PB)

53030 PRESSURE TESTING REGULATOR KIT

- 53003 Nitrogen Pressure Regulator
- 48" Yellow Charging Hose (47482)
- Leak Testing Adapter (53042)
- R410a Straight Adapter 1/4 FL-M x 5/16 Swivel-F (90413)
- Blow molded case (53000-PB)

53040 PRESSURE TESTING REGULATOR KIT

- 53004 Nitrogen Pressure Regulator
- 48" Yellow Charging Hose (47482)
- Leak Testing Adapter (53042)
- Blow molded case (53000-PB)

NITROGEN PRESSURE REGULATORS

Model #	53001	53002	53003	53004
Standard	CGA580 (US)	DIN477#6 and DIN477#10 (This unit includes an adapter to convert DIN477#6 to DIN477#10) (France/Germany)	BS3 (England)	AS2473.2 (Australia)
Outlet Connection	1/4 FL-M outlet connection			

OPTIONAL ACCESSORIES

PART #	DESCRIPTION	53042 Leak Testing Adapter	47482 48" Yellow Charging Hose
66434-R	High Side Standard R134a 1/4" FL-M x 13mm Economy Coupler	53000-42 Leak Testing Gauge	93254-E Black Gauge Guard
82834	High Side Manual R134a 14mm-F x 16mm Coupler	53000-70 Low Pressure Regulator Gauge	53000-W Teflon Washer
90413	R410a Straight Adapter 1/4" FL-M x 5/16" Swivel-F	53000-300 High Pressure Regulator Gauge	