



Blondelle CO2 Manifold

Subcritical & Transcritical



- Refrigerant: R744 (CO2)
- Subcritical: 30 bar & 50/60 bar
- Transcritical: 80 bar & 160 bar (°F & PSI)
- 2 lane manifold, aluminium body

- Unique spindle valves, always tight without effort
- Class 1, 'A Lame Acier' Ø 80 or Ø 100 gauges
- Dry, oil filled (Ø 80), pulse-free

Supplied in a Blondelle plastic carrying case including:
 Subcritical: 3 hoses, red, blue and yellow, length 1 meter with 1/4" SAE fittings.
 Transcritical: 3 hoses, length 1meter with 1/4" SAE fittings, WP 200 Bar.

Material	Other specs	Gauges		Reference			Scales		
		Diameter	Type	Manifold	Dial	Option	bar	psi	Refrigerants
Aluminium	Subcritical (complete case) + no sight glass	80 mm	Dry	FR1104					
			Oil filled	FR1304					
			Oil filled	FR1305					
			Pulse-free	FR1202					
					E20	x			R744 (-1+30 Bar, -1+50 Bar)
	Transcritical (complete case)	80 mm	Dry	FR4112					
			Oil filled	FR4312					
			Pulse-free	FR4512					
					E33	x			R744 (-1+30 Bar, -1+60 Bar)
					E34	x	x		R744 (-1+30/435 Bar/Psi, -1+50/725 Bar/Psi)
	Transcritical (without case & hoses)	80 mm	Dry	FR4102					
			Oil filled	FR4302					
			Pulse-free	FR4502					
					E25	x			R744 (-1+80 Bar, -1+160 Bar)
					E37	x	x		R744 (-1+80/1200 Bar/Psi, -1+160/2300 Bar/Psi)
					V	Option: (subcritical) charging hoses with ball valve			

Bare body	Reference
Subcritical	FR0102

How to read the tables?

The complete designation of a manifold comprises on the one hand the references of the manifold and gauge and on the other hand the reference of the refrigerants.

E.g.: 2 lane aluminium manifold, complete case, 80mm gauges, oil filled, refrigerant: R744, pressure: -1+30Bar, -1+50Bar: Manifold: FR1304; Refrigerants: E20; Reference: FR1304-E20

Blondelle CO2 Charging Equipment

Liquid & Gas



- Refrigerant: R744 (CO2)
- Charging equipment with regulator for CO2
- Liquid & Gas
- 60 Bar pressure inlet
- 0-10 Bar pressure reducer
- 1,8m highpressure hose with safety cable
- 1/4"SAE female
- Direct connection on the CO2 bottle

Reference: FR4612-E25