

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	2-way - Subcritical (complete case) + no sight glass	80 mm	Dry	FR1104					
			Oil filled	FR1304					
			Oil filled	FR1305					
			Pulse-free	FR1202					
			Oil-filled	FR1308					
	4-way - Subcritical 4-way-4-valves-Sub	80 mm	Oil-filled	FR1308-4R					
					E20	x			R744 (-1+30 Bar, -1+50 Bar)
	Transcritical (complete case)	80 mm	Oil filled	FR4312					
			Pulse-free	FR4512					
			Dry	FR5512					
	Transcritical (Case without hoses)	100 mm	Pulse-free	FR5513					
			Dry	FR4102					
		80 mm	Oil filled	FR4302					
			Pulse-free	FR4502					
			Dry	FR5502					
100 mm	Pulse-free	FR5503							
			E25	x				R744 (-1+80 Bar, -1+160 Bar)	
			E30	x				R744 (-1+100Bar, -1+160Bar)	
		E37	x	x				R744 (-1+80/1200, -1+160/2300 Bar/Psi)	
		E75	x					R744 (-1+80Bar, -1+200Bar)	
		E76	x					R744 (-1+100Bar, -1+200Bar)	
						V			Option: 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