

SINGLE STAGE 170kPa OUTLET PRESSURE REGULATOR ORDERING MATRIX

The following ordering matrix is to be used to determine the correct part number for the regulator configuration required. A value from each column must be chosen to ensure the correct regulator is supplied.

Base Regulator	Gas Code	Inlet Fitting	Outlet Valve	Outlet Fitting
GR1CAN	AC = Acetylene	00 = None	0 = None	0 = None
	AI = Air	A1 = AS Type 10, BS 3	N = Needle Valve	2 = 1/2" Compression
	AR = Argon	A2 = AS Type 20, BS 2, BS 4	V = Isolation Valve	4 = 1/4" Compression
	BI = Butadiene	A3 = AS Type 30, BS 8, DIN 6		5 = 5/8-18 UNF RH
	BU = Butane	A4 = AS Type 31, BS 6, DIN 7		6 = 5/8-18 UNF LH
	BY = Butylene (Butene)	A5 = AS Type 32, BS 10		8 = 1/8" Compression
	CD = Carbon Dioxide	A6 = AS Type 50		A = 1/4" Hose Barb
	CM = Carbon Monoxide	A7 = AS Type 60		B = 3/8" Hose Barb
	DE = Deuterium	A8 = AS Type 51 *		
	EA = Ethane	B1 = BS 14, AS Type 44, DIN 11		
	EY = Ethylene (Ethene)	B2 = BS 15, AS Type 45, DIN 14		
	HE = Helium	C1 = CGA 180		
	HY = Hydrogen	C2 = CGA 330		
	KR = Krypton	C3 = CGA 350		
	ME = Methane	C4 = CGA 580		
	NE = Neon	C5 = CGA 660		
	NI = Nitrogen	C6 = CGA 540		
	NS = Nitrous Oxide	C7 = CGA 590		
	OX = Oxygen	D1 = DIN 1		
	LP = Propane (LPG)	D2 = DIN 6, AS Type 30		
PR = Propylene (Propene)	D3 = DIN 8			
SI = Silane				
SH = Sulphur Hexafluoride				
XE = Xenon				
GR1SAN	AM = Ammonia			
	AS = Arsine			
	CH = Chlorine			
	HC = Hydrogen Chloride			
	HS = Hydrogen Sulphide			
	ND = Nitrogen Dioxide			
	NC = Nitric Oxide			
	SD = Sulphur Dioxide			

These gases are suitable for both chrome-plated brass and full stainless steel regulators.

Due to the properties of these gases, it is recommended that only full stainless steel regulators be used.

* This connection is designed for inlet pressures higher than the maximum inlet pressure of these regulators and should not be used.