



MGV-8 A



MGV-8 B



MGV-8 C



MGV-8 D



MGV-8 E



MGV-8 M



MGV-8 O



MGV-8 AP



MGV-8 F



MGV-8 G



MGV-8 H



MGV-8 J



MGV-8 K

GAUGE VALVE

TYPE MGV8

INTRODUCTION:

These specially designed refrigerant gauge, purge, and transducer valves feature tough, cast steel bodies, compact size, and polished stainless steel stems. Special gland Design prevents Leakage. Safety stems are designed to be non removable from the body to avoid dangerous stem "blow out".

APPLICATION

These Manik made valves are suitable for ammonia, R22, R134a, CO2 and other approved refrigerants. They are available with seal caps, bar handles or bare stems. They are often used to isolate pressure gauges on regulators and safety relief valves. These valves may also be used for pumpout and purging. They are not recommended for oil drain because the port is too small for viscous oil. The long inlet valves provide additional length for insulation and pressure gauge turning clearance. The transducer valve accommodates calibration or device replacement without system pumpdown.

FEATURES

- The MGV valves are specially designed to meet all modern refrigeration application necessities as service valves and favourable flow characteristics.
- Applicable to R717(Ammonia), R744(CO2), HCFC and HFC.
- The valves and seal caps are prepared for sealing, to avoid operation by unauthorised person.
- The MGV valves have front & back metal to metal seating.
- Valve body material is low temperature steel as per PED norms.
- Maximum working pressure: 754 psi g (52 bar g).
- Operating temperature range: -60 to +150°C (-76 to 302°F).

ORDERING INFORMATION

MODEL NO.	INLET PORT	OUTLET PORT	WEIGHT (KG)
MGV-8 A	1/4" NPTM	1/4" NPTM ANSI	0.39
MGV-8 B	1/4" NPTM	3/8" NPTM ANSI	0.39
MGV-8 C	3/8" NPTM	3/8" NPTM ANSI	0.4
MGV-8 D	1/2" NPTM	1/2" NPTM ANSI	0.42
MGV-8 E	1/4" NPTF	1/4" NPTF ANSI	0.42
MGV-8 F	1/4" NPTF	3/8" NPTF ANSI	0.44
MGV-8 G	3/8" NPTF	3/8" NPTF ANSI	0.44
MGV-8 H	1/4" NPTM	1/4" NPTF	0.42
MGV-8 J	1/4" NPTF	1/2" NPTF	0.42
MGV-8 K	1/2" MPT	1/2" FPT	0.45
MGV-8 M * Inlet length available in 50mm, 100mm and 150mm size.	1/4" WELD	1/2" FPT	0.45
MGV-8 O * Inlet length available in 50mm, 100mm and 150mm size.	1/2" WELD	1/4" NPT	0.5
MGV-8 AP * Used in Air Purger	1/4" FPT	1/4" FPT	0.5