

CONTROL VALVE

C700 Series Specialty Control Valve

REF **EFC-471** ISSUED 06 Jul 2026

SPECIFICATIONS

Size	DN15 to DN300
Temperature	-196°C to -100°C
Media	Natural gas, Air separation products, Liquid nitrogen, Liquid oxygen, Petroleum, Chemical industry fluids

ACTUATION

- Pneumatic
- Electric
- Manual

APPLICATIONS

- Ultra-low temperature service
- Natural gas processing
- Air separation equipment
- Liquid nitrogen systems
- Liquid oxygen systems
- Petroleum industry
- Chemical industry



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

MATERIALS

Body **CF8, CF8M, CF3, CF3M**

FEATURES

- Elongated valve cover on cryogenic variant to prevent cold conduction and freezing of packing, eliminating adverse impact of ultra-low temperature on stuffing box sealing performance
- Main components undergo hardening treatment, ultra-low temperature treatment, and ultra-precision processing for precise flow and pressure regulation
- Passed strict ultra-low temperature deep cryogenic tests for stable operation under extreme conditions
- Three-way variant (C730) capable of flow combining or flow splitting duty
- Customisable for high temperature, high pressure, strong corrosion, high precision, and low-temperature control conditions

OPTIONS & NOTES

- Materials list ends with '.....' indicating additional material options are available on request
- Operator options listed as 'Pneumatic, Electric, Manual, etc' implying further actuation options available
- Described as customised valve products; specific configurations subject to enquiry