

TORNADO

RFM



**HEAVY DUTY SINGLE STAGE CYLINDER PRESSURE REGULATORS
WITH OUTLET FLOW-METER**

TORNADO SERIES RFM

HEAVY DUTY SINGLE STAGE REGULATORS WITH FLOW-METER

The **TORNADO** single stage, spring-loaded regulator with flow meter is a time and industry proven design that has evolved from more than 100 years of Messer German engineering experience and technology to ensure the accurate control of industrial gases with minimum outlet pressure fluctuations and stable flow rates.

TORNADO regulators series RFM is a visibly strong, no nonsense, durable construction that sets the standard for pressure regulators used throughout heavy duty welding, brazing, soldering, and gas shielding applications. The **TORNADO** uses the most up-to-date production and testing facilities to ensure a reliable, versatile, affordable, high performance regulator.



TORNADO Type RFM

- Designed in accordance to internationally recognized standards EN ISO, BSP, CGA, NFE and AS.
- Manufactured under the quality management of EN ISO 9001.
- 100% Quality Assurance Testing.
- Heavy duty, durable construction.
- Forged brass body and housing cap.
- Heavy duty flow meter with shatter proof Polymer lens.
- Pressure relief valve & Burst Disc on flow meter to ensure maximum safety.
- Unique Central Sintered filter protects valve seat from foreign particles and contaminants.
- Internal design reduces gas velocity to prevent fluctuation of valve seat.
- Soft valve seat to ensure leak tightness and increase life span.
- Inlet pressure gauge and outlet flow-meter with dual scale.
- Fire-retardant valve seat material.
- Outlet pressure relief valve on regulator body ensures operator safety.
- Internal limit lock to maintain stable and constant pressure to flow meter to ensure accurate and stable gas flow.
- Large internal engineering to achieve comparatively high gas flow characteristics and pressure stability
- Reduced maintenance and downtime due to maintenance-free technology.
- German engineered for optimum performance and long life.

TORNADO Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Article No.	TORNADO Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Article No.
RFM/B-Ar	BSP	Ar Argon	200 bar 2900 psi	16 l/min 34 scfh	770.52127	RFM/B-N	BSP	N ₂ Nitrogen	200 bar 2900 psi	16 l/min 34 scfh	770.52139
				30 l/min 64 scfh	770.52128					30 l/min 64 scfh	770.52140
RFM/BU-Ar	BSP/CGA			16 l/min 34 scfh	770.52129	RFM/BU-N	BSP/CGA			16 l/min 34 scfh	770.52141
					30 l/min 64 scfh					770.52130	30 l/min 64 scfh
RFM/U-Ar	CGA			16 l/min 34 scfh	770.52131	RFM/U-N	CGA			16 l/min 34 scfh	770.52143
					30 l/min 64 scfh					770.52132	30 l/min 64 scfh
RFM/B-C	BSP	CO ₂ Carbon Dioxide	100 bar 1450 psi	16 l/min 34 scfh	770.52133	RFM/B-H	BSP	H ₂ Hydrogen	200 bar 2900 psi	16 l/min 34 scfh	770.52145
				30 l/min 64 scfh	770.52134					30 l/min 64 scfh	770.52146
RFM/BU-C	BSP/CGA			16 l/min 34 scfh	770.52135	RFM/BU-H	BSP/CGA			16 l/min 34 scfh	770.52147
					30 l/min 64 scfh					770.52136	30 l/min 64 scfh
RFM/U-C	CGA			16 l/min 34 scfh	770.52137	RFM/U-H	CGA			16 l/min 34 scfh	770.52149
					30 l/min 64 scfh					770.52138	30 l/min 64 scfh

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Cutting Systems

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