

OVERVIEW OF TYPHOON FAMILY

TYPHOON L/R & LD/RD, 1-STAGE + 2-STAGE

For all technical applications
Inlet pressure up to 230 bar / 2335 psi
Outlet pressure up to 10 bar / 145 psi
In- and outlet connections according to DIN, BSP, CGA, NFE, AS.
Other connections available.



TYPHOON LDFG / RDFG

For welding and shielding applications
Inlet pressure up to 230 bar / 2335 psi
Outlet flow rate up to 32 l/min / 68 scfh
In- and outlet connections according to DIN, BSP, CGA, NFE, AS.
Other connections available.



TYPHOON LFM / LDFM / RDFM

For welding and shielding applications
Inlet pressure up to 230 bar / 2335 psi
Outlet flow rate up to 30 l/min / 64 scfh
In- and outlet connections according to DIN, BSP, CGA, NFE, AS.
Other connections available.



TYPHOON B

For all technical applications
Inlet pressure up to 230 bar / 2335 psi
Outlet pressure up to 10 bar / 145 psi
In- and outlet connections according to BSP.
Other connections available.



OVERVIEW OF TYPHOON FAMILY

TYPHOON L/R & LD/RD

- Oxygen
- Acetylene
- Propane
- Hydrogen
- Argon
- Carbon dioxide
- Nitrogen
- Helium

**LEFT/RIGHT SIDE INLET, OUTLET PRESSURE GAUGE (BAR),
1-STAGE & 2-STAGE TECHNIQUE**

TYPHOON LDFG / RDFG

- Argon
- Carbon dioxide

**LEFT/RIGHT SIDE INLET, OUTLET FLOW GAUGE (L/MIN.),
2-STAGE TECHNIQUE**

TYPHOON LDFM / RDFM

- Argon
- Carbon dioxide

**LEFT/RIGHT SIDE INLET, OUTLET FLOW METER (L/MIN.),
2-STAGE TECHNIQUE**

TYPHOON LFM

- Argon
- Carbon dioxide
- Nitrogen
- Helium

**LEFT SIDE INLET, OUTLET FLOW METER (L/MIN.),
1-STAGE TECHNIQUE**

TYPHOON B

- Acetylene
- Propane

**BOTTOM INLET, OUTLET PRESSURE GAUGE (BAR),
1-STAGE TECHNIQUE**

Other techn. gases available.

TYPHOON L 230 BAR

LEFTHAND SIDE ENTRY

TYPHOON L

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art. No.	Cat. No.
L/E-O	DIN	Oxygen	230 bar / 3335 psi	10 bar / 145 psi	770.21058	000
L/B-O	BSP	Oxygen	230 bar / 3335 psi	10 bar / 145 psi	770.21059	000
L/BU-O	BSP/CGA	Oxygen	230 bar / 3335 psi	10 bar / 145 psi	770.21111	000
L/U-O	CGA	Oxygen	230 bar / 3335 psi	10 bar / 145 psi	770.21112	000
L/E-A	DIN	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.21062	000
L/B-A	BSP	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.21063	000
L/BU-A	BSP/CGA	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.21113	000
L/U-A	CGA	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.21114	000
L/E-P	DIN	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.21067	000
L/B-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.21068	000
L/BU-P	BSP/CGA	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.21115	000
L/U-P	CGA	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.21116	000
L/E-H	DIN	Hydrogen	230 bar / 3335 psi	10 bar / 145 psi	770.21072	000
L/B-H	BSP	Hydrogen	230 bar / 3335 psi	10 bar / 145 psi	770.21073	000
L/BU-H	BSP/CGA	Hydrogen	230 bar / 3335 psi	10 bar / 145 psi	770.21117	000
L/U-H	CGA	Hydrogen	230 bar / 3335 psi	10 bar / 145 psi	770.21118	000
L/E-Ar	DIN	Argon	230 bar / 3335 psi	10 bar / 145 psi	770.21076	000
L/B-Ar	BSP	Argon	230 bar / 3335 psi	10 bar / 145 psi	770.21077	000
L/BU-Ar	BSP/CGA	Argon	230 bar / 3335 psi	10 bar / 145 psi	770.21119	000
L/U-Ar	CGA	Argon	230 bar / 3335 psi	10 bar / 145 psi	770.21120	000
L/E-C	DIN	CO2	100 bar / 1450 psi	10 bar / 145 psi	770.21080	000
L/B-C	BSP	CO2	100 bar / 1450 psi	10 bar / 145 psi	770.21081	000
L/BU-C	BSP/CGA	CO2	100 bar / 1450 psi	10 bar / 145 psi	770.21121	000
L/U-C	CGA	CO2	100 bar / 1450 psi	10 bar / 145 psi	770.21122	000
L/E-N	DIN	Nitrogen	230 bar / 3335 psi	10 bar / 145 psi	770.21084	000
L/B-N	BSP	Nitrogen	230 bar / 3335 psi	10 bar / 145 psi	770.21085	000
L/BU-N	BSP/CGA	Nitrogen	230 bar / 3335 psi	10 bar / 145 psi	770.21123	000
L/U-N	CGA	Nitrogen	230 bar / 3335 psi	10 bar / 145 psi	770.21124	000
L/E-He	DIN	Helium	230 bar / 3335 psi	10 bar / 145 psi	770.21088	000
L/B-He	BSP	Helium	230 bar / 3335 psi	10 bar / 145 psi	770.21089	000
L/BU-He	BSP/CGA	Helium	230 bar / 3335 psi	10 bar / 145 psi	770.21125	000
L/U-He	CGA	Helium	230 bar / 3335 psi	10 bar / 145 psi	770.21126	000
Further options available						



TYPHOON LFM 230 BAR

TYPHOON LFM

LEFTHAND SIDE ENTRY, OUTLET FLOW METER



Type	Standard	Gas Type	Inlet pressure	Max. flow rate	Art. No.	Cat. No.
LFM/E-Ar	DIN	Argon	230 bar / 3335 psi	30l/min / 64 scfh	770.21092	000
LFM/B-Ar	BSP	Argon	230 bar / 3335 psi	30l/min / 64 scfh	770.21093	000
LFM/BU-Ar	BSP/CGA	Argon	230 bar / 3335 psi	30l/min / 64 scfh	770.21128	000
LFM/U-Ar	CGA	Argon	230 bar / 3335 psi	30l/min / 64 scfh	770.21129	000
LFM/E-C	DIN	CO2	100 bar / 1450 psi	30l/min / 64 scfh	770.21096	000
LFM/B-C	BSP	CO2	100 bar / 1450 psi	30l/min / 64 scfh	770.21097	000
LFM/BU-C	BSP/CGA	CO2	100 bar / 1450 psi	30l/min / 64 scfh	770.21131	000
LFM/U-C	CGA	CO2	100 bar / 1450 psi	30l/min / 64 scfh	770.21132	000
LFM/E-N	DIN	Nitrogen	230 bar / 3335 psi	30l/min / 64 scfh	770.21100	000
LFM/B-N	BSP	Nitrogen	230 bar / 3335 psi	30l/min / 64 scfh	770.21101	000
LFM/BU-N	BSP/CGA	Nitrogen	230 bar / 3335 psi	30l/min / 64 scfh	770.21134	000
LFM/U-N	CGA	Nitrogen	230 bar / 3335 psi	30l/min / 64 scfh	770.21135	000
LFM/E-He	DIN	Helium	230 bar / 3335 psi	30l/min / 64 scfh	770.21151	000
LFM/B-He	BSP	Helium	230 bar / 3335 psi	30l/min / 64 scfh	770.21152	000
LFM/BU-He	BSP/CGA	Helium	230 bar / 3335 psi	30l/min / 64 scfh	770.21153	000
LFM/U-He	CGA	Helium	230 bar / 3335 psi	30l/min / 64 scfh	770.21156	000
Further options available						

TYPHOON B + LD + LDFG + LDFM 230 BAR

BOTTOM ENTRY

TYPHOON B

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art. No.	Cat. No.
B/B-A	BSP	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.21064	000
B/B-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.21071	000

Further options available



LEFTHAND SIDE ENTRY, 2-STAGE

TYPHOON LD

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art.No.	Cat. No.
LD/ B-O	BSP	O2	230 bar / 3335 psi	10 bar / 145 psi	770.25083	000
LD/B-AR	BSP	Ar	230 bar / 3335 psi	10 bar / 145 psi	770.25082	000
LD/B-C	BSP	CO2	100 bar / 1450 psi	10 bar / 145 psi	770.25085	000
LD/B-N	BSP	N2	230 bar / 3335 psi	10 bar / 145 psi	770.25086	000
LD/B-H	BSP	H2	230 bar / 3335 psi	10 bar / 145 psi	770.25087	000
LD/B-A	BSP	Ace	230 bar / 3335 psi	10 bar / 145 psi	770.25081	000
LD/B-P	BSP	Propane	230 bar / 3335 psi	10 bar / 145 psi	770.25084	000

Further options available



LEFTHAND SIDE ENTRY, 2-STAGE, OUTLET FLOW GAUGE

TYPHOON LDFG

Type	Standard	Gas Type	Inlet pressure	Outlet flow rate	Art.No.	Cat. No.
LDFG/B-Ar	BSP	Ar	230 bar / 3335 psi	32l/min / 68 scfh	770.25090	000
LDFG/B-C	BSP	CO2	100 bar / 1450 psi	32l/min / 68 scfh	770.25091	000

Further options available



LEFTHAND SIDE ENTRY, 2-STAGE, OUTLET FLOW METER

TYPHOON LDFM

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art.No.	Cat. No.
LDFM/B-Ar	BSP	Ar	230 bar / 3335 psi	30l/min / 64 scfh	770.25088	000
LDFM/B-C	BSP	CO2	100 bar / 1450 psi	30l/min / 64 scfh	770.25089	000

Further options available



TYPHOON RD RIGHTHAND SIDE ENTRY, 2-STAGE



Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art.No.	Cat. No.
RD/B-O	BSP	O2	230 bar / 3335 psi	10 bar / 145 psi	770.25092	000
RD/U-O	CGA	O2	230 bar / 3335 psi	10 bar / 145 psi	770.25093	000
RD/BU-O	BSP / CGA	O2	230 bar / 3335 psi	10 bar / 145 psi	770.25094	000
RD/B-Ar	BSP	Ar	230 bar / 3335 psi	10 bar / 145 psi	770.25095	000
RD/U-Ar	CGA	Ar	230 bar / 3335 psi	10 bar / 145 psi	770.25096	000
RD/BU-Ar	BSP / CGA	Ar	230 bar / 3335 psi	10 bar / 145 psi	770.25097	000
RD/B-C	BSP	CO2	100 bar / 1450 psi	10 bar / 145 psi	770.25098	000
RD/U-C	CGA	CO2	100 bar / 1450 psi	10 bar / 145 psi	770.25099	000
RD/BU-C	BSP / CGA	CO2	100 bar / 1450 psi	10 bar / 145 psi	770.25100	000
RD/B-N	BSP	N2	230 bar / 3335 psi	10 bar / 145 psi	770.25101	000
RD/U-N	CGA	N2	230 bar / 3335 psi	10 bar / 145 psi	770.25102	000
RD/BU-N	BSP / CGA	N2	230 bar / 3335 psi	10 bar / 145 psi	770.25103	000
RD/B-H	BSP	H2	230 bar / 3335 psi	10 bar / 145 psi	770.25104	000
RD/U-H	CGA	H2	230 bar / 3335 psi	10 bar / 145 psi	770.25105	000
RD/BU-H	BSP / CGA	H2	230 bar / 3335 psi	10 bar / 145 psi	770.25106	000
RD/B-A	BSP	Ace	25 bar / 360 psi	1,5 bar / 22 psi	770.25107	000
RD/U-A	CGA	Ace	25 bar / 360 psi	1,5 bar / 22 psi	770.25108	000
RD/BU-A	BSP / CGA	Ace	25 bar / 360 psi	1,5 bar / 22 psi	770.25109	000
RD/B-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.25110	000
RD/U-P	CGA	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.25111	000
RD/BU-P	BSP / CGA	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.25112	000

Further options available

TYPHOON RDFG + RDFM 230 BAR

RIGHTHAND SIDE ENTRY, 2-STAGE, OUTLET FLOW GAUGE

TYPHOON RDFG

Type	Standard	Gas Type	Inlet pressure	Outlet flow rate	Art.No.	Cat. No.
RDFG/B-Ar	BSP	Ar	230 bar / 3335 psi	32l/min / 68 scfh	770.25119	000
RDFG/U-Ar	CGA	Ar	230 bar / 3335 psi	32l/min / 68 scfh	770.25120	000
RDFG/BU-Ar	BSP/CGA	Ar	230 bar / 3335 psi	32l/min / 68 scfh	770.25121	000
RDFG/B-C	BSP	CO2	100 bar / 1450 psi	32l/min / 68 scfh	770.25122	000
RDFG/U-C	CGA	CO2	100 bar / 1450 psi	32l/min / 68 scfh	770.25123	000
RDFG/BU-C	BSP/CGA	CO2	100 bar / 1450 psi	32l/min / 68 scfh	770.25124	000
Further options available						



RIGHTHAND SIDE ENTRY, 2-STAGE, OUTLET FLOW METER

TYPHOON RDFM

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art.No.	Cat. No.
RDFM/B-Ar	BSP	Ar	230 bar / 3335 psi	30l/min / 64 scfh	770.25113	000
RDFM/U-Ar	CGA	Ar	230 bar / 3335 psi	30l/min / 64 scfh	770.25114	000
RDFM/BU-Ar	BSP/CGA	Ar	230 bar / 3335 psi	30l/min / 64 scfh	770.25115	000
RDFM/B-C	BSP	CO2	100 bar / 1450 psi	30l/min / 64 scfh	770.25116	000
RDFM/U-C	CGA	CO2	100 bar / 1450 psi	30l/min / 64 scfh	770.25117	000
RDFM/BU-C	BSP/CGA	CO2	100 bar / 1450 psi	30l/min / 64 scfh	770.25118	000
Further options available						



NOMENCLATURE

REGULATOR FEATURES

Marking	Description	
L	Lefthand side entry	
R	Righthand side entry	
B	Bottom entry	
S	Side outlet	
T	Pressure adjustment by T-bar	
D	Double stage / 2-stage	
FG	Outlet Flow Gauge l/min.	
FM	Outlet Flow Meter l/min.	
FM2	Double Outlet Flow Meter	(Tornado only)
„e“	Electrically Heated (CO2 only)	(Tornado only)
W	Tornado „W“ type Flowmeter (AR-CO2-AR/CO2 mix only)	(Tornado only)

REGULATOR INLET CONNECTION STANDARDS

Marking	Description
E	European, German DIN 477
B	BS British, BSP
F	French AFNOR, NFE
AS	Australian AS 2473.2
U	US, CGA
BU	BSP / CGA

GAS TYPES

Marking	Description
O	Oxygen
A	Acetylene
P	Propane, LPG
H	Hydrogen
Ar	Argon
C	CO2
X	Ar/CO2 mix
N	Nitrogen
He	Helium

(e.g.: BDFM2/B-H means: bottom entry, 2-stage, double flow meter, BSP std inlet connection, Hydrogen)