

iQ ADAPT

Preset outlet



Product features

Developed to easily replace existing outlet points in central gas systems with our "Easy to Adapt" solution.

This product combines compact design with precision and durability to meet various demands and needs.

- **Compact design:** Optimized to take up minimal space
- **Precision and pre-set flow control:** Pre-set for an exact flow to increase precision.
- **Adaptable:** Can be easily customized to meet specific needs and requirements.
- **Easy installation:** Plug & play solution for quick and easy installation.
- **Durable construction:** Built to withstand demanding environments and working conditions.
- **Built in-safety valve:** Ensures the highest possible safety level for user protection.

Technical data

Type	1-stage / pipeline
Gas	Ar/mix / Formier Hydrogen / Nitrogen
Temperature range	-20°C to +60°C

Pressure / Flow

Inlet pressure P_1	Max 40 bar
Outlet pressure P_2	5 bar

Materials:

Body	CW 614N
Valve seat	KEL-F
Diaphragm	NBR
Valve cap	Aluminum EN 6026
Hand wheel	ZINK, ZP0410

Connections:

Inlet	G3/8"
Outlet	G3/8"

Flow rate Q (m³/h)

The chart below indicates approximate values of the flow rate in standard cubic meters of air at operating conditions.

Flow rate for other types of gas can be calculated by using the conversion factors from the table down below.

Inlet Pressure P1	Flow rate Q at P2 (BAR) for air			
(BAR)	0,5	1	3	5
40				167L/min
20				158L/min
10				127L/min
5				84L/min

Conversion factor

Gas type	Factor
Argon	0,84
Helium	2,65
Carbon Dioxide	0,8
Oxygen	0,94
Nitrogen	1,02
Hydrogen	3,72

Dimensions

