



# Quadrafog

MULTI-FLOW NOZZLES

- Safe operation
- Complies with EN 15182
- 12-year guarantee



# Quadrafog VARIA

## HIGH PERFORM AND LIGHT



**Touch button** on maximum flow position

**Open/shut flow handle**

**Wide flow-rate selection ring** with flush position



**Stainless steel ball valve** and polymer **valve seat** easily replaceable

**Rotating coupling.**



Optional **articulated joint:** improves handleability and **operator safety**

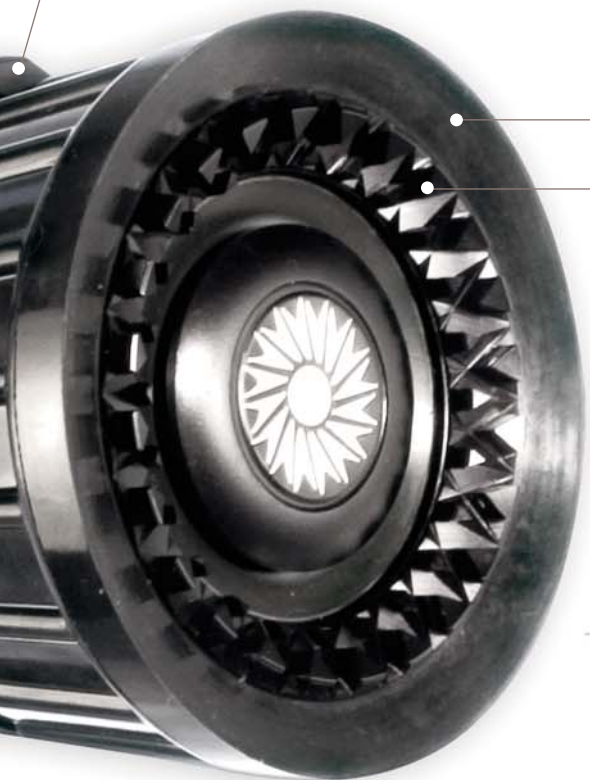


**Tac-lite** option:  
lighting always to hand to **avoid accidents on level ground** when advancing in dark conditions

# BLE flow branches

## PRECISE, ROBUST WEIGHT

- **Touchpad (adjustable)** marking the **Flashover** (or any other) **position**
- One **click** indicates the **Flashover** angle **position**



- **Rotating nozzle head** with **interchangeable** rubber protection
- **Ultra-resistant** machined spray teeth  
Maintenance unnecessary
- No turbine teeth:  
**Hence avoiding flames being sucked in**
- The teeth produce a **dense, effective fog**



Low flow spray pattern

**Ergonomic pistol grip:**  
Insulates against the cold



All couplings available

### The pluses that make the difference

The **choice of materials** (hard anodised aluminium, stainless steel, rubber) and the **precision machining** of the nozzle ensure durability, together with **very minimal maintenance**.

■ **Saline mist resistant** as per **military salt spray tests**.

■ **12-year guarantee**

■ **Exceptionally lightweight** and compact.

Quadrafog branches comply with the **EN 15182 standard**:

#### EN 15182 - 2 TYPE 3

Hand held branches

PN 16 Nozzles with adjustable flow-rate and jet

Selectable constant flow-rate

**NB:** The QF 150 branch also complies with the **EN 15182-4 Type 3** standard and can be used at high pressure up to 40 bar.



## WATER and FOAM BRANCHES QUADRACUP and TWIN-ACTION

**Save space** in vehicle stowage.  
At last, a **sliding foam adapter integrated** into a water nozzle so as to be **more compact**.



### QUADRACUP 500

Flow-rate adjusted via flow selection ring:  
100, 250, 350, 500 l/min • 6 bar • Weight ≈ 2,1 kg  
**Ref : I11.12.044** - 1,5" BSP F  
**Ref : I11.12.050** - BS 336 inst.



### TWIN ACTION 825+

Flow-rate adjusted by turning the head:  
80 - 250 l/min • 7 bar • Weight ≈ 1,8 kg  
**Ref : I11.10.004** - 1,5" BSP F / **Ref : I11.10.012** - BS 336 inst.  
40-100 l/min version - 1" BSP F - **Ref : I11.10.018**

**Extinguishing and preventive efficiency** of the additives used (wetting, retardant, etc.)  
**optimised** via the **foam position**

## SPECIAL NOZZLES



### TWINFOG

The ideal tool to fight forest fires while conserving water reserves  
100 - 250 l/min • 6 bar • Weight ≈ 1,9 kg  
**Ref : I11.12.214** - 1,5" BSP F / **Ref : I11.12.051** - BS 336 inst.



### FULL JET CAFS BRANCHES

Interchangeable orifices calibrated at 22, 24, 25 and 28mm  
Weight ≈ 1,6 kg  
**Ref : I11.16.001** - 1,5" BSP F / **Ref : I11.16.003** - BS 336 inst.



# Quadrafog

## PROVEN RELIABILITY IN FIGHTING FIRE

- EN 15182-2 TYPE 3 COMPLIANT
- 12-YEAR GUARANTEE



### VARIABLE FLOW BRANCHES QUADRAFOG

MODEL	FLOWRATES	PRESSURE	COUPLING	WEIGHT	REFERENCE
QUADRAFOG 150	20 - 40 - 100 - 150 l/min	6 bar	1" BSP F	≈ 1,3 kg	I11.12.200
QUADRAFOG 400	70 - 130 - 230 - 400 l/min	6 bar	2" BSP M	≈ 1,7 kg	I11.12.207
QUADRAFOG 500	100 - 250 - 350 - 500 l/min	6 bar	1,5" BSP F BS 336 inst.	≈ 1,9 kg	I11.12.203 I11.12.213
QUADRACUP 500	100 - 250 - 350 - 500 l/min	6 bar	1,5" BSP F BS 336 inst.	≈ 2,1 kg	I11.12.044 I11.12.050
QUADRAFOG 1000	285 - 500 - 600 - 800 - 950 l/min	6 bar	2,5" BSP F BS 336 inst.	≈ 3,1 kg	I11.12.205 I11.12.210
QUADRAFOG 1000 PA	285 - 500 - 600 - 800 - 950 l/min	6 bar	2,5" BSP F BS 336 inst.	≈ 4,8 kg	I11.12.209 I11.12.211



QUADRAFOG 150



QUADRAFOG 400 & 500



QUADRAFOG 1000



QUADRAFOG 1000 PA



ALL COUPLINGS AVAILABLE



## POLYFOAM ADAPTORS

To produce **top quality foam** from all types of foam compounds and additives



**Polyfoam BF QF150**



**Polyfoam BF QF500**



**Polyfoam MF QF150**

	<b>Polyfoam BF: Low expansion (4 to 12)</b>			<b>Polyfoam MF: Multi (low and medium) expansion (4 to 60)</b>	
ADAPTOR FOR BRANCH	QF 150	Twinfog / QF 500	QF 1000	QF 150	Twinfog / QF 500
REFERENCE	I11.80.123	I11.80.125	I11.80.290	I11.80.134	I11.80.135
WEIGHT (gr)	400	1300	900	1000	1300
DIMENSIONS (mm)	100 x L170	150 x L520	130 x L220	160 x L320	200 x L380

## ARTICULATED JOINT

Improves branch handling and operator safety through better ergonomic design

- Easy to move the branch, free of the rigidity of the hose line
- Ideal in cases where there is a risk of Flashover (O, Z or T attack)

**Ref P902-QF** for Quadrafog 500 BS 336 Inst.  
**Ref P900-QF** for Quadrafog 500 1,5" BSP F



## TAC-LITE

Can be fitted to existing nozzles (depending on age of model)

- Means the nozzle operator does not have to bother with an extra torch
- Nozzle-operator has one hand free and can advance safely in the dark
- LED light
- 6 hours duration

**Ref: E02.40.000**

## SHO-FLOW

Portable electronic flow-rate indicator for hand held branch.

- Alternate display of flow-rate and pressure
- Audible alert when flow-rate reaches minimum/maximum
- Precision:  $\pm 0.5$  bar/ $\pm 40$  l/min.

**Ref: I13.30.025** - 115 to 470 l/ min

**Ref: I13.30.026** - 190 to 750 l/ min

**Ref: I13.30.027** - 265 to 1135 l/min



**ALL COUPLINGS AVAILABLE**

## INTERCHANGEABLE identifier PISTOL GRIPS

Make it easy to **identify branches** after operation



	<b>Yellow</b>	<b>Blue</b>	<b>Red</b>	<b>Orange</b>	<b>White</b>	<b>Black</b>	<b>Green</b>
<b>Pistol grip</b>	HM692-YEL	HM692-BLU	HM692-RED	HM692-ORG	HM692-WHT	HM692-BLK	HM692-GRN

# Groupe Leader

## RESEARCH AND DEVELOPMENT

**A creative but meticulous Design Department to develop the equipment you will need tomorrow.**

- > A **multidisciplinary design staff** to develop and produce innovative equipment to meet the **needs of the profession**.
- > Design work carried out in **partnership** with **well-known fire brigades, industries, universities and research laboratories**.
- > **Testing equipment** specifically adapted to the needs of product development and **performance validation**:
  - Water and high expansion foam test installation (400m<sup>2</sup>)
  - Ventilation test installation (400m<sup>2</sup>)



## MANUFACTURE

- > **Specialised production workshops.**
- > A **continuous improvement** organization whose purpose is to guarantee customer satisfaction through **control of product conformity**.



## AFTER-SALES SERVICE

- > A **permanent stock** of spare parts enabling to carry out **rapid repair work**.
- > A team to **advise** you on **setting up and using** your equipment.
- > A **telephone help line +33 (0)2.35.11.70.30**



## TRAINING

- > Can be **organised to suit your needs**. Our **training courses** enable you to maintain your equipment in a **safe state for use**.



**LEADER**  
 Aujourd'hui les techniques du futur



# Groupe Leader

Always in touch with our clients

to design the **products you will need in the future**



*Tomorrow's technology today*

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