



General Overview Foam and Water Fire Fighting Monitors

The Caccialanza & C. monitors are high performance units designed to operate in extremely hard conditions and in aggressive environments (refineries, chemical industries, offshore, etc.), where high foam / water flow rates and long ranges of jet are required.

The Caccialanza & C. fire fighting monitors are supplied for fixed installation (manually operated - remote controlled) or for mobile service (trailer mounted - portable).

The flowrates cover a range from 50 to 30.000 lt/min with water or foam premix (with a range of jet up to 150 m).

The monitors are provided both for manual operation (with hand lever or with hand wheels) and for remote operation (electric, hydraulic or pneumatic remote control).

The standard types of the monitors are listed on the following table:

Monitor type:		A1	A2	A3	A4	A6	A8
Nominal internal size:		1½"	2½"	3"	4"	6"	8"
Flowrate range:(lt/min)		50 800	500 2.000	1.000 3.000	2.000 6.000	5.000 15.000 (20.000) ¹	20.000 30.000
Inlet flange	ANSI 150 lbs RF	1½"	2½" 3"	3" 4"	4" 6"	6" 8"	8" 10"
	DIN (UNI) PN 16	DN 40	DN 65 DN 80	DN 80 DN 100	DN 100 DN 150	DN 150 DN 200	DN 200 DN 250
Nozzle		X	X	X	X	X	X
Water gun				X	X	X	X
Foam gun				X	X	X	X

¹(with inlet flange 8"/DN200 only)

The monitors are available with following body materials:

- seawater resistant Light Alloy G-Al Si 9 -
- Bronze Bz N 7 -



Following standard executions are provided for the Caccialanza & C. fire fighting monitors:

Type of command		A1	A2	A3	A4	A6	A8
Manually operated monitors:	Hand lever	-	-	X	X	-	-
	Hand wheels	-	-	X	X	X	X
	Trailer mounted	-	-	X	X	X	-
	Portable	-	-	X	-	-	-
Water pressure operated automatic oscillating monitors	Hydraulic cylinder operated	-	-	X	X	-	-
	Trailer mounted	-	-	X	X	-	-
	Portable	-	-	X	-	-	-
Electric remote controlled monitors	Rotation 360° ($\pm 180^\circ$)	X	X	X	X	X	X
Hydraulic remote controlled Monitors	Rotation 350° ($\pm 175^\circ$)	-	-	X	X	X	X
	Endless rotation	-	-	-	X	-	-
Pneumatic remote controlled monitors	Rotation 360° ($\pm 180^\circ$)	-	-	X	-	-	-

The A1 type monitors are available in following executions:

- electric remote controlled (A1-EI)
- manually servo operated with local pushbuttons (AS1-EI-P)

The A1 type monitors can be equipped with following water- and foam nozzles:

- fixed rate foam/water nozzle for full jet / wide fog jet
- adjustable foam/water nozzle for full jet / wide fog jet



The A2 type monitors are available in following executions:

- electric remote controlled (A2-EI)
- manually servo operated with local pushbuttons (AS2-EI-P)

The A2 type monitors can be equipped with following water- and foam nozzles:

- fixed rate foam/water nozzle for full jet / wide fog jet
- adjustable foam/water nozzle for full jet / wide fog jet



The A3 type monitors are available in following executions:

- manually handlever operated (A3)
- manually handwheels operated (AS3)
- automatic oscillating (water pressure operated) (AU3)
- electric remote controlled (A3-EI)
- hydraulic remote controlled (A3-Hy)



The A3 type monitors can be equipped with following water- and foam pipes and nozzles:

- water pipe and full jet nozzle
- water pipe and adjustable water nozzle for full jet / spray jet
- adjustable foam/water nozzle for full jet / wide fog jet
- combined foam/water pipe
- self priming combined foam/water pipe
- selector valve for foam/water operation with double pipe

The A4 type monitors are available in following executions:

- manually handlever operated (A4)
- manually handwheels operated (AS4)
- remote or cab manually handwheels operated (ASC4)
- automatic oscillating (water pressure operated) (AU4)
- electric remote controlled (A4-EI)
- hydraulic remote controlled (A4-Hy)



The A4 type monitors can be equipped with following water- and foam pipes and nozzles:

- water pipe and full jet nozzle
- water pipe and adjustable water nozzle for full jet / spray jet
- adjustable foam/water nozzle for full jet / wide fog jet
- combined foam/water pipe
- self priming combined foam/water pipe
- with double outlet for foam/water double pipe operation with synchronized butterfly valves
- with double outlet for Twin-agent dry powder/foam double pipe operation

The A6 type monitors are available in following executions:

- manually handwheels operated (AS6)
- electric remote controlled (A6-EI)
- hydraulic remote controlled (A6-Hy)

The A6 type monitors can be equipped with following water- and foam pipes and nozzles:

- water pipe and full jet nozzle
- water pipe and full jet nozzle with adjustable spraying head for full jet / spray jet
- adjustable foam/water nozzle for full jet/wide fog jet
- combined foam/water pipe





The A8 type monitors are available in following executions:

- manually handwheels operated (AS8)
- electric remote controlled (A8-EI)
- hydraulic remote controlled (A8-Hy)

The A8 type monitors can be equipped with following water- and foam pipes and nozzles:

- water pipe and full jet nozzle
- water pipe and full jet nozzle with adjustable spraying head for full jet / spray jet
- combined foam/water pipe



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