



## **A8-Hy Monitors**

### **A8-Hy Monitors LL (Light Alloy G-Al Si 9)**

- A8-Hy/F, LL, with water pipe and full jet nozzle
- A8-Hy/F, LL, with water pipe and full jet nozzle with hydraulic spraying head for full jet/spray jet
- A8-Hy/FOG, LL, with hydraulic adjustable pressure balance full jet/fog jet nozzle
- A8-Hy/A, LL, with foam/water pipe

### **A8-Hy Monitors Bz (Bronze Bz N7)**

- A8-Hy/F, Bz, with water pipe and full jet nozzle
- A8-Hy/F, Bz, with water pipe and full jet nozzle with hydraulic spraying head for full jet/spray jet
- A8-Hy/FOG, Bz, with hydraulic adjustable pressure balance full jet/fog jet nozzle
- A8-Hy/A, Bz, with foam/water pipe

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## A8-Hy Monitors LL

### A8-Hy/F, LL, with water pipe and full jet nozzle

- Hydraulic remote controlled water monitor A8-Hy/F type,
- body seawater resistant light alloy G-Al Si 9, rotating joints in bronze/aluminium G-Cu Al 11 Fe 4 (ASTM B 148/954) with ball bearings in stainless steel AISI 304 for seawater service,
  - horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
  - horizontal and vertical movements on rotating joints with ball bearings, with greasing nipples, rotation range 340°, elevation range +80°/-50°,
  - inlet flange 8" ANSI 150 lbs R.F., or DN 200 DIN PN 16 alternatively inlet flange 10" ANSI 150 lbs R.F., or DN 250 DIN PN 16
  - with water pipe in stainless steel AISI 304 complete with internal flow stabilizers and water full jet nozzle in seawater resistant light alloy G-Al Si 9, flowrate 20.000 lt/min to 30.000 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each, total d.f.t. ≥100μ

8" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278148030	95	20.000	11,0	120	395	52549910
A8-Hy/F 30.000	5278148050	120	30.000	13,0	150	503	52549911
DN 200 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278143030	95	20.000	11,0	120	395	52549910
A8-Hy/F 30.000	5278143050	120	30.000	13,0	150	503	52549911

\* Minimum warranted range of jet at nominal pressure.



10" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278149030	95	20.000	11,0	120	407	52549910
A8-Hy/F 30.000	5278149050	120	30.000	13,0	150	515	52549911
DN 250 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278144030	95	20.000	11,0	120	407	52549910
A8-Hy/F 30.000	5278144050	120	30.000	13,0	150	505	52549911

\* Minimum warranted range of jet at nominal pressure.



**A8-Hy/F, LL, with water pipe and full jet nozzle with hydraulic spraying head for full jet/spray jet**

- Hydraulic remote controlled water monitor A8-Hy/F type,
- body seawater resistant light alloy G-Al Si 9, rotating joints in bronze/aluminium G-Cu Al 11 Fe 4 (ASTM B 148/954) with ball bearings in stainless steel AISI 304 for seawater service,
  - horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
  - horizontal and vertical movements on rotating joints with ball bearings, with greasing nipples, rotation range 340°, elevation range +80°/-50°,
  - inlet flange 8" ANSI 150 lbs R.F., or DN 200 DIN PN 16 alternatively inlet flange 10" ANSI 150 lbs R.F., DN 250 DIN PN 16
  - with water pipe in stainless steel AISI 304 complete with internal flow stabilizers and water full jet nozzle in seawater resistant light alloy G-Al Si 9, flowrate 20.000 lt/min to 30.000 lt/min, equipped with hydraulic operated spraying head for full jet and spray jet,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each, total d.f.t. ≥100μ

8" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278148060	95	20.000	11,0	120	419	52549913
A8-Hy/F 30.000	5278148070	120	30.000	13,0	150	540	52549912
DN 200 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278143060	95	20.000	11,0	120	419	52549913
A8-Hy/F 30.000	5278143070	120	30.000	13,0	150	540	52549912

\* Minimum warranted range of jet at nominal pressure.



10" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278149060	95	20.000	11,0	120	431	52549913
A8-Hy/F 30.000	5278149070	120	30.000	13,0	150	552	52549912
DN 250 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278144060	95	20.000	11,0	120	431	52549913
A8-Hy/F 30.000	5278144070	120	30.000	13,0	150	552	52549912

\* Minimum warranted range of jet at nominal pressure.



**A8-Hy/FOG, LL, with hydraulic adjustable pressure balance full jet/fog jet nozzle**

- Hydraulic remote controlled foam/water monitor A8-Hy/FOG type,
- body seawater resistant light alloy G-Al Si 9, rotating joints in bronze/aluminium G-Cu Al 11 Fe 4 (ASTM B 148/954) with ball bearings in stainless steel AISI 304 for seawater service,
  - horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
  - horizontal and vertical movements on rotating joints with ball bearings, with greasing nipples, rotation range 340°, elevation range +80°/-50°,
  - inlet flange 8" ANSI 150 lbs R.F., or DN 200 DIN PN 16 alternatively inlet flange 10" ANSI 150 lbs R.F., or DN 250 DIN PN 16
  - with hydraulic adjustable pressure balance foam/water nozzle for full jet and fog jet, in hard coated light alloy with bumper in synthetic rubber, max. spray angle 130°, flowrate 20.000 lt/min
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each, total d.f.t. ≥100μ

8" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8 Hy/Fog	5278148100	20.000	8,5	120	429	52549914
DN 200 DIN PN 16 flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8 Hy/Fog	5278143100	20.000	8,5	120	429	52549914
10" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8 Hy/Fog	5278149100	20.000	8,5	120	441	52549914
DN 250 DIN PN 16 flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8 Hy/Fog	5278144100	20.000	8,5	120	441	52549914

\* Minimum warranted range of jet at nominal pressure.



**A8-Hy/A, LL, with foam/water pipe**

- Hydraulic remote controlled foam/water monitor A8-Hy/A type,
- body seawater resistant light alloy G-Al Si 9,  
rotating joints in bronze/aluminium G-Cu Al 11 Fe 4 (ASTM B 148/954) with ball bearings in stainless steel AISI 304 for seawater service,
  - horizontal and vertical movements with hydraulic motor operated worm gears,  
with hydraulic limit switches,  
complete with handwheels and selector device for local manual operation of the monitor,
  - horizontal and vertical movements on rotating joints with ball bearings, with greasing nipples,  
rotation range 340°,  
elevation range +80°/-50°,
  - inlet flange 8" ANSI 150 lbs R.F., or DN 200 DIN PN 16  
alternatively inlet flange 10" ANSI 150 lbs R.F., or DN 250 DIN PN 16
  - with combined foam/water pipe A type,  
nozzles bronze BzN7, pipe stainless steel AISI 304,  
flowrate 20.000 lt/min
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ,  
n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each,  
total d.f.t. ≥100μ

8" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 10 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/A 20.000	5278148230	A20.000	20.000	11,5	110	448	52549915
DN 200 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 10 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/A 20.000	5278143230	A20.000	20.000	11,5	110	448	52549915
10" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 10 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/A 20.000	5278149230	A20.000	20.000	11,5	110	460	52549915
DN 250 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 10 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/A 20.000	5278144230	A20.000	20.000	11,5	110	460	52549915

\* Minimum warranted range of jet at nominal pressure.



## A8-Hy Monitors Bz

### A8-Hy/F, Bz, with water pipe and full jet nozzle

- Hydraulic remote controlled water monitor A8-Hy/F type,
- body bronze Bz N7,  
rotating joints in bronze/aluminium G-Cu Al 11 Fe 4 (ASTM B 148/954) with ball bearings in stainless steel AISI 304 for seawater service,
  - horizontal and vertical movements with hydraulic motor operated worm gears,  
with hydraulic limit switches,  
complete with handwheels and selector device for local manual operation of the monitor,
  - horizontal and vertical movements on rotating joints with ball bearings, with greasing nipples,  
rotation range 340°,  
elevation range +80°/-50°,
  - inlet flange 8" ANSI 150 lbs R.F., or DN 200 DIN PN 16  
alternatively inlet flange 10" ANSI 150 lbs R.F., or DN 250 DIN PN 16
  - with water pipe in stainless steel AISI 304 complete with internal flow stabilizers and water full jet nozzle in seawater resistant light alloy G-Al Si 9,  
flowrate 20.000 lt/min to 30.000 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ,  
n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each,  
total d.f.t. ≥100μ

8" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278248230	95	20.000	11,0	120	612	52549910
A8-Hy/F 30.000	5278248250	120	30.000	13,0	150	695	52549911
DN 200 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278243230	95	20.000	11,0	120	612	52549910
A8-Hy/F 30.000	5278243250	120	30.000	13,0	150	695	52549911

\* Minimum warranted range of jet at nominal pressure.





10" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278249230	95	20.000	11,0	120	640	52549910
A8-Hy/F 30.000	5278249250	120	30.000	13,0	150	723	52549911
DN 250 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278244230	95	20.000	11,0	120	640	52549910
A8-Hy/F 30.000	5278244250	120	30.000	13,0	150	723	52549911

\* Minimum warranted range of jet at nominal pressure.



**A8-Hy/F, Bz, with water pipe and full jet nozzle with hydraulic spraying head for full jet/spray jet**

- Hydraulic remote controlled water monitor A8-Hy/F type,
- body bronze Bz N7,  
rotating joints in bronze/aluminium G-Cu Al 11 Fe 4 (ASTM B 148/954) with ball bearings in stainless steel AISI 304 for seawater service,
  - horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches,  
complete with handwheels and selector device for local manual operation of the monitor,
  - horizontal and vertical movements on rotating joints with ball bearings, with greasing nipples,  
rotation range 340°,  
elevation range +80°/-50°,
  - inlet flange 8" ANSI 150 lbs R.F., or DN 200 DIN PN 16  
alternatively inlet flange 10" ANSI 150 lbs R.F., or DN 250 DIN PN 16
  - with water pipe in stainless steel AISI 304 complete with internal flow stabilizers and water full jet nozzle in seawater resistant light alloy G-Al Si 9,  
flowrate 20.000 lt/min to 30.000 lt/min,  
equipped with hydraulic operated spraying head for full jet and spray jet,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ,  
n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each,  
total d.f.t. ≥100μ

8" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278248060	95	20.000	11,0	120	636	52549913
A8-Hy/F 30.000	5278248070	120	30.000	13,0	150	732	52549912
DN 200 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278243060	95	20.000	11,0	120	636	52549913
A8-Hy/F 30.000	5278243070	120	30.000	13,0	150	732	52549912

\* Minimum warranted range of jet at nominal pressure.



10" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278249060	95	20.000	11,0	120	664	52549913
A8-Hy/F 30.000	5278249070	120	30.000	13,0	150	760	52549912
DN 250 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 9,5 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/F 20.000	5278244060	95	20.000	11,0	120	664	52549913
A8-Hy/F 30.000	5278244070	120	30.000	13,0	150	760	52549912

\* Minimum warranted range of jet at nominal pressure.



**A8-Hy/FOG, Bz, with hydraulic adjustable pressure balance full jet/fog jet nozzle**

- Hydraulic remote controlled foam/water monitor A8-Hy/FOG type,
- body bronze Bz N7,  
rotating joints in bronze/aluminium G-Cu Al 11 Fe 4 (ASTM B 148/954) with ball bearings in stainless steel AISI 304 for seawater service,
  - horizontal and vertical movements with hydraulic motor operated worm gears,  
with hydraulic limit switches,  
complete with handwheels and selector device for local manual operation of the monitor,
  - horizontal and vertical movements on rotating joints with ball bearings, with greasing nipples,  
rotation range 340°,  
elevation range +80°/-50°,
  - inlet flange 8" ANSI 150 lbs R.F., or DN 200 DIN PN 16  
alternatively inlet flange 10" ANSI 150 lbs R.F., or DN 250 DIN PN 16
  - with hydraulic adjustable pressure balance foam/water nozzle for full jet and fog jet,  
in hard coated light alloy with bumper in synthetic rubber,  
max. spray angle 130°,  
flowrate 20.000 lt/min
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ,  
n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each,  
total d.f.t. ≥100μ

8" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8 Hy/Fog	5278248100	20.000	8,5	120	631	52549914
DN 200 DIN PN 16 flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8 Hy/Fog	5278243100	20.000	8,5	120	631	52549914
10" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8 Hy/Fog	5278249100	20.000	8,5	120	659	52549914
DN 250 DIN PN 16 flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8 Hy/Fog	5278244100	20.000	8,5	120	659	52549914

\* Minimum warranted range of jet at nominal pressure.



**A8-Hy/A, Bz, with foam/water pipe**

- Hydraulic remote controlled foam/water monitor A8-Hy/A type,
- body bronze Bz N7,  
rotating joints in bronze/aluminium G-Cu Al 11 Fe 4 (ASTM B 148/954) with ball bearings in stainless steel AISI 304 for seawater service,
  - horizontal and vertical movements with hydraulic motor operated worm gears,  
with hydraulic limit switches,  
complete with handwheels and selector device for local manual operation of the monitor,
  - horizontal and vertical movements on rotating joints with ball bearings, with greasing nipples,  
rotation range 340°,  
elevation range +80°/-50°,
  - inlet flange 8" ANSI 150 lbs R.F., or DN 200 DIN PN 16  
alternatively inlet flange 10" ANSI 150 lbs R.F., or DN 250 DIN PN 16
  - with combined foam/water pipe A type,  
nozzles bronze BzN7, pipe stainless steel AISI 304,  
flowrate 20.000 lt/min
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ,  
n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each,  
total d.f.t. ≥100μ

8" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 10 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/A 20.000	5278248230	A20.000	20.000	11,5	110	666	52549915
DN 200 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 10 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/A 20.000	5278243230	A20.000	20.000	11,5	110	666	52549915
10" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 10 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/A 20.000	5278249230	A20.000	20.000	11,5	110	694	52549915
DN 250 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 10 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A8-Hy/A 20.000	5278244230	A20.000	20.000	11,5	110	694	52549915

\* Minimum warranted range of jet at nominal pressure.