



## AU3 Monitors

### **AU3 Monitors LL (Light Alloy EN AB 42000-Al Si 7 MgTA)**

- AU3/F, LL, with water pipe and full jet nozzle
- AU3/K, LL, with water pipe and adjustable full jet/spray jet nozzle
- AU3/MS, LL, with adjustable full jet/fog jet nozzle
- AU3/A, LL, with foam/water pipe
- AU3/A-Def, LL, with foam/water pipe and manually operated deflector
- AU3/AW, LL, with self priming foam/water pipe
- AU3/AW-Def, LL, with self priming foam/water pipe and manually operated deflector

### **AU3 Monitors Bz (Bronze B ZN 7)**

- AU3/F, Bz, with water pipe and full jet nozzle
- AU3/K, Bz, with water pipe and adjustable full jet/spray jet nozzle
- AU3/MS, Bz, with adjustable full jet/fog jet nozzle
- AU3/A, Bz, with foam/water pipe
- AU3/A-Def, Bz, with foam/water pipe and manually operated deflector
- AU3/AW, Bz, with self priming foam/water pipe
- AU3/AW-Def, Bz, with self priming foam/water pipe and manually operated deflector

Caccialanza & C. reserves the right to change or modify without previous notice any data or specification due to changes or modification in order to improve the products presented.



## AU3 Monitors LL

### AU3/F, LL, with water pipe and full jet nozzle

- Water powered automatic self-oscillating water monitor AU3/F type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with water pipe in light alloy complete with internal flow stabilizers and water full jet nozzle in seawater resistant light alloy EN AB 42000-Al Si 7 MgTA, flowrate 1.000 to 3.000 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/F 1.000	5273176010	24	1.000	8,2	50	40	52119506
AU3/F 1.600	5273176020	30	1.600	8,6	55	40	52119506
AU3/F 2.000	5273176030	32	2.000	8,9	60	40	52119506
AU3/F 2.400	5273176040	36	2.400	9,3	62	40,5	52119506
AU3/F 3.000	5273176050	40	3.000	10,0	65	40,5	52119506
DN 100 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/F 1.000	5273171010	24	1.000	8,2	50	40	52119506
AU3/F 1.600	5273171020	30	1.600	8,6	55	40	52119506
AU3/F 2.000	5273171030	32	2.000	8,9	60	40	52119506
AU3/F 2.400	5273171040	36	2.400	9,3	62	40,5	52119506
AU3/F 3.000	5273171050	40	3.000	10,0	65	40,5	52119506

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/F 1.000	5273175010	24	1.000	8,2	50	40	52119506
AU3/F 1.600	5273175020	30	1.600	8,6	55	40	52119506
AU3/F 2.000	5273175030	32	2.000	8,9	60	40	52119506
AU3/F 2.400	5273175040	36	2.400	9,3	62	40,5	52119506
AU3/F 3.000	5273175050	40	3.000	10,0	65	40,5	52119506
DN 80 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/F 1.000	5273170010	24	1.000	8,2	50	40	52119506
AU3/F 1.600	5273170020	30	1.600	8,6	55	40	52119506
AU3/F 2.000	5273170030	32	2.000	8,9	60	40	52119506
AU3/F 2.400	5273170040	36	2.400	9,3	62	40,5	52119506
AU3/F 3.000	5273170050	40	3.000	10,0	65	40,5	52119506

\* Minimum warranted range of jet at nominal pressure.



## AU3/K, LL, with water pipe and adjustable full jet/spray jet nozzle

- Water powered automatic self-oscillating water monitor AU3/K type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with water pipe in light alloy complete with internal flow stabilizers and K-type manually adjustable water nozzle for full jet and spray jet (max.spray angle  $30^{\circ}$ ) in seawater resistant light alloy EN AB 42000-Al Si 7 MgTA, flowrate 1.000 to 3.000 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/K 1.000	5273176110	24	1.000	8,2	50	41	52119517
AU3/K 1.600	5273176120	30	1.600	8,6	55	41	52119517
AU3/K 2.000	5273176130	32	2.000	8,9	60	41,5	52119517
AU3/K 2.400	5273176140	36	2.400	9,3	62	42	52119517
AU3/K 3.000	5273176150	40	3.000	10,0	65	42	52119517
DN 100 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/K 1.000	5273171110	24	1.000	8,2	50	41	52119517
AU3/K 1.600	5273171120	30	1.600	8,6	55	41	52119517
AU3/K 2.000	5273171130	32	2.000	8,9	60	41,5	52119517
AU3/K 2.400	5273171140	36	2.400	9,3	62	42	52119517
AU3/K 3.000	5273171150	40	3.000	10,0	65	42	52119517

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/K 1.000	5273175110	24	1.000	8,2	50	41	52119517
AU3/K 1.600	5273175120	30	1.600	8,6	55	41	52119517
AU3/K 2.000	5273175130	32	2.000	8,9	60	41,5	52119517
AU3/K 2.400	5273175140	36	2.400	9,3	62	42	52119517
AU3/K 3.000	5273175150	40	3.000	10,0	65	42	52119517
DN 80 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/K 1.000	5273170110	24	1.000	8,2	50	41	52119517
AU3/K 1.600	5273170120	30	1.600	8,6	55	41	52119517
AU3/K 2.000	5273170130	32	2.000	8,9	60	41,5	52119517
AU3/K 2.400	5273170140	36	2.400	9,3	62	42	52119517
AU3/K 3.000	5273170150	40	3.000	10,0	65	42	52119517

\* Minimum warranted range of jet at nominal pressure.



## AU3/MS, LL, with adjustable full jet/fog jet nozzle

- Water powered automatic self-oscillating water monitor AU3/MS type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with MS-type manually adjustable water nozzle for full jet and fog jet (max. spray angle  $130^{\circ}$ ) in seawater resistant light alloy EN AB 42000-Al Si 7 MgTA, flowrate 1.800 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/MS 1.800	5273176000	1.800	8,7	40	39	52119519
DN 100 DIN PN 16 flange						
Type	Code nr.	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/MS 1.800	5273171000	1.800	8,7	40	39	52119519
3" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/MS 1.800	5273175000	1.800	8,7	40	39	52119519
DN 80 DIN PN 16 flange						
Type	Code nr.	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/MS 1.800	5273170000	1.800	8,7	40	39	52119519

\* Minimum warranted range of jet at nominal pressure.



## AU3/A, LL, with foam/water pipe

- Water powered automatic self-oscillating foam/water monitor AU3/A type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with combined foam/water pipe A type, nozzle light alloy EN AB 42000-Al Si 7 MgTA, pipe stainless steel AISI 304, flowrate 1.000 to 3.000 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000	5273176410	A 1.000	1.000	8,2	45	42	52119516
AU3/A 1.600	5273176420	A 1.600	1.600	8,6	50	42	52119516
AU3/A 2.000	5273176430	A 2.000	2.000	8,9	54	43	52119516
AU3/A 2.400	5273176440	A 2.400	2.400	9,3	56	43	52119516
AU3/A 3.000	5273176450	A 3.000	3.000	10,0	60	43	52119516
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000	5273171410	A 1.000	1.000	8,2	45	42	52119516
AU3/A 1.600	5273171420	A 1.600	1.600	8,6	50	42	52119516
AU3/A 2.000	5273171430	A 2.000	2.000	8,9	54	43	52119516
AU3/A 2.400	5273171440	A 2.400	2.400	9,3	56	43	52119516
AU3/A 3.000	5273171450	A 3.000	3.000	10,0	60	43	52119516

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000	5273175410	A 1.000	1.000	8,2	45	42	52119516
AU3/A 1.600	5273175420	A 1.600	1.600	8,6	50	42	52119516
AU3/A 2.000	5273175430	A 2.000	2.000	8,9	54	43	52119516
AU3/A 2.400	5273175440	A 2.400	2.400	9,3	56	43	52119516
AU3/A 3.000	5273175450	A 3.000	3.000	10,0	60	43	52119516
DN 80 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000	5273170410	A 1.000	1.000	8,2	45	42	52119516
AU3/A 1.600	5273170420	A 1.600	1.600	8,6	50	42	52119516
AU3/A 2.000	5273170430	A 2.000	2.000	8,9	54	43	52119516
AU3/A 2.400	5273170440	A 2.400	2.400	9,3	56	43	52119516
AU3/A 3.000	5273170450	A 3.000	3.000	10,0	60	43	52119516

\* Minimum warranted range of jet at nominal pressure.





## AU3/A-Def, LL, with foam/water pipe and manually operated deflector

- Water powered automatic self-oscillating foam/water monitor AU3/A-Def type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with combined foam/water pipe A type, nozzle light alloy EN AB 42000-Al Si 7 MgTA, pipe stainless steel AISI 304, flowrate 1.000 to 3.000 lt/min, with manually operated foam deflector in stainless steel AISI 304 for full jet/flat jet
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000-Def	5273176490	A 1.000	1.000	8,2	45	46	52119521
AU3/A 1.600-Def	5273176680	A 1.600	1.600	8,6	50	46	52119521
AU3/A 2.000-Def	5273176470	A 2.000	2.000	8,9	54	46.7	52119521
AU3/A 2.400-Def	5273176500	A 2.400	2.400	9,3	56	46.7	52119521
AU3/A 3.000-Def	5273176480	A 3.000	3.000	10,0	60	46.7	52119521
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000-Def	5273171490	A 1.000	1.000	8,2	45	46	52119521
AU3/A 1.600-Def	5273171680	A 1.600	1.600	8,6	50	46	52119521
AU3/A 2.000-Def	5273171470	A 2.000	2.000	8,9	54	46.7	52119521
AU3/A 2.400-Def	5273171500	A 2.400	2.400	9,3	56	46.7	52119521
AU3/A 3.000-Def	5273171480	A 3.000	3.000	10,0	60	46.7	52119521

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000-Def	5273175490	A 1.000	1.000	8,2	45	46	52119521
AU3/A 1.600-Def	5273175680	A 1.600	1.600	8,6	50	46	52119521
AU3/A 2.000-Def	5273175470	A 2.000	2.000	8,9	54	46.7	52119521
AU3/A 2.400-Def	5273175500	A 2.400	2.400	9,3	56	46.7	52119521
AU3/A 3.000-Def	5273175480	A 3.000	3.000	10,0	60	46.7	52119521
DN 80 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000-Def	5273170490	A 1.000	1.000	8,2	45	46	52119521
AU3/A 1.600-Def	5273170680	A 1.600	1.600	8,6	50	46	52119521
AU3/A 2.000-Def	5273170470	A 2.000	2.000	8,9	54	46.7	52119521
AU3/A 2.400-Def	5273170500	A 2.400	2.400	9,3	56	46.7	52119521
AU3/A 3.000-Def	5273170480	A 3.000	3.000	10,0	60	46.7	52119521

\* Minimum warranted range of jet at nominal pressure.



## AU3/AW, LL, with self priming foam/water pipe

- Water powered automatic self-oscillating foam/water monitor AU3/AW type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with combined self-priming foam/water pipe AW type, nozzle light alloy EN AB 42000-Al Si 7 MgTA, pipe stainless steel AISI 304, flowrate 1.000 to 3.000 lt/min, with foam compound admixing percentage regulating valve and 2,5 mt suctioning pipe,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000	5273176510	AW 1.000	1.000	8,2	45	44	52119520
AU3/AW 1.600	5273176520	AW 1.600	1.600	8,6	50	44	52119520
AU3/AW 2.000	5273176530	AW 2.000	2.000	8,9	54	44.5	52119520
AU3/AW 2.400	5273176540	AW 2.400	2.400	9,3	56	45	52119520
AU3/AW 3.000	5273176550	AW 3.000	3.000	10,0	60	47	52119520
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000	5273171510	AW 1.000	1.000	8,2	45	44	52119520
AU3/AW 1.600	5273171520	AW 1.600	1.600	8,6	50	44	52119520
AU3/AW 2.000	5273171530	AW 2.000	2.000	8,9	54	44.5	52119520
AU3/AW 2.400	5273171540	AW 2.400	2.400	9,3	56	45	52119520
AU3/AW 3.000	5273171550	AW 3000	3.000	10,0	60	47	52119520

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000	5273175510	AW 1.000	1.000	8,2	45	44	52119520
AU3/AW 1.600	5273175520	AW 1.600	1.600	8,6	50	44	52119520
AU3/AW 2.000	5273175530	AW 2.000	2.000	8,9	54	44.5	52119520
AU3/AW 2.400	5273175540	AW 2.400	2.400	9,3	56	45	52119520
AU3/AW 3.000	5273175550	AW 3.000	3.000	10,0	60	47	52119520
DN 80 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000	5273170510	AW 1.000	1.000	8,2	45	44	52119520
AU3/AW 1.600	5273170520	AW 1.600	1.600	8,6	50	44	52119520
AU3/AW 2.000	5273170530	AW 2.000	2.000	8,9	54	44.5	52119520
AU3/AW 2.400	5273170540	AW 2.400	2.400	9,3	56	45	52119520
AU3/AW 3.000	5273170550	AW 3.000	3.000	10,0	60	47	52119520

\* Minimum warranted range of jet at nominal pressure.



## AU3/AW-Def, LL, with self priming foam/water pipe and manually operated deflector

- Water powered automatic self-oscillating foam/water monitor AU3/AW-Def type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with combined self-priming foam/water pipe AW type, nozzle light alloy EN AB 42000-Al Si 7 MgTA, pipe stainless steel AISI 304, flowrate 1.000 to 3.000 lt/min, with foam compound admixing percentage regulating valve and 2,5 mt suctioning pipe, with manually operated foam deflector in stainless steel AISI 304 for full jet/flat jet
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000Def	5273176590	AW1.000	1.000	8,2	45	48	52119522
AU3/AW 1.600Def	5273176780	AW1.600	1.600	8,6	50	48	52119522
AU3/AW 2.000Def	5273176570	AW2.000	2.000	8,9	54	48.5	52119522
AU3/AW 2.400Def	5273176600	AW2.400	2.400	9,3	56	49	52119522
AU3/AW 3.000Def	5273176580	AW3.000	3.000	10,0	60	51	52119522
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000Def	5273171590	AW1.000	1.000	8,2	45	48	52119522
AU3/AW 1.600Def	5273171780	AW1.600	1.600	8,6	50	48	52119522
AU3/AW 2.000Def	5273171570	AW2.000	2.000	8,9	54	48.5	52119522
AU3/AW 2.400Def	5273171600	AW2.400	2.400	9,3	56	49	52119522
AU3/AW 3.000Def	5273171580	AW3.000	3.000	10,0	60	51	52119522

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000Def	5273175590	AW1.000	1.000	8,2	45	48	52119522
AU3/AW 1.600Def	5273175780	AW1.600	1.600	8,6	50	48	52119522
AU3/AW 2.000Def	5273175570	AW2.000	2.000	8,9	54	48.5	52119522
AU3/AW 2.400Def	5273175600	AW2.400	2.400	9,3	56	49	52119522
AU3/AW 3.000Def	5273175580	AW3.000	3.000	10,0	60	51	52119522
DN 80 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000Def	5273170590	AW1.000	1.000	8,2	45	48	52119522
AU3/AW 1.600Def	5273170780	AW1.600	1.600	8,6	50	48	52119522
AU3/AW 2.000Def	5273170570	AW2.000	2.000	8,9	54	48.5	52119522
AU3/AW 2.400Def	5273170600	AW2.400	2.400	9,3	56	49	52119522
AU3/AW 3.000Def	5273170580	AW3.000	3.000	10,0	60	51	52119522

\* Minimum warranted range of jet at nominal pressure.



## AU3 Monitors Bz

### AU3/F, Bz, with water pipe and full jet nozzle

- Water powered automatic self-oscillating water monitor AU3/F type,
- body Bronze B ZN 7 for seawater service,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with water pipe in light alloy complete with internal flow stabilizers and water full jet nozzle in seawater resistant light alloy EN AB 42000-Al Si 7 MgTA, flowrate 1.000 to 3.000 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/F 1.000	5273276010	24	1.000	8,2	50	73	52119506
AU3/F 1.600	5273276020	30	1.600	8,6	55	73	52119506
AU3/F 2.000	5273276030	32	2.000	8,9	60	73	52119506
AU3/F 2.400	5273276040	36	2.400	9,3	62	74	52119506
AU3/F 3.000	5273276050	40	3.000	10,0	65	74	52119506
DN 100 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/F 1.000	5273271010	24	1.000	8,2	50	73	52119506
AU3/F 1.600	5273271020	30	1.600	8,6	55	73	52119506
AU3/F 2.000	5273271030	32	2.000	8,9	60	73	52119506
AU3/F 2.400	5273271040	36	2.400	9,3	62	74	52119506
AU3/F 3.000	5273271050	40	3.000	10,0	65	74	52119506

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/F 1.000	5273275010	24	1.000	8,2	50	72	52119506
AU3/F 1.600	5273275020	30	1.600	8,6	55	72	52119506
AU3/F 2.000	5273275030	32	2.000	8,9	60	72	52119506
AU3/F 2.400	5273275040	36	2.400	9,3	62	72,5	52119506
AU3/F 3.000	5273275050	40	3.000	10,0	65	72,5	52119506
DN 80 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/F 1.000	5273270010	24	1.000	8,2	50	72	52119506
AU3/F 1.600	5273270020	30	1.600	8,6	55	72	52119506
AU3/F 2.000	5273270030	32	2.000	8,9	60	72	52119506
AU3/F 2.400	5273270040	36	2.400	9,3	62	72,5	52119506
AU3/F 3.000	5273270050	40	3.000	10,0	65	72,5	52119506

\* Minimum warranted range of jet at nominal pressure.





## AU3/K, Bz, with water pipe and adjustable full jet/spray jet nozzle

- Water powered automatic self-oscillating water monitor AU3/K type,
- body Bronze B ZN 7 for seawater service,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with water pipe in light alloy complete with internal flow stabilizers and K-type manually adjustable water nozzle for full jet and spray jet (max.spray angle  $30^{\circ}$ ) in seawater resistant light alloy EN AB 42000-Al Si 7 MgTA, flowrate 1.000 to 3.000 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/K 1.000	5273276110	24	1.000	8,2	50	75	52119517
AU3/K 1.600	5273276120	30	1.600	8,6	55	75	52119517
AU3/K 2.000	5273276130	32	2.000	8,9	60	75	52119517
AU3/K 2.400	5273276140	36	2.400	9,3	62	76	52119517
AU3/K 3.000	5273276150	40	3.000	10,0	65	76	52119517
DN 100 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/K 1.000	5273271110	24	1.000	8,2	50	75	52119517
AU3/K 1.600	5273271120	30	1.600	8,6	55	75	52119517
AU3/K 2.000	5273271130	32	2.000	8,9	60	75	52119517
AU3/K 2.400	5273271140	36	2.400	9,3	62	76	52119517
AU3/K 3.000	5273271150	40	3.000	10,0	65	76	52119517

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/K 1.000	5273275110	24	1.000	8,2	50	74	52119517
AU3/K 1.600	5273275120	30	1.600	8,6	55	74	52119517
AU3/K 2.000	5273275130	32	2.000	8,9	60	74	52119517
AU3/K 2.400	5273275140	36	2.400	9,3	62	75	52119517
AU3/K 3.000	5273275150	40	3.000	10,0	65	75	52119517
DN 80 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/K 1.000	5273270110	24	1.000	8,2	50	74	52119517
AU3/K 1.600	5273270120	30	1.600	8,6	55	74	52119517
AU3/K 2.000	5273270130	32	2.000	8,9	60	74	52119517
AU3/K 2.400	5273270140	36	2.400	9,3	62	75	52119517
AU3/K 3.000	5273270150	40	3.000	10,0	65	75	52119517

\* Minimum warranted range of jet at nominal pressure.



## AU3/MS, Bz, with adjustable full jet/fog jet nozzle

- Water powered automatic self-oscillating water monitor AU3/MS type,
- body Bronze B ZN 7 for seawater service,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with MS-type manually adjustable water nozzle for full jet and fog jet (max. spray angle  $130^{\circ}$ ) in Bronze B ZN 7, flowrate 1.800 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/MS 1.800	5273276000	1.800	8,7	40	79.5	52119519
DN 100 DIN PN 16 flange						
Type	Code nr.	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/MS 1.800	5273271000	1.800	8,7	40	79.5	52119519
3" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/MS 1.800	5273275000	1.800	8,7	40	78.5	52119519
DN 80 DIN PN 16 flange						
Type	Code nr.	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/MS 1.800	5273270000	1.800	8,7	40	78.5	52119519

\* Minimum warranted range of jet at nominal pressure.



## AU3/A, Bz, with foam/water pipe

- Water powered automatic self-oscillating foam/water monitor AU3/A type,
- body Bronze B ZN 7 for seawater service,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with combined foam/water pipe A type, nozzle Bronze B ZN 7, pipe stainless steel AISI 304, flowrate 1.000 to 3.000 lt/min,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000	5273276410	A 1.000	1.000	8,2	45	79	52119516
AU3/A 1.600	5273276420	A 1.600	1.600	8,6	50	79	52119516
AU3/A 2.000	5273276430	A 2.000	2.000	8,9	54	79.5	52119516
AU3/A 2.400	5273276440	A 2.400	2.400	9,3	56	79.5	52119516
AU3/A 3.000	5273276450	A 3.000	3.000	10,0	60	80.5	52119516
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000	5273271410	A 1.000	1.000	8,2	45	79	52119516
AU3/A 1.600	5273271420	A 1.600	1.600	8,6	50	79	52119516
AU3/A 2.000	5273271430	A 2.000	2.000	8,9	54	79.5	52119516
AU3/A 2.400	5273271440	A 2.400	2.400	9,3	56	79.5	52119516
AU3/A 3.000	5273271450	A 3.000	3.000	10,0	60	80.5	52119516

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000	5273275410	A 1.000	1.000	8,2	45	78	52119516
AU3/A 1.600	5273275420	A 1.600	1.600	8,6	50	78	52119516
AU3/A 2.000	5273275430	A 2.000	2.000	8,9	54	78.5	52119516
AU3/A 2.400	5273275440	A 2.400	2.400	9,3	56	78.5	52119516
AU3/A 3.000	5273275450	A 3.000	3.000	10,0	60	79.5	52119516
DN 80 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000	5273270410	A 1.000	1.000	8,2	45	78	52119516
AU3/A 1.600	5273270420	A 1.600	1.600	8,6	50	78	52119516
AU3/A 2.000	5273270430	A 2.000	2.000	8,9	54	78.5	52119516
AU3/A 2.400	5273270440	A 2.400	2.400	9,3	56	78.5	52119516
AU3/A 3.000	5273270450	A 3.000	3.000	10,0	60	79.5	52119516

\* Minimum warranted range of jet at nominal pressure.



## AU3/A-Def, Bz, with foam/water pipe and manually operated deflector

- Water powered automatic self-oscillating foam/water monitor AU3/A-Def type,
- body Bronze B ZN 7 for seawater service,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with combined foam/water pipe A type, nozzle Bronze B ZN 7, pipe stainless steel AISI 304, flowrate 1.000 to 3.000 lt/min, with manually operated foam deflector in stainless steel AISI 304 for full jet/flat jet
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000-Def	5273276490	A 1.000	1.000	8,2	45	83	52119521
AU3/A 1.600-Def	5273276680	A 1.600	1.600	8,6	50	83	52119521
AU3/A 2.000-Def	5273276470	A 2.000	2.000	8,9	54	83.5	52119521
AU3/A 2.400-Def	5273276500	A 2.400	2.400	9,3	56	83.5	52119521
AU3/A 3.000-Def	5273276480	A 3.000	3.000	10,0	60	84	52119521
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000-Def	5273271490	A 1.000	1.000	8,2	45	83	52119521
AU3/A 1.600-Def	5273271680	A 1.600	1.600	8,6	50	83	52119521
AU3/A 2.000-Def	5273271470	A 2.000	2.000	8,9	54	83.5	52119521
AU3/A 2.400-Def	5273271500	A 2.400	2.400	9,3	56	83.5	52119521
AU3/A 3.000-Def	5273277480	A 3.000	3.000	10,0	60	84	52119521

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000-Def	5273275490	A 1.000	1.000	8,2	45	82	52119521
AU3/A 1.600-Def	5273275680	A 1.600	1.600	8,6	50	82	52119521
AU3/A 2.000-Def	5273275470	A 2.000	2.000	8,9	54	82.5	52119521
AU3/A 2.400-Def	5273275500	A 2.400	2.400	9,3	56	82.5	52119521
AU3/A 3.000-Def	5273275480	A 3.000	3.000	10,0	60	83	52119521
DN 80 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/A 1.000-Def	5273270490	A 1.000	1.000	8,2	45	82	52119521
AU3/A 1.600-Def	5273270680	A 1.600	1.600	8,6	50	82	52119521
AU3/A 2.000-Def	5273270470	A 2.000	2.000	8,9	54	82.5	52119521
AU3/A 2.400-Def	5273270500	A 2.400	2.400	9,3	56	82.5	52119521
AU3/A 3.000-Def	5273270480	A 3.000	3.000	10,0	60	83	52119521

\* Minimum warranted range of jet at nominal pressure.



## AU3/AW, Bz, with self priming foam/water pipe

- Water powered automatic self-oscillating foam/water monitor AU3/AW type,
- body Bronze B ZN 7 for seawater service,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with combined self-priming foam/water pipe AW type, nozzle Bronze B ZN 7, pipe stainless steel AISI 304, flowrate 1.000 to 3.000 lt/min, with foam compound admixing percentage regulating valve and 2,5 mt suctioning pipe,
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000	5273276590	AW 1.000	1.000	8,2	45	81	52119520
AU3/AW 1.600	5273276780	AW 1.600	1.600	8,6	50	81	52119520
AU3/AW 2.000	5273276570	AW 2.000	2.000	8,9	54	83.5	52119520
AU3/AW 2.400	5273276600	AW 2.400	2.400	9,3	56	83.5	52119520
AU3/AW 3.000	5273276580	AW 3.000	3.000	10,0	60	87.5	52119520
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000	5273271590	AW 1.000	1.000	8,2	45	81	52119520
AU3/AW 1.600	5273271780	AW 1.600	1.600	8,6	50	81	52119520
AU3/AW 2.000	5273271570	AW 2.000	2.000	8,9	54	83.5	52119520
AU3/AW 2.400	5273271600	AW 2.400	2.400	9,3	56	83.5	52119520
AU3/AW 3.000	5273271580	AW 3000	3.000	10,0	60	87	52119520

\* Minimum warranted range of jet at nominal pressure.





3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000	5273275590	AW 1.000	1.000	8,2	45	78	52119520
AU3/AW 1.600	5273275780	AW 1.600	1.600	8,6	50	78	52119520
AU3/AW 2.000	5273275570	AW 2.000	2.000	8,9	54	80.5	52119520
AU3/AW 2.400	5273275600	AW 2.400	2.400	9,3	56	80.5	52119520
AU3/AW 3.000	5273275580	AW 3.000	3.000	10,0	60	84.5	52119520
DN 80 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000	5273270590	AW 1.000	1.000	8,2	45	78	52119520
AU3/AW 1.600	5273270780	AW 1.600	1.600	8,6	50	78	52119520
AU3/AW 2.000	5273270570	AW 2.000	2.000	8,9	54	80.5	52119520
AU3/AW 2.400	5273270600	AW 2.400	2.400	9,3	56	80.5	52119520
AU3/AW 3.000	5273270580	AW 3.000	3.000	10,0	60	84.5	52119520

\* Minimum warranted range of jet at nominal pressure.



## AU3/AW, Bz, with self priming foam/water pipe and manually operated deflector

- Water powered automatic self-oscillating foam/water monitor AU3/AW-Def type,
- body Bronze B ZN 7 for seawater service,
  - automatic horizontal oscillating movement by means of water piston in stainless steel, adjustable horizontal sweeping angle  $30^{\circ} \div 180^{\circ}$ , with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation  $360^{\circ}$ , elevation  $+65^{\circ}$ ,  $-45^{\circ}$  with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16 alternatively inlet flange 3" ANSI 150 lbs R.F., or DN 80 DIN PN 16
  - with combined self-priming foam/water pipe AW type, nozzle Bronze B ZN 7, pipe stainless steel AISI 304, flowrate 1.000 to 3.000 lt/min, with foam compound admixing percentage regulating valve and 2,5 mt suctioning pipe, with manually operated foam deflector in stainless steel AISI 304 for full jet/flat jet
  - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t.  $\geq 40\mu$ , n.2 final polyurethanic coat red RAL 3000, d.f.t.  $\geq 30\mu$  each, total d.f.t.  $\geq 100\mu$

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000Def	5273276590	AW1.000	1.000	8,2	45	85	52119522
AU3/AW 1.600Def	5273276780	AW1.600	1.600	8,6	50	85	52119522
AU3/AW 2.000Def	5273276570	AW2.000	2.000	8,9	54	87.5	52119522
AU3/AW 2.400Def	5273276600	AW2.400	2.400	9,3	56	87.5	52119522
AU3/AW 3.000Def	5273276580	AW3.000	3.000	10,0	60	91.5	52119522
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000Def	5273271590	AW1.000	1.000	8,2	45	85	52119522
AU3/AW 1.600Def	5273271780	AW1.600	1.600	8,6	50	85	52119522
AU3/AW 2.000Def	5273271570	AW2.000	2.000	8,9	54	87.5	52119522
AU3/AW 2.400Def	5273271600	AW2.400	2.400	9,3	56	87.5	52119522
AU3/AW 3.000Def	5273271580	AW3.000	3.000	10,0	60	91.5	52119522

\* Minimum warranted range of jet at nominal pressure.



3" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000Def	5273275590	AW1.000	1.000	8,2	45	82	52119522
AU3/AW 1.600Def	5273275780	AW1.600	1.600	8,6	50	82	52119522
AU3/AW 2.000Def	5273275570	AW2.000	2.000	8,9	54	84.5	52119522
AU3/AW 2.400Def	5273275600	AW2.400	2.400	9,3	56	84.5	52119522
AU3/AW 3.000Def	5273275580	AW3.000	3.000	10,0	60	88.5	52119522
DN 80 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
AU3/AW 1.000Def	5273270590	AW1.000	1.000	8,2	45	82	52119522
AU3/AW 1.600Def	5273270780	AW1.600	1.600	8,6	50	82	52119522
AU3/AW 2.000Def	5273270570	AW2.000	2.000	8,9	54	84.5	52119522
AU3/AW 2.400Def	5273270600	AW2.400	2.400	9,3	56	84.5	52119522
AU3/AW 3.000Def	5273270580	AW3.000	3.000	10,0	60	88.5	52119522

\* Minimum warranted range of jet at nominal pressure.