



## AU3 Trailer Mounted Monitors

**AU3 Monitors LL** (Light Alloy EN AB 42000-Al Si 7 MgTA),  
**mounted on F1 type Trailer**

- 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/AW, LL, with self priming foam/water pipe

### Remark

Trailer Mounted Monitors with on board Foam Compound storage Tank are listed under the **Mobile Foam Units** section

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 Trailer Mounted Monitors

### AU3/F, LL, with water pipe and full jet nozzle, mounted on F1 type Trailer

- Trailer mounted 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,
  - flanged 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,
- mounted on F1 type single axle trailer in carbon steel, suitable for towing inside an industrial area, equipped with
  - 2 rubber wheels,
  - towing eye,
  - feeding elbow 4" to the monitor in sea water resistant light alloy EN AB 42000-Al Si 7 MgTA with 2 (sizes up to 2:000 lt./min.) or 3 (sizes from 2.400 lt./min.) inlets  $2\frac{1}{2}$ " with non return clapper and BS  $2\frac{1}{2}$ " inst. Male couplings in brass, (alt. STORZ B 75 couplings in light alloy, UNI 70 couplings in brass or other couplings according to different National Standards on request),
- 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.  $\geq 100\mu$

With couplings BS $2\frac{1}{2}$ " inst. male type							
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	5273176210	24	1.000	8,2	50	120	52050059
AU3/F 1.600	5273176220	30	1.600	8,6	55	120	52050059
AU3/F 2.000	5273176230	32	2.000	8,9	60	120	52050059
AU3/F 2.400	5273177240	36	2.400	9,3	62	121	52050059
AU3/F 3.000	5273177250	40	3.000	10,0	65	121	52050059



With couplings STORZ B 75 type							
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	5273173210	24	1.000	8,2	50	120	52050059
AU3/F 1.600	5273173220	30	1.600	8,6	55	120	52050059
AU3/F 2.000	5273173230	32	2.000	8,9	60	120	52050059
AU3/F 2.400	5273174240	36	2.400	9,3	62	121	52050059
AU3/F 3.000	5273174250	40	3.000	10,0	65	121	52050059
With couplings UNI 70FG type							
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	5273171210	24	1.000	8,2	50	120	52050059
AU3/F 1.600	5273171220	30	1.600	8,6	55	120	52050059
AU3/F 2.000	5273171230	32	2.000	8,9	60	120	52050059
AU3/F 2.400	5273172240	36	2.400	9,3	62	121	52050059
AU3/F 3.000	5273172250	40	3.000	10,0	65	121	52050059

\* Minimum warranted range of jet at nominal pressure.



## AU3/K, LL, with water pipe and adjustable full jet/spray jet nozzle, mounted on F1 type Trailer

- Trailer mounted 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,
  - flanged 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,
- mounted on F1 type single axle trailer in carbon steel, suitable for towing inside an industrial area, equipped with
    - 2 rubber wheels,
    - towing eye,
    - feeding elbow 4" to the monitor in sea water resistant light alloy EN AB 42000-Al Si 7 MgTA with 2 (sizes up to 2:000 lt./min.) or 3 (sizes from 2.400 lt./min.) inlets  $2\frac{1}{2}$ " with non return clapper and BS  $2\frac{1}{2}$ " inst. male couplings in brass, (alt. STORZ B 75 couplings in light alloy, UNI 70 couplings in brass or other couplings according to different National Standards on request),
  - 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.  $\geq 100\mu$

With couplings BS $2\frac{1}{2}$ " inst. male type							
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	5273176310	24	1.000	8,2	50	121	52050058
AU3/K 1.600	5273176320	30	1.600	8,6	55	121	52050058
AU3/K 2.000	5273176330	32	2.000	8,9	60	122	52050058
AU3/K 2.400	5273177340	36	2.400	9,3	62	122	52050058
AU3/K 3.000	5273177350	40	3.000	10,0	65	123	52050058



With couplings STORZ B 75 type							
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	5273173310	24	1.000	8,2	50	121	52050058
AU3/K 1.600	5273173320	30	1.600	8,6	55	121	52050058
AU3/K 2.000	5273173330	32	2.000	8,9	60	122	52050058
AU3/K 2.400	5273174340	36	2.400	9,3	62	122	52050058
AU3/K 3.000	5273174350	40	3.000	10,0	65	123	52050058
With couplings UNI 70FG type							
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	5273171310	24	1.000	8,2	50	121	52050058
AU3/K 1.600	5273171320	30	1.600	8,6	55	121	52050058
AU3/K 2.000	5273171330	32	2.000	8,9	60	122	52050058
AU3/K 2.400	5273172340	36	2.400	9,3	62	122	52050058
AU3/K 3.000	5273172350	40	3.000	10,0	65	123	52050058

\* Minimum warranted range of jet at nominal pressure.



### AU3/MS, LL, with adjustable full jet/fog jet nozzle, mounted on F1 type Trailer

- Trailer mounted 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°÷180°, with shut off and oscillating speed regulating valve,
  - manual operation by means of handlever, rotation 360°, elevation +65°, -45° with locking device in all positions,
  - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples,
  - flanged 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°) in seawater resistant light alloy EN AB 42000-Al Si 7 MgTA, flowrate 1.800 lt/min,
- mounted on F1 type single axle trailer in carbon steel, suitable for towing inside an industrial area, equipped with
  - 2 rubber wheels,
  - towing eye,
  - feeding elbow 4" to the monitor in sea water resistant light alloy EN AB 42000-Al Si 7 MgTA with 2 (sizes up to 2:000 lt./min.) or 3 (sizes from 2.400 lt./min.) inlets 2½" with non return clapper and BS 2½" inst. male couplings in brass, (alt. STORZ B 75 couplings in light alloy, UNI 70 couplings in brass or other couplings according to different National Standards on request),
- 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

With couplings BS 2½" inst. male type						
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	5273176200	1.800	8,7	40	119	52050066
With couplings STORZ B 75 type						
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	5273173200	1.800	8,7	40	119	52050066
With couplings UNI 70FG type						
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	5273171200	1.800	8,7	40	119	52050066

\* Minimum warranted range of jet at nominal pressure.



## AU3/A, LL, with foam/water pipe, mounted on F1 type Trailer

- Trailer mounted 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,
  - flanged 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,
  - mounted on F1 type single axle trailer in carbon steel, suitable for towing inside an industrial area, equipped with
    - 2 rubber wheels,
    - towing eye,
    - feeding elbow 4" to the monitor in sea water resistant light alloy EN AB 42000-Al Si 7 MgTA with 2 (sizes up to 2:000 lt./min.) or 3 (sizes from 2.400 lt./min.) inlets  $2\frac{1}{2}$ " with non return clapper and BS  $2\frac{1}{2}$ " inst. male couplings in brass, (alt. STORZ B 75 couplings in light alloy, UNI 70 couplings in brass or other couplings according to different National Standards on request),
  - 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.  $\geq 100\mu$

With couplings BS $2\frac{1}{2}$ " inst. male type							
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	5273176610	A 1.000	1.000	8,2	45	122	52050056
AU3/A 1.600	5273176620	A 1.600	1.600	8,6	50	122	52050056
AU3/A 2.000	5273176630	A 2.000	2.000	8,9	54	123	52050056
AU3/A 2.400	5273176740	A 2.400	2.400	9,3	56	123	52050056
AU3/A 3.000	5273176750	A 3.000	3.000	10,0	60	124	52050056



With couplings STORZ B 75 type							
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	5273173610	A 1.000	1.000	8,2	45	122	52050056
AU3/A 1.600	5273173620	A 1.600	1.600	8,6	50	122	52050056
AU3/A 2.000	5273173630	A 2.000	2.000	8,9	54	123	52050056
AU3/A 2.400	5273174640	A 2.400	2.400	9,3	56	123	52050056
AU3/A 3.000	5273174650	A 3.000	3.000	10,0	60	124	52050056
With couplings UNI 70FG type							
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	5273171610	A 1.000	1.000	8,2	45	122	52050056
AU3/A 1.600	5273171620	A 1.600	1.600	8,6	50	122	52050056
AU3/A 2.000	5273171630	A 2.000	2.000	8,9	54	123	52050056
AU3/A 2.400	5273172640	A 2.400	2.400	9,3	56	123	52050056
AU3/A 3.000	5273172650	A 3.000	3.000	10,0	60	124	52050056

\* Minimum warranted range of jet at nominal pressure.





## AU3/AW, LL, with self priming foam/water pipe, mounted on F1 type Trailer

- Trailer mounted 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,
  - flanged 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,
  - mounted on F1 type single axle trailer in carbon steel, suitable for towing inside an industrial area, equipped with
    - 2 rubber wheels,
    - towing eye,
    - feeding elbow 4" to the monitor in sea water resistant light alloy EN AB 42000-Al Si 7 MgTA with 2 (sizes up to 2:000 lt./min.) or 3 (sizes from 2.400 lt./min.) inlets 2½" with non return clapper and BS 2½" inst. Male couplings in brass, (alt. STORZ B 75 couplings in light alloy, UNI 70 couplings in brass or other couplings according to different National Standards on request),
  - 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.  $\geq 100\mu$

With couplings BS 2½" inst. male type							
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	5273176710	AW 1.000	1.000	8,2	45	124	52050057
AU3/AW 1.600	5273176720	AW 1.600	1.600	8,6	50	124	52050057
AU3/AW 2.000	5273176730	AW 2.000	2.000	8,9	54	125	52050057
AU3/AW 2.400	5273177740	AW 2.400	2.400	9,3	56	126	52050057
AU3/AW 3.000	5273177750	AW 3.000	3.000	10,0	60	126	52050057



With couplings STORZ B 75 type							
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	5273173710	AW 1.000	1.000	8,2	45	124	52050057
AU3/AW 1.600	5273173720	AW 1.600	1.600	8,6	50	124	52050057
AU3/AW 2.000	5273173730	AW 2.000	2.000	8,9	54	125	52050057
AU3/AW 2.400	5273174740	AW 2.400	2.400	9,3	56	126	52050057
AU3/AW 3.000	5273174750	AW 3000	3.000	10,0	60	126	52050057
With couplings UNI 70FG type							
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	5273171710	AW 1.000	1.000	8,2	45	124	52050057
AU3/AW 1.600	5273171720	AW 1.600	1.600	8,6	50	124	52050057
AU3/AW 2.000	5273171730	AW 2.000	2.000	8,9	54	125	52050057
AU3/AW 2.400	5273172740	AW 2.400	2.400	9,3	56	126	52050057
AU3/AW 3.000	5273172750	AW 3000	3.000	10,0	60	126	52050057

\* Minimum warranted range of jet at nominal pressure.