

## TURBO NOZZLES >

Max. 950 l/min

Flash-over position

DIN VDE 0132  
approved

EN 15182



**FORMULA**  
...Fire Protection

The AWG Turbo nozzles are equipped with numerous perceptible features, so that the branchpipe operator can rely on optimum operation even if visibility is poor. Together with the robust design, this ensures extra reliability, safety and speed >

RESISTANT, LIGHTWEIGHT, ROBUST  
AND USER-FRIENDLY.

**AWG**

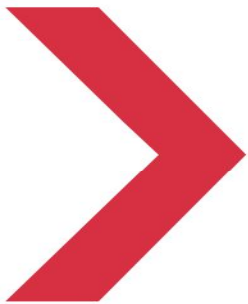


FIRE & RESCUE

2130 EN C

2235 EN C

2400 EN B



WHATEVER AWAITS YOU ON A CALL-OUT – THE NOZZLE SHOULD BE UP TO THE JOB. **AWG TURBO NOZZLES** ALLOW YOU TO WORK INTUITIVELY, EVEN UNDER STRESS. WITH CLEAR, EASILY UNDERSTOOD AND EFFECTIVE FUNCTIONS YOU CAN CONCENTRATE FULLY ON THE FIRE-FIGHTING.

It is opened and closed via a large bow-shaped handle; the flow rate is adjusted using a swivel ring. For the Turbo Nozzle 2400, for example, the flow rate pattern is 130, 235 and 400 l/min (6 bar). You have the setting securely in control even in poor visibility: A prominent knob (pointer) shows you the chosen value. When the setting is changed the swivel ring latches audibly and can be clearly felt.

*Dirt particles up to six millimetres in diameter can be flushed out easily. To do this, simply turn the flow controller beyond the maximum flow rate position.*

Simply turn the red nozzle head (bumper) to switch between straight and spray jet. Here too a pointer simplifies the correct setting: Pointer at the top for the 45 degree flash-over spray jet, pointer anticlockwise for the 120 degree spray jet, pointer clockwise for straight jet. The chosen pattern is fixed by latching. The ball-bearing coupling connection is rotatable even under pressure, which ensures unlimited mobility of the branchpipe operator.

**With AWG turbo nozzles you achieve maximum extinguishing effects through optimum spray jet design.**

This technology, especially developed by AWG, ensures the formation of effective droplet sizes; droplet speeds and spray jet distribution in the whole spray cone.

A fixed outer sprocket wheel reflects the jet inwards and produces a spray cone filled with droplets for absorption of large quantities of heat, e.g. in enclosed spaces (compartments). The inner rotatable turbo-wheel ensures additional, minimum droplet sizes.

The AWG Turbo nozzles can be used in electrical facilities with applied high-voltage of 380 kV considering the corresponding distances of DIN VDE 0132.

2750 EN B



- Intuitive handling even in poor visibility
- Fast pattern change
- Easily controllable flow rate with large adjusting ring
- Flush position for effective cleaning
- Suitable for pulsing application
- High-voltage approved acc. to DIN VDE 0132
- Suitable for use with water and with foam concentrates

### Diversity of size and connection standards

AWG Turbo nozzles are available in a large range of input sizes and connection standards.

A wide range is also available to you in the choice of flow rates:

Accessories >

Nominal size	Connection	Flow pattern l/min at 6 bar	Nominal pressure	Size	Weight kg	Dimensions L/B/H mm	High pressure	Turbo wheel	Handle	Spray angle 120° 160°	Colour	AWG Id No.
2130	Storz 25 (D)	40/80/130	PN 16	BG 1	1.500	248/100/235				■	■	605 944 33
2130	Storz 38	40/80/130	PN 40	BG 1	1.800	265/100/235	HD			■	■	606 053 33
2130	Storz 52 (C)	40/80/130	PN 16	BG 1	1.580	275/100/235				■	■	100 737 33
2130	G1	40/80/130	PN 40	BG 1	1.600	235/100/235	HD			■	■	606 051 33
2130	G2A	40/80/130	PN 16	BG 1	1.500	250/100/235				■	■	605 892 33
2235	Storz 52 (C)	60/130/235	PN 16	BG 2	2.480	287/110/246		■		■	■	100 728 33
2235	Storz 52 (C)	60/130/235	PN 16	BG 2	2.275	287/110/147		■	without	■	■	606 015 33
2235	Storz 52 (C)	60/130/235	PN 16	BG 2	2.400	287/110/246		■		■	■	100 813 33
2235	Storz 75 (B)	60/130/235	PN 16	BG 2	2.600	314/126/246		■		■	■	100 730 33
2235	G2A	60/130/235	PN 16	BG 2	2.200	270/110/246				■	■	605 697 33
2300	Storz 52 (C)	100/300	PN 16	BG 2	2.465	287/110/246		■		■	■	606 016 33
2400	Storz 52 (C)	130/235/400	PN 16	BG 2	2.480	287/110/246		■		■	■	100 718 33
2400	Storz 52 (C)	130/235/400	PN 16	BG 2	2.480	287/110/147		■	without	■	■	100 718 01
2400	Storz 75 (B)	130/235/400	PN 16	BG 2	2.655	314/126/246		■		■	■	100 729 33
2400	G2A	130/235/400	PN 16	BG 2	2.200	270/110/246		■		■	■	605 696 33
2475	Storz 52 (C)	115/230/360/475*	PN 16	BG 2	2.370	287/110/246		■		■	■	606 935 01
2475	Storz 52 (C)	115/230/360/475*	PN 16	BG 2	2.425	287/110/246		■		■	■	697 727 60
2475	Storz 75 (B)	115/230/360/475*	PN 16	BG 2	2.655	314/126/246		■		■	■	690 001 60
2475	G1½A	115/230/360/475*	PN 16	BG 2	2.100	260/110/246				■	■	607 451 33
2475	G2A	115/230/360/475*	PN 16	BG 2	2.100	260/110/246				■	■	697 852 60
2500	G2A	100/200/350/500	PN 16	BG 2	3.200	260/110/246				■	■	620 406 33
2750	Storz 52 (C)	360/550/750	PN 16	BG 3	3.540	360/112/246				■	■	606 171 33
2750	Storz 75 (B)	360/550/750	PN 16	BG 3	3.795	390/126/246				■	■	202 088 33
2750	G2A	360/550/750	PN 16	BG 3	3.200	370/110/246				■	■	606 170 33
2950	Storz 52 (C)	550/750/950	PN 16	BG 3	3.500	370/112/246				■	■	606 174 33
2950	Storz 75 (B)	550/750/950	PN 16	BG 3	3.805	390/126/246				■	■	606 175 33
2950	G2A	550/750/950	PN 16	BG 3	3.200	370/110/246				■	■	606 173 33

\* at 7 bar

Other sizes and connections on request

### 2 pointers for handling – a small but effective aid

The respective positions for setting flow rate **A** and spray form **B**, can be selected via short switching distances and even in poor visibility can be felt easily via two pointers. The latching points of the settings to be made are clearly audible and tangible and prevent inadvertent adjustment.

**A** The swivel ring for setting the flow rate generally has three use settings for the

- Pointer top: medium flow rate
- Pointer on the right: low flow rate
- Pointer on the left: high flow rate

**B** The pattern is selected by rotating the branchpipe head.

Straight jet, flash-over position and personnel protection with a spray angle from 0 to 120°, partly also up to 160°.



### Accessories



#### CARTRIDGE ADAPTER AND WETTING AGENT FIRE-EX TURBO 1000

	AWG Id-Nr.
Cartridge adapter for Turbo nozzles size 2 and 3	<b>300 799 59</b>
Wetting agent cartridge	<b>504 096 99</b>



#### FOAM ATTACHMENT

The foam attachment can be used for all standard film-forming and polyvalent foams. You can achieve a continuously adjustable expansion ratio between 0 and 20 fold, depending on the straight or spray jet setting of the Turbo nozzle. Can be inserted quickly and securely due to simple push-fit and lock mechanism.



	AWG ID No.
Size 1 suitable for Turbo nozzles 2130	<b>300 074 33</b>
Size 1 suitable for Turbo nozzles 2130 TR	<b>202 179 33</b>
Size 2 suitable for Turbo nozzles 2235, 2300, 2400	<b>303 892 33</b>
Size 3 suitable for Turbo nozzles 2750, 2950	<b>300 108 33</b>



#### REFLECT SUPPORT BEND – CONNECTION 2X STORZ 52 (C)

The familiar, comfortable and convenient handling when working with support bends is naturally also possible with our Turbo nozzles and is especially usefully at high pressures and flow rates of 400 l/min and higher. The kickback forces are dissipated downwards via the pressurised hose assembly. The branchpipe operator is therefore largely relieved of the kickback and can work without large exertion and without tiring. The support bend is equipped with a persistent fluorescent liner.

AWG ID No.
<b>606 452 33</b>

## FIRE & RESCUE



Would you like to receive more information or require technical advice?  
Just give us a call!

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You can also send your enquiry by e-mail to  
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For an overview please visit our websites at  
[www.awg-fittings.com](http://www.awg-fittings.com)

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*Those three brands offer you the most expanded product portfolio of premium equipment for rescue services as well as the industry.*



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