

Product catalog 2023



All AMN nozzles can be mounted directly on 12 mm stainless steel or polymer pipe.
Patented mounting solution for all our nozzles – Patent no.: BR 2013 00022

<u>Capacity (bar)</u>	<u>Capacity (psi)</u>	<u>Colour identification</u>
0,15 mm, 50 bar = 2,5 l/h H ₂ O	0,15 mm, 725 psi = 0,66 GPH H ₂ O	Black
0,15 mm, 70 bar = 3,0 l/h H ₂ O	0,15 mm, 1015 psi = 0,79 GPH H ₂ O	Black
0,2 mm, 50 bar = 3,5 l/h H ₂ O	0,2 mm, 725 psi = 0,92 GPH H ₂ O	Green
0,2 mm, 70 bar = 4,0 l/h H ₂ O	0,2 mm, 1015 psi = 1,06 GPH H ₂ O	Green
0,3 mm, 50 bar = 5,5 l/h H ₂ O	0,3 mm, 725 psi = 1,45 GPH H ₂ O	Red
0,3 mm, 70 bar = 6,5 l/h H ₂ O	0,3 mm, 1015 psi = 1,72 GPH H ₂ O	Red
0,4 mm, 50 bar = 8,5 l/h H ₂ O	0,4 mm, 725 psi = 2,25 GPH H ₂ O	Black
0,4 mm, 70 bar = 10 l/h H ₂ O	0,4 mm, 1015 psi = 2,64 GPH H ₂ O	Black

Recommended max. operating pressure

Industrial applications	: > 1000 hours/year @ max. 50 bar (725 psi)
Agriculture applications	: < 1000 hours/year @ max. 70 bar (1015 psi)
Hydraulic test pressure	: 210 bar (3045 psi).

Main materials

Stainless steel AISI 316 = A4 (A few details AISI 304 = A2)
Special hi-pressure resistant polymer
Nickel plated bronze/brass

Nozzle mounting tools

AMN2 = 15 mm spanner wrench

AMN2 nozzles




Integrated with filter and recommended if using normal tap water.

More info? Please contact: sales@amn-misting.com or take a look at www.amn-misting.com


Nozzles

<p>AMN2 024 Nozzle assembled 0,15 of A2 (black)</p>	
<p>AMN2 004 Nozzle assembled 0,2 of A2 (green)</p>	
<p>AMN2 003 Nozzle assembled 0,3 of A2 (red)</p>	
<p>AMN2 023 Nozzle assembled 0,4 of A2 (black)</p>	
<p>AMN2 002 Nozzle assembled 0,2 of SS/NP brass (green)</p>	
<p>AMN2 001 Nozzle assembled 0,3 of SS/NP brass (red)</p>	
<p>AMN2 021 Nozzle assembled 0,4 of SS/NP brass (black)</p>	









<p>AMN1 011 Nozzle bushing 0,15 of A2 (black) (with integral filter element)</p>	
<p>AMN1 009 Nozzle bushing 0,2 of A2 (green) (with integral filter element)</p>	
<p>AMN1 008 Nozzle bushing 0,3 of A2 (red) (with integral filter element)</p>	
<p>AMN1 028 Nozzle bushing 0,4 of A2 (black) (with integral filter element)</p>	
<p>AMN1 010 Nozzle plug (white) Only nozzle head with O-ring and no filter</p>	
<p>AMN1 007 Nozzle bushing 0,2 of SS/NP brass (green) (with integral filter element)</p>	
<p>AMN1 006 Nozzle bushing 0,3 of SS/NP brass (red) (with integral filter element)</p>	
<p>AMN1 026 Nozzle bushing 0,4 of SS/NP brass (black) (with integral filter element)</p>	
<p>AMN1 050 Integral nozzle filter element</p>	

<p>AMN2 501 Drilling tool</p> <p>For easy positioning and drilling of holes. Incl. 2 pcs. 3 mm drill. Design protected.</p>	
<p>AMN 505 Drill 3 mm</p> <p>Special drill for stainless steel with gold plated tip.</p>	
<p>AMN 506 Tool for nozzle</p> <p>For mounting of nozzle in nozzle guide bushing</p>	


Pipes and fittings


<p>AMN 301 Pipe 12 mm A4 (AISI 316 – Ø12 x 0,6 mm – one pipe = 6 meter)</p> <p>Minimum quantity in one package is 20 pcs. à 6 meter = 120 meter. Price may change depending on the marked situation. One box 3600 meter. (625x40x45 cm – GW 717 kg)</p>	
<p>AMN 302 Pipe 12 mm polymer</p> <p>Inside diameter Ø6 mm. - One roll of hose, diameter about 1,2 m. Weight about 20 kg.</p>	
<p>AMN 303 Press equal coupling 12 mm A4</p>	
<p>AMN 304 Press equal Tee 12 mm A4</p>	
<p>AMN 305 Press elbow 90 degrees 12 mm A4</p>	
<p>AMN 306 Press inside bushing brass + ring 12 mm A2</p> <p>To be mounted inside the 12 mm nylon pipe + ring outside. => Press fitting and nylon pipe connected. Test pressure > 210 bar. Patent no.: BR 2013 00023</p>	
<p>AMN 306X Press inside bushing – brass</p> <p>To be used when connecting polymer pipes with screw fittings.</p>	




<p>AMN 307 Press transition ¼ BSP 12 mm A4</p>	
<p>AMN 330 Screw fitting equal 12 mm A4</p>	
<p>AMN 331 Screw fitting elbow 12 mm A4</p>	
<p>AMN 332 Screw fitting equal Tee 12 mm A4</p>	
<p>AMN 333 Screw fitting transition ¼” to 12 mm A4</p>	
<p>AMN 320 Plug ¼” BSP male, brass, nickel plated</p>	
<p>AMN 321 Socket ¼” BSP female, brass, nickel plated</p>	
<p>AMN 322 Reducer ¼” to conical 3/8” brass, nickel plated</p>	
<p>AMN 323 Reducer ¼” to conical 1/2” brass, nickel plated</p>	

<p>AMN30 212 Pipe hanger 12 H30 (black) Patent no. BR 2013 00027 Design registration DR 2012 00012</p>	
<p>AMN30 212-L Pipe lock 12 H30 (black) Pipe lock to avoid temperature expansion and pipes turning.</p>	
<p>AMN 350 Press ball valve bronze 12 mm Nickel plated surface. SS 304 handle and ball.</p>	
<p>AMN 351 Press ball valve bronze 12 mm / 1/2" hose connector Nickel plated surface. SS 304 handle and ball.</p>	
<p>AMN 352 Ball valve bronze 1/4" BSP / 1/4" BSP Nickel plated surface. SS 304 handle and ball.</p>	
<p>AMN 353 Ball valve bronze 1/4" BSP / 1/2" hose connector Nickel plated surface. SS 304 handle and ball.</p>	
<p>AMN 360 Solenoid valve 400 l/h, 230 Vac (50/60 Hz) AMN 362 Solenoid valve 400 l/h, 24 Vac (50/60 Hz) AMN 363 Solenoid valve 400 l/h, 24 Vdc</p> <p>With 1/4" BSP thread - Orifice 2 mm SS 316. - Kv 2 L/min with 1 bar. – (400 l/h => pressure drop at about 10 bar) - 5 meters wire, SS washer and nut. Seal material: PU rubber. IP65. Nickel plated surface. Operating pressure max 80 bar.</p>	 <p>Ask for 16 bar solenoid valve, orifice 4,5 mm – Kv 6 (360 l/h => pressuredrop at 1 bar)</p>  <p>Plunger as sparepart</p>

<p>AMN 365 Solenoid valve 800 l/h, 230 Vac (50/60 Hz)</p> <p>Pilot controlled solenoid valve. Minimum difference pressure 1 bar. With ¼” BSP thread – Orifice 8 mm. – Kv 10 L/min with 1 bar. – 5 mtr. Wire. SS washer and nut. Seal material: PEEK. IP65. Operating pressure max 80 bar.</p>	
<p>AMN 502 Bending tool 12 mm</p> <p>Bending with a special and “big” radius R60 mm for stainless steel pipe. Design registration DR 2012 00012</p>	
<p>AMN 503 Pressing tong 12 mm – hand tool</p> <p>Made with a new design for ¼ of manpower. <i>(Based on the REMS pressing tong model V12, Rems nr. 570107 – modified for AMN Misting)</i></p> <p>Patent no. BR 2012 00028 Design registration DR 2012 00012</p>	
<p>AMN 507 Pipe cutter (REMS no. 113300)</p>	
<p>AMN 508 Wheel for pipe cutter (REMS no. 113210)</p>	
<p>AMN 513 Mini press machine set, accu (REMS) (REMS no. 578012)</p> <p>Incl. 1 pcs. 1,5 Ah battery (REMS no. 578012-incl.) 1 pcs. 3,0 Ah battery (REMS no. 571555) 1 pcs. press jaw V12 (REMS no. 578324) – <i>modified for AMN Misting</i> 1 pcs. hardcase for easy storage (REMS no. 578012-incl)</p>	







<p>AMN 611 Nozzle ring Ø600-1500, A4 pipe, square</p> <p>AMN 612 Nozzle ring Ø600-1500, A4 pipe, Hexagon</p> <p>AMN 613 Nozzle ring Ø600-1500, A4 pipe, Octogon</p> <p>AMN 617 Nozzle ring Ø600-1500, polymer pipe</p> <p>Diameter = center to center. Integrated with AMN 332 screw fitting</p> <p>AMN 619 Pre-mounted nozzle at ring (per pc.)</p>	
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<p>AMN 621 Nozzle head adapter 3/8" to 1/4" BSP A4</p> <p>AMN 622 Nozzle head adapter 3/8" to 10/24 UNC A4</p> <p>AMN 623 Nozzle head adapter 3/8" to 12/24 UNC A4</p> <p>Fits AMN nozzle bushing with filter</p>	
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<p>AMN 661 Press fitting with 12/24 thread, Bronze</p> <p>Nickel plated surface</p> <p>Fire suppression fitting</p>	
<p>AMN 662 Press fitting with 1 nozzle, 0,4 mm A2</p> <p>Fire suppression fitting</p>	
<p>AMN 663 Press fitting with 3 nozzles, 0,4 mm A2</p> <p>Fire suppression fitting</p> <p>Connector nickel-plated brass</p>	

Collections and combinations

<p>AMN 801 Press pipe end, plug AMN 307 + AMN 320 + AMN 321</p>	
<p>AMN 802 Press to 3/8" conical AMN 307 + AMN 322</p>	
<p>AMN 803 Press to 1/2" conical AMN 307 + AMN 323</p>	
<p>AMN 811 Screw pipe end, plug AMN 333 + AMN 320 + AMN 321</p>	
<p>AMN 812 Screw to 3/8" conical AMN 333 + AMN 322</p>	
<p>AMN 813 Screw to 1/2" conical AMN 333 + AMN 323</p>	

<p>AMN 852 Ball valve, 12 mm screw, ½” hose connector AMN 353 + AMN 333</p>	
<p>AMN 853 Ball valve, 2 x 12 mm screw AMN 352 + AMN 333 x 2</p>	
<p>AMN 860 Solenoid valve 400 l/h, 230 Vac, 2 x Press (AMN 360 + 2 x AMN 307) AMN 862 Solenoid valve 400 l/h, 24 Vac, 2 x Press (AMN 362 + 2 x AMN 307) AMN 863 Solenoid valve 400 l/h, 24 Vdc, 2 x Press (AMN 363 + 2 x AMN 307)</p>	
<p>AMN 865 Solenoid valve 800 l/h, 230 Vac, 2 x Press (AMN 365 + AMN 307 x 2)</p>	
<p>AMN 870 Solenoid valve 400 l/h, 230 Vac, 2 x Screw (AMN 360 + 2 x AMN 333) AMN 872 Solenoid valve 400 l/h, 24 Vac, 2 x Screw (AMN 362 + 2 x AMN 333) AMN 873 Solenoid valve 400 l/h, 24 Vdc, 2 x Screw (AMN 363 + 2 x AMN 333)</p>	
<p>AMN 875 Solenoid valve 800 l/h, 230 Vac, 2 x Screw (AMN 365 + 2 x AMN 333)</p>	

<p>AMN 880 Solenoid valve set with bleed-off 230 Vac, Press fitting Complete for decentralized sections incl. 2 x solenoid valve 400 l/h (AMN 360), 2 x tee (AMN 304), 3 x press fitting transition (AMN 307), 1 x ½” hose connection and 2 x 5 meters wire. Excl. pipe.</p> <p>AMN 881 Solenoid valve set with bleed-off 230 Vac, Screw fitting Complete for decentralized sections incl. 2 x solenoid valve 400 l/h (AMN 360), 2 x tee (AMN 332), 3 x screw fitting transition (AMN 333), 1 x ½” hose connection and 2 x 5 meters wire. Excl. pipe.</p>	
<p>AMN 882 Pressure gauge 100 bar Tee x Press fitting For showing decentralized pressure - bigger systems and multiple sections. (Pressure gauge + 2 x press transitions (AMN 307) + Tee)</p> <p>AMN 883 Pressure gauge 100 bar Tee x Screw fitting For showing decentralized pressure - bigger systems and multiple sections. (Pressure gauge + 2 x screw transitions (AMN 333) + Tee)</p>	
<p>AMN 890 ½” hose Used for draining from bleed-off valve.</p>	
<p>AMN 891 ¾” hose Used for water connection to the pump.</p>	
<p>AMN 892 Hose clamp ½” - 12->22 mm, Stainless steel</p>	
<p>AMN 893 Hose clamp ¾” - 20->32 mm, Stainless steel</p>	