

# SYSTEM: LOW PRESSURE WATER MIST SYSTEM



## Product description

The low-pressure water mist system (NDWN) is an environmentally friendly alternative to many conventional extinguishing methods and is used in many different areas. Due to the lower consumption of water and electricity, it works very efficiently. The water mist generated by pressure and special nozzles fights fires particularly well and quickly due to its high cooling capacity and the effect of oxygen displacement.

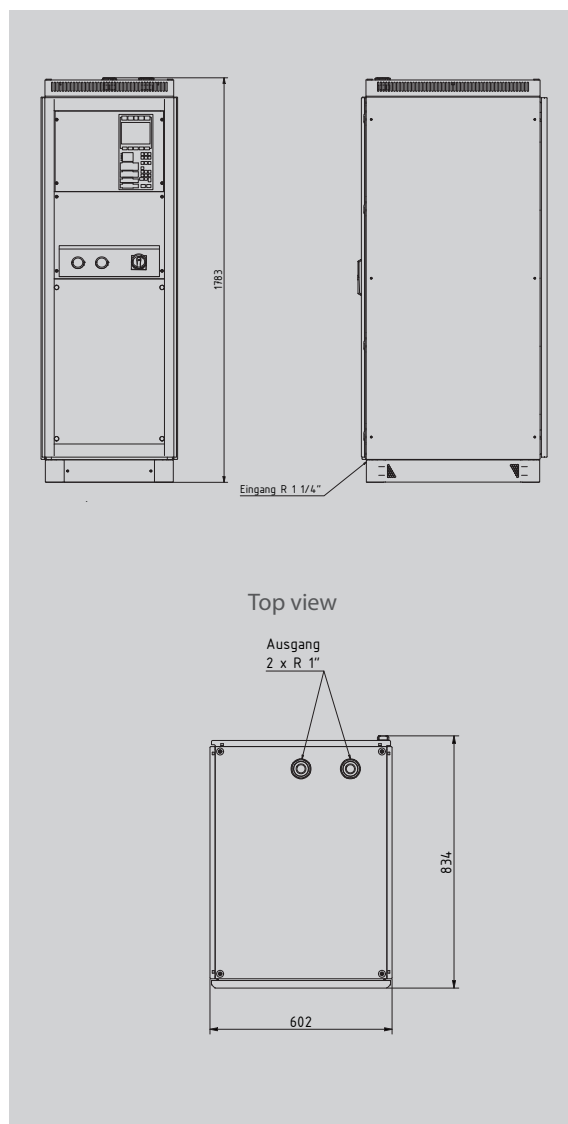
The compact design means that the low-pressure water mist system can also be installed in areas with little space, such as test stands or transformer stations. Low operating and maintenance costs enable cost-effective operation.

On customer request, this system can be designed in combination with an early fire detection system to form a system solution.

Main features	Integrated fire alarm control panel with extinguishing control	Reduces the amount of contaminated extinguishing water
	Operation possible for 2 separate extinguishing areas	Low energy consumption
	High cooling capacity and oxygen displacement through finest water nebulisation	Can be combined with water treatment and Recirculation
	Reduced extinguishing water demand	Emergency power supply and buffering via battery possible

## Product features

Technical data	NDWN
Dimensions L x W x H	834 x 602 x 1.783 mm
Delivery quantity	1,8 bis 9 m³/h
Max. operating pressure	25 bar
Extinguishing areas	2 (1 in standard, 1 optional)
Power	2,5 to 7,5 kW
Voltage	400 V/50 Hz
Weight	200 kg
Number of LOOPS (BMZ)	1 (240 participants)
Relay outputs (BMZ)	3 (1 of which is preset as a fault)
Approvals	CE · VdS (BMZ) · EN-54 (BMZ) · FM (nozzles)



- Range valves for up to 2 ranges
- Integrated fire alarm panel with extinguishing control
- Maintenance-free low pressure pump