

Water mist fire testing according to prEN 14972-17:2022 Test protocol for residential occupancies for automatic nozzle systems, and NS-EN 14972-1 Annex A

Prevent Systems AS

Nozzle: Prev5exp20

prEN 14972-17:2022 and NS-EN 14972-1:2020 Annex A



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Signed MG, KSA

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PROJECT NO.	20648	
REPORT NO.	20648-3	
REPORT ISSUED BY	RISE Fire Research AS (hereinafter referred to as RISE)	
DATE OF ISSUE	2023-12-04	
CLIENT/SPONSOR	Prevent Systems AS Fåberggata 126 2615 Lillehammer Norway	
CLIENT'S REF.	Erling Mengshoel	
NO. PAGES INCL. APPENDICES	26	
NO. APPENDICES	7 (A to G)	
STANDARD/METHOD	According to prEN 14972-17:2022 and NS-EN 14972-1:2020 Annex A	
TEST SPECIMEN	Nozzle: Prev5exp20	
TEST SPECIMEN RECEIVED	2023-03-30	
DATE OF TEST	2023-03-30	
TEST LOCATION	RISE Fire Research AS Tillerbruvegen 202 NO-7092 Tiller Norway	
ACCREDITED TEST	Yes, according to valid version of ISO/IEC 17025 at time of testing	
PURPOSE OF TEST	Approval purpose <i>Any test results relate only to the item tested.</i>	
AUTHOR OF REPORT	Max Gribble, Engineer	
APPROVED BY	Kemal Sarp Arsava, Scientist	<i>Kemal Sarp Arsava</i>

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Summary

Fire tests were performed on Nozzle: Prev5exp20 in an enclosure measuring 10 m x 5 m x 3.5m (L x W x H) with a spacing of 4.5 meter. The nozzles showed a satisfactory performance according to the developed test protocol produced by RISE using the guidelines given in NS-EN 14972-1:2020 Annex A [1] and passed the test requirements according to prEN 14972-17:2022 [2].