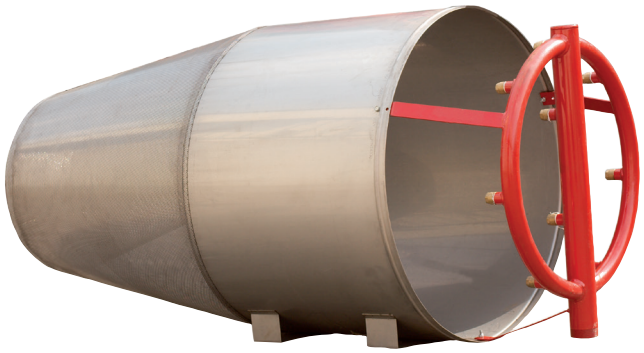
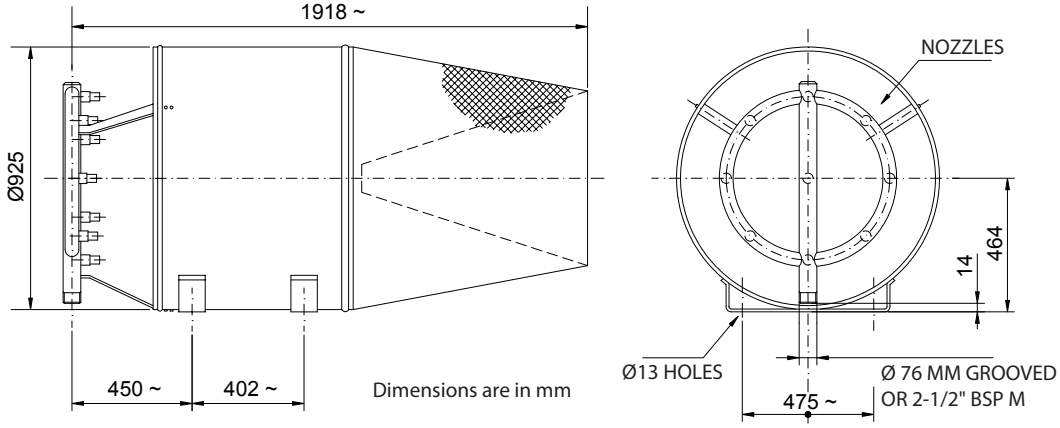
Discharge Devices & Nozzles

Foam Generator | GAE400 High Expansion Foam Generator | CNPP



GAE with threaded connection

Related Documents	None available
Approval / Certification	CNPP certification to APSAD T12
Material (Body)	Stainless steel
Material (Nozzle Ring)	Carbon steel or stainless steel (Flame red RAL3000)
Material (Nozzle)	Brass
Connection	76 mm grooved & 2-1/2" BSP male thread
Foam Requirement	Generator shall be used with LS-xMax, LS-aMax or Profilm AR3-3HE high expansion foam at 3% proportioning
Weight	59 kg
Scope of supply	• Generator body and pipework shipped disassembled • Site assembly of 3 support arms required • Fittings supplied



Part number		Connection	Working inlet pressure[1]	Flow rate range[1] (i/min)	Expansion ratio range[1]
Carbon steel pipe	Stainless steel pipe				
GAE-400	GAE-400SS	2-1/2" Male BSP	4-6	355-415	523:1 - 760:1
GAE-400G	GAE-400GSS	2-1/2" Grooved	4-6	355-415	523:1 - 760:1

[1] Refer to performance table for specific range information

Performance table: CNPP certification to APSAD T12 for use with APSAD R12 installation rules

Foam concentrate	Inlet pressure (bar)	Flow rate (l/min)	Expansion ratio [1]	Destruction rate "Td" (m/min) [2]		EN 1568 certification part:			
				Hydrocarbon [3]	Polar solvent [4]	1	2	3	4
VLS-eMax	4	355	550:1	4.28	2.62	×	✓	✓	✓
V LS-xMax	4	355	622:1	4.57	N/A	✓	✓	✓	×
V LS-xMax	6	415	760:1	4.33	N/A	✓	✓	✓	×
V LS-aMax	4	355	523:1	7.50	6.88	✓	✓	✓	✓
Profilm AR3-3HE	4	355	587:1	3.71	1.63	×	✓	×	✓

Note:
[1] Expansion ratio with clean air
[2] As per CNPP fire tests with KCA GAE400 generator with polluted air; only for use with APSAD R12 rules
[3] Hydrocarbon (water immiscible test liquid = heptane)
[4] Polar solvent (water miscible test liquid = acetone)

Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation (see "Related Documents" above) remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name.
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© K.C. Antincendi S.r.l. | Via Pavia 76 | 27042 Bressana Bottarone (PV) | Italy | info@kcantincendi.com