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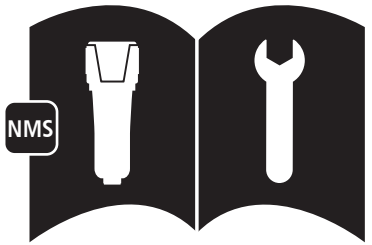

1340-NAN-310-06 - 12/21

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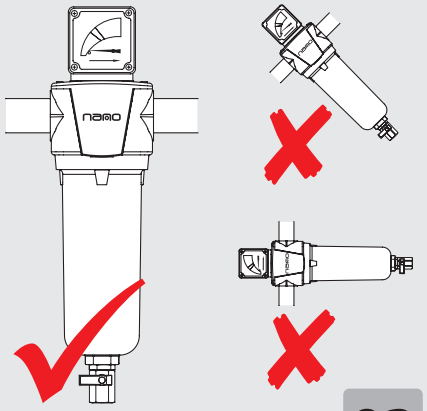
WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

01



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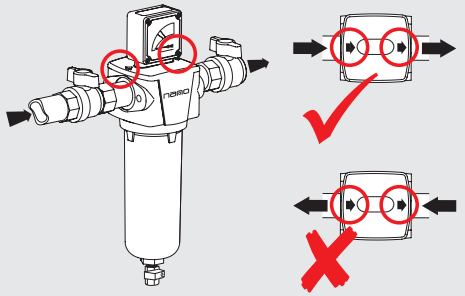

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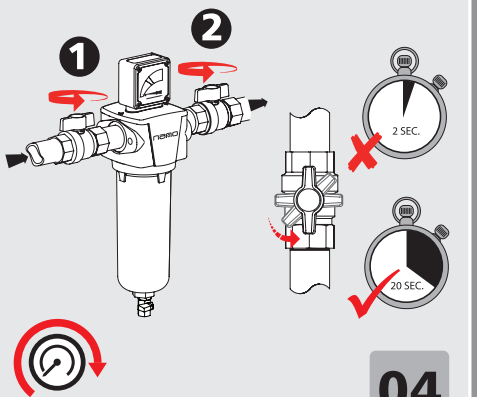

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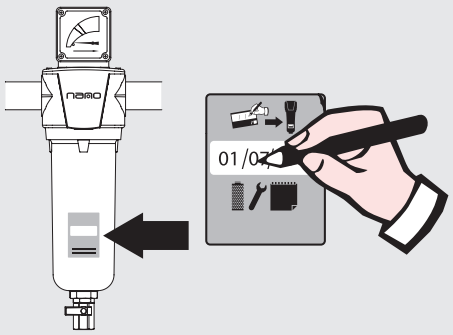

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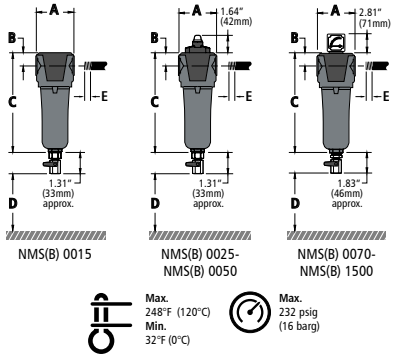

NMS(B) 0015 | NMS(B) 0025- NMS(B) 0050 | NMS(B) 0070- NMS(B) 1500

Max. 248°F (120°C) Min. 32°F (0°C)

Max. 232 psig (16 barg)

Operating Pressure psig (barg)	58 (4)	72 (5)	87 (6)	100 (7)	115 (8)	145 (10)	174 (12)	203 (14)	232 (16)
Correction Factor	0.76	0.84	0.92	1.00	1.07	1.19	1.31	1.41	1.51

EN Installation, maintenance and authorised disposal to be carried out by competent personnel only, in accordance with operating instructions, relevant standards, regulations and legal requirements. DE Installation, Wartung und Vernichtung dürfen nur von authorisiertem Fachpersonal und in Übereinstimmung mit der Bedienungsanleitung, den einschlägigen Normen, Vorschriften und gesetzlichen Bestimmungen durchgeführt werden. FR L'installation, la maintenance et l'élimination doivent uniquement être effectuées par des personnes qualifiées et autorisées, conformément aux instructions opérationnelles, aux normes pertinentes, aux exigences réglementaires et légales. NL Installatie, onderhoud en afvoer mag alleen uitgevoerd worden door vakbekwaam en bevoegd personeel, conform de bedieningsinstructies, relevante normen, voorschriften en wettelijke vereisten. ES La instalación, el mantenimiento y la eliminación deberán llevarlos a cabo personal competente y autorizado únicamente, de acuerdo con las instrucciones de funcionamiento y con las normativas, reglamentos y requisitos legales aplicables. IT Delle procedure di installazione, manutenzione e smaltimento deve occuparsi esclusivamente personale competente e autorizzato, nel rispetto delle istruzioni operative, delle norme pertinenti, dei regolamenti e dei requisiti legali vigenti. PT A instalação, a manutenção e a eliminação devem apenas executar-se por pessoal autorizado e competente, em conformidade com as instruções de funcionamento, com as normas e regulamentos relevantes e com os requisitos legais. EL Η εγκατάσταση, η συντήρηση και η απόρριψη πρέπει να εκτελείται μόνο από αρμόδιο και εξουσιοδοτημένο προσωπικό, σύμφωνα με τις οδηγίες χρήσης, τα σχετικά πρότυπα, τους συναφείς κανονισμούς και τις νόμιμες απαιτήσεις. SV Installation, underhåll och bortskaffande får endast utföras av behörig och auktoriserad personal och ska ske i enlighet med alla driftsanvisningar, tillämpliga standarder, förordningar och andra juridiska krav. NOR Installasjon, vedlikehold og avhending skal kun utføres av kompetent og autorisert personell i henhold til driftsinstruksjoner, relevante standarder, regelverk og lovmessige krav. DA Installation, vedligeholdelse og bortskaffelse må kun udføres af kompetent og autoriseret personale i henhold til betjeningsvejledningen, relevante standarder, bestemmelser og lovmæssige krav. FI Asennuksen, huollon ja käytöstä poiston saa suorittaa vain pätevä ja valtuutettu henkilöstö. Näiden toimenpiteiden aikana on noudatettava käyttöohjeita sekä asiaan liittyviä standardeja, määräyksiä ja lakeja. IS Uppsetning, viðhald og förgun á eingöngu að vera í höndum starfsfólks sem er hæft og viðurkennt á sínu sviði og á að framkvæma í samræmi við notkunarleiðbeiningar, viðeigandi staðla, reglugerðir og lög. PL Instalację, konserwację oraz utylizację może wykonywać wyłącznie wykwalifikowany i uprawniony personel zgodnie z instrukcją użycia, właściwymi standardami, przepisami i wymogami prawnymi. HU A telepítést, a karbantartást és az ártalmatlanítást kizárólag szakképzett, erre engedéllyel rendelkező személyzet végezheti az üzemeltetési utasításokkal, a vonatkozó szabványokkal, szabályokkal és törvényi előírásokkal összhangban. RO Instalarea, întreținerea și debarasarea vor fi efectuate numai de personal competent și autorizat, în concordanță cu instrucțiunile de utilizare, standardele relevante, regulamentele și cerințele legale. CS Instalaci, údržbu a likvidaci smějí provádět pouze kompetentní a autorizovaní pracovníci, v souladu s návodem k použití, příslušnými standardy, pravidly a právními požadavky. PT-BR Instalação, manutenção e destruição só podem ser efetuados por indivíduos competentes e autorizados de acordo com instruções operacionais, padrões, regulamentos e exigências jurídicas. JPN 設置、メンテナンス、および、廃棄については、作業指示書や 関連する基準、規則、法規に則り、有資格 者が行うようにしてください。

Filter model*	Pipe size	Flow rate		Dimensions inches (mm)					Weight lbs (Kg)	Element model
		SCFM	Nm³/hr	A	B	C	D	E (Max Thread)		
NMS(B) 0015	¼	15	25	1.93 (49)	0.73 (19)	6.00 (152)	3.00 (76)	0.35 (9)	0.7 (0.3)	E0015MS
NMS(B) 0025	¼	25	42	2.76 (70)	0.98 (25)	7.50 (191)	3.00 (76)	0.39 (10)	1.3 (0.6)	E0035MS
NMS(B) 0035	⅜	35	59	2.76 (70)	0.98 (25)	7.50 (191)	3.00 (76)	0.39 (10)	1.3 (0.6)	E0035MS
NMS(B) 0050	½	50	85	2.76 (70)	0.98 (25)	9.11 (232)	3.00 (76)	0.47 (12)	1.5 (0.7)	E0050MS
NMS(B) 0070	½	70	119	3.94 (100)	1.34 (34)	10.83 (275)	3.00 (76)	0.59 (15)	3.5 (1.6)	E0085MS
NMS(B) 0085	¾	85	144	3.94 (100)	1.34 (34)	10.83 (275)	3.00 (76)	0.59 (15)	3.5 (1.6)	E0085MS
NMS(B) 0175	1	175	297	3.94 (100)	1.34 (34)	15.55 (395)	3.00 (76)	0.59 (15)	4.4 (2.0)	E0175MS
NMS(B) 0280	1 ¼	280	476	4.80 (122)	1.65 (42)	18.07 (459)	3.00 (76)	0.71 (18)	6.2 (2.8)	E0325MS
NMS(B) 0325	1 ½	325	550	4.80 (122)	1.65 (42)	18.07 (459)	3.00 (76)	0.71 (18)	6.2 (2.8)	E0325MS
NMS(B) 0400	1 ½	400	680	5.75 (146)	2.05 (52)	18.94 (481)	3.00 (76)	0.79 (20)	9.2 (4.2)	E0450MS
NMS(B) 0450	2	450	765	5.75 (146)	2.05 (52)	18.94 (481)	3.00 (76)	0.91 (23)	9.2 (4.2)	E0450MS
NMS(B) 0700	2	700	1190	5.75 (146)	2.05 (52)	30.87 (784)	3.00 (76)	0.91 (23)	13.9 (6.3)	E0700MS
NMS(B) 0850	2 ½	850	1445	8.27 (210)	2.62 (67)	23.35 (593)	3.00 (76)	1.14 (29)	18.7 (8.5)	E1000MS
NMS(B) 1000	3	1000	1700	8.27 (210)	2.62 (67)	23.35 (593)	3.00 (76)	1.14 (29)	18.7 (8.5)	E1000MS
NMS(B) 1250	3	1250	2125	8.27 (210)	2.62 (67)	32.13 (816)	3.00 (76)	1.14 (29)	23.1 (10.5)	E1250MS
NMS(B) 1500	3	1500	2550	8.27 (210)	2.62 (67)	38.31 (973)	3.00 (76)	1.14 (29)	26.4 (12.0)	E1500MS

*Product supplied with NPT threaded connections as standard. For BSPP connections add prefix 'B' before the model number e.g. NMSB 0015.

EC Declaration of Conformity (2014/68/EU)

Product Description: Aluminium Filter Housings

Filter model	PED Category / Conformity Assessment Route		
	CAT SEP	CAT I / Module A	CAT II / Module D1 COV0310124/1
NMS(B) 0015	✓		
NMS(B) 0025	✓		
NMS(B) 0035	✓		
NMS(B) 0050	✓		
NMS(B) 0070	✓		
NMS(B) 0085	✓		
NMS(B) 0175	✓		
NMS(B) 0280	✓		
NMS(B) 0325	✓		
NMS(B) 0400		✓	
NMS(B) 0450		✓	
NMS(B) 0700		✓	
NMS(B) 0850		✓	
NMS(B) 1000		✓	
NMS(B) 1250			✓
NMS(B) 1500			✓

Assessment based on Group 2 Gas service
Standards Used: ASME VIII Division 1 - Rules for Construction of Pressure Vessels
Products supplied with NPT threaded connections as standard is not PED 2014/68/EU compliant

EC Declaration of Conformity (2014/68/EU)

This declaration of conformity is issued under the sole responsibility of the manfacturer. I declare on behalf of the manufacturer, and as authorised representative, that the stated products fulfil the requirements of Category IV Module B+D (B:COV1311318, D:COV131135/3) of the Pressure Equipment Directive 2014/68/EU.

Name: Michael Eccles
Position: Technical Director

Signed: Date: September 2017

Manufactured in the UK by nano-purification solutions Ltd
www.n-psi.co.uk

Notified body (Not applicable to SEP or Cat I Products)
Lloyd's Register Verification Ltd– Notified Body No 0038
71 Fenchurch Street, London EC3M 4BS. England

Quality Assurance System: ISO9001 – LRQ4005450
Lloyds Register Quality Assurance Ltd (LRQA)
1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom

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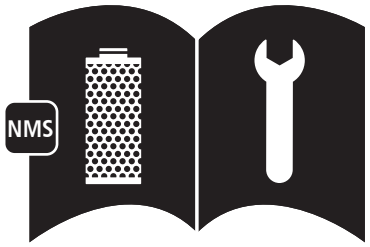

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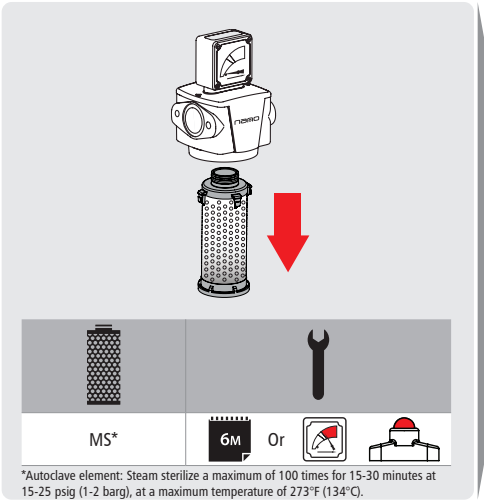
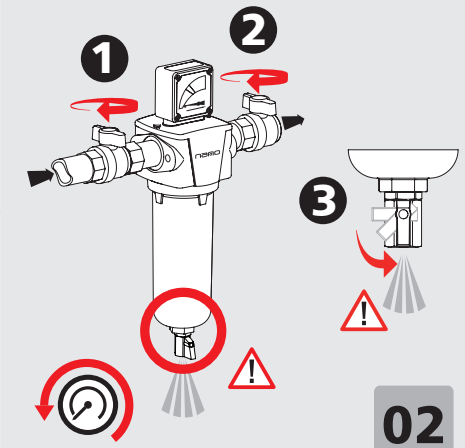


*Autoclave element: Steam sterilize a maximum of 100 times for 15-30 minutes at 15-25 psig (1-2 barg), at a maximum temperature of 273°F (134°C).

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

01



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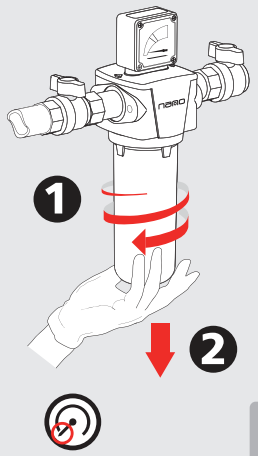

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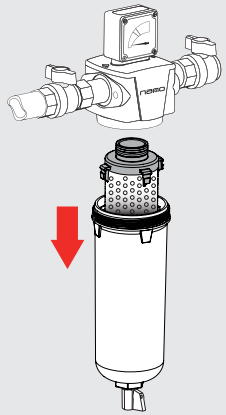

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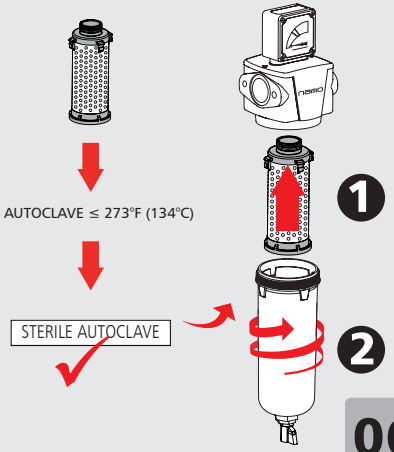

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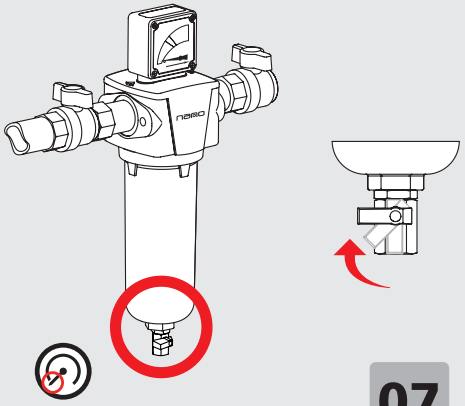

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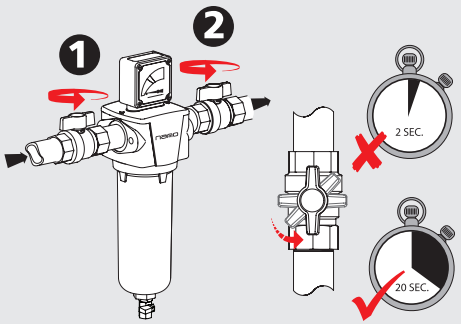

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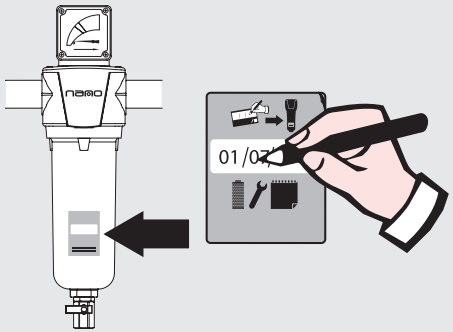

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