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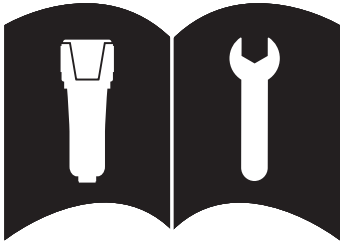

1340-NAN-310-01 - 10/18

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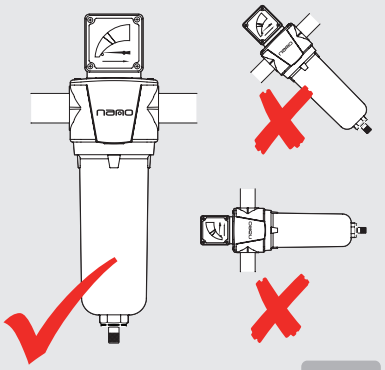
WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

01



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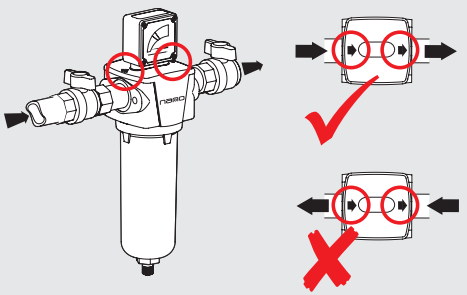

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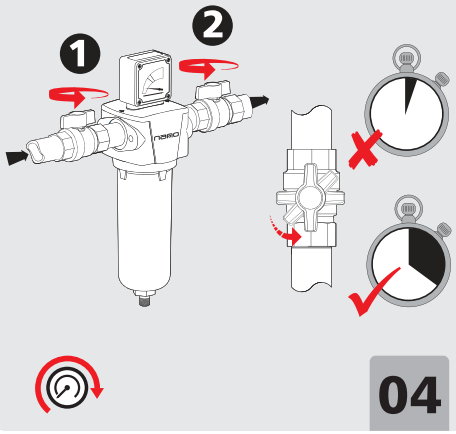

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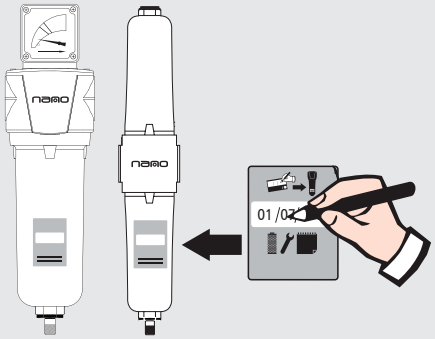

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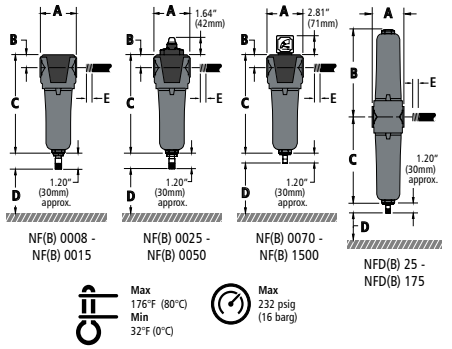

Operating Pressure psig (barg)	58 (4)	72 (5)	87 (6)	100 (7)	115 (8)	145 (10)	174 (12)	203 (14)	232 (16)
Correction Factor	0.76	0.84	0.92	1.00	1.07	1.19	1.31	1.41	1.51

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. CZ 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, manutencão e destruição só podem ser efetuados por indivíduos competentes e autorizados de acordo com instruções operacionais, padrões, regulamentos e exigências jurídicas.

Filter model*	Pipe size	Flow rate		Dimensions inches (mm)					Weight lbs (Kg)	Element model
		SCFM	Nm³/hr	A	B	C	D	E (Max Thread)		
NF(B) 0008**	¼	8	13	1.93 (49)	0.73 (19)	6.00 (152)	3.00 (76)	0.35 (9)	0.7 (0.3)	E0008**
NF(B) 0015**	¼	15	25	1.93 (49)	0.73 (19)	6.00 (152)	3.00 (76)	0.35 (9)	0.7 (0.3)	E0015**
NF(B) 0025**	¼	25	42	2.76 (70)	0.98 (25)	7.50 (191)	3.00 (76)	0.39 (10)	1.3 (0.6)	E0025**
NF(B) 0030**	½	30	48	2.76 (70)	0.98 (25)	7.50 (191)	3.00 (76)	0.39 (10)	1.3 (0.6)	E0030**
NF(B) 0035**	⅜	35	59	2.76 (70)	0.98 (25)	7.50 (191)	3.00 (76)	0.39 (10)	1.3 (0.6)	E0035**
NF(B) 0050**	½	50	85	2.76 (70)	0.98 (25)	9.11 (232)	3.00 (76)	0.47 (12)	1.5 (0.7)	E0050**
NF(B) 0070**	½	70	119	3.94 (100)	1.34 (34)	10.83 (275)	3.00 (76)	0.59 (15)	3.5 (1.6)	E0090**
NF(B) 0085**	¾	85	144	3.94 (100)	1.34 (34)	10.83 (275)	3.00 (76)	0.59 (15)	3.5 (1.6)	E0090**
NF(B) 0090**	1	90	153	3.94 (100)	1.34 (34)	10.83 (275)	3.00 (76)	0.59 (15)	3.5 (1.6)	E0090**
NF(B) 0125**	¾	125	212	3.94 (100)	1.34 (34)	15.55 (395)	3.00 (76)	0.59 (15)	4.4 (2.0)	E0135**
NF(B) 0135**	1	135	229	3.94 (100)	1.34 (34)	15.55 (395)	3.00 (76)	0.59 (15)	4.4 (2.0)	E0135**
NF(B) 0175**	1	175	297	3.94 (100)	1.34 (34)	15.55 (395)	3.00 (76)	0.59 (15)	4.4 (2.0)	E0175**
NF(B) 0280**	1¼	280	476	4.80 (122)	1.65 (42)	18.07 (459)	3.00 (76)	0.71 (18)	6.2 (2.8)	E0325**
NF(B) 0290**	1½	290	493	4.80 (122)	1.65 (42)	18.07 (459)	3.00 (76)	0.71 (18)	6.2 (2.8)	E0325**
NF(B) 0325**	1½	325	550	4.80 (122)	1.65 (42)	18.07 (459)	3.00 (76)	0.71 (18)	6.2 (2.8)	E0325**
NF(B) 0400**	1½	400	680	5.75 (146)	2.05 (52)	18.94 (481)	3.00 (76)	0.79 (20)	9.2 (4.2)	E0450**
NF(B) 0450**	2	450	765	5.75 (146)	2.05 (52)	18.94 (481)	3.00 (76)	0.91 (23)	9.2 (4.2)	E0450**
NF(B) 0700**	2	700	1190	5.75 (146)	2.05 (52)	30.87 (784)	3.00 (76)	0.91 (23)	13.9 (6.3)	E0700**
NF(B) 0850**	2½	850	1445	8.27 (210)	2.62 (67)	23.35 (593)	3.00 (76)	1.14 (29)	18.7 (8.5)	E1000**
NF(B) 1000**	3	1000	1700	8.27 (210)	2.62 (67)	23.35 (593)	3.00 (76)	1.14 (29)	18.7 (8.5)	E1000**
NF(B) 1250**	3	1250	2125	8.27 (210)	2.62 (67)	32.13 (816)	3.00 (76)	1.14 (29)	23.1 (10.5)	E1250**
NF(B) 1500**	3	1500	2550	8.27 (210)	2.62 (67)	38.31 (973)	3.00 (76)	1.14 (29)	26.4 (12.0)	E1500**
NFD(B) 25	¼	25	42	2.76 (70)	6.42 (163)	6.26 (159)	3.00 (76)	0.39 (10)	2.0 (0.9)	E025-M01/DAC
NFD(B) 35	⅜	35	59	2.76 (70)	6.42 (163)	6.26 (159)	3.00 (76)	0.39 (10)	2.0 (0.9)	E035-M01/DAC
NFD(B) 50	½	50	85	2.76 (70)	8.03 (204)	7.87 (200)	3.00 (76)	0.47 (12)	2.2 (1.0)	E050-M01/DAC
NFD(B) 70	½	70	119	3.94 (100)	9.45 (240)	9.29 (236)	3.00 (76)	0.59 (15)	5.1 (2.3)	E085-M01/DAC
NFD(B) 85	¾	85	144	3.94 (100)	9.45 (240)	9.29 (236)	3.00 (76)	0.59 (15)	5.1 (2.3)	E085-M01/DAC
NFD(B) 125	¾	125	212	3.94 (100)	14.17 (360)	14.02 (356)	3.00 (76)	0.59 (15)	6.8 (3.1)	E135-M01/DAC
NFD(B) 135	1	135	229	3.94 (100)	14.17 (360)	14.02 (356)	3.00 (76)	0.59 (15)	6.8 (3.1)	E135-M01/DAC
NFD(B) 175	1	175	297	3.94 (100)	14.17 (360)	14.02 (356)	3.00 (76)	0.59 (15)	7.0 (3.2)	E175-M01/DAC

*Products supplied with NPT threaded connections as standard. For BSPP connections add prefix 'B' before the model number e.g. NFB 0025. **Grades available M25, M5, M1, M01,AC, RM25, RM5, RM1, RM01, RAC.

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
NF(B) 0008	✓		
NF(B) 0015	✓		
NF(B) 0025 / NFD(B) 25	✓		
NF(B) 0030	✓		
NF(B) 0035 / NFD(B) 35	✓		
NF(B) 0050 / NFD(B) 50	✓		
NF(B) 0070 / NFD(B) 70	✓		
NF(B) 0085 / NFD(B) 85	✓		
NF(B) 0090	✓		
NF(B) 0125 / NFD(B) 125	✓		
NF(B) 0135 / NFD(B) 135	✓		
NF(B) 0175 / NFD(B) 175	✓		
NF(B) 0280	✓		
NF(B) 0290	✓		
NF(B) 0325	✓		
NF(B) 0400		✓	
NF(B) 0450		✓	
NF(B) 0700		✓	
NF(B) 0850		✓	
NF(B) 1000		✓	
NF(B) 1250			✓
NF(B) 1500			✓

Assessment based on Group 2 Gas service

Standards Used: ASME VIII Division 1 - Rules for Construction of Pressure Vessels

CRN Approved - CRNOE15281.5C

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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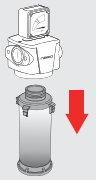
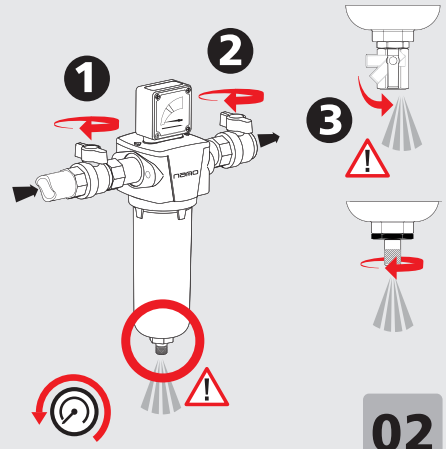


M25, M5, M1, M01 RM25, RM5, RM1, RM01	12M Or
AC, DAC	6M

01

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.

0 PSIG
(0 BARG)



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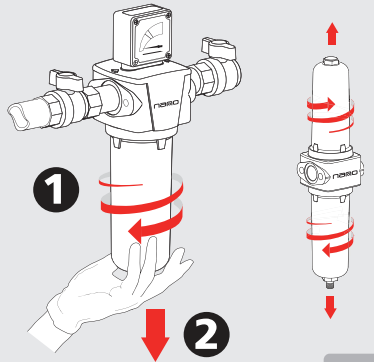

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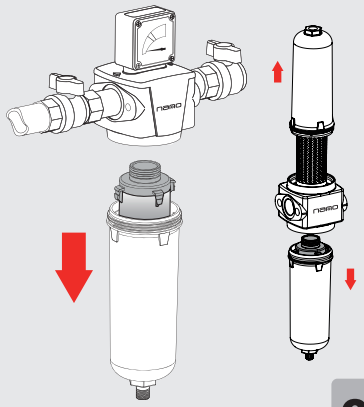

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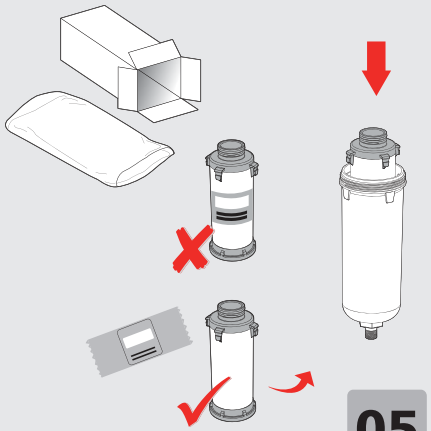

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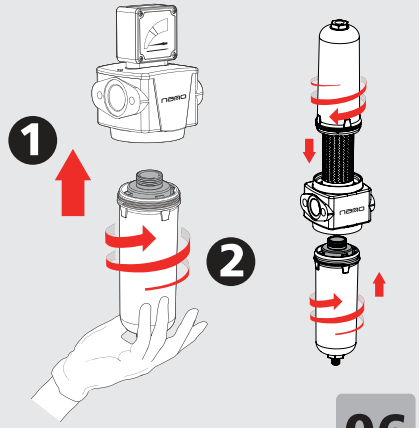

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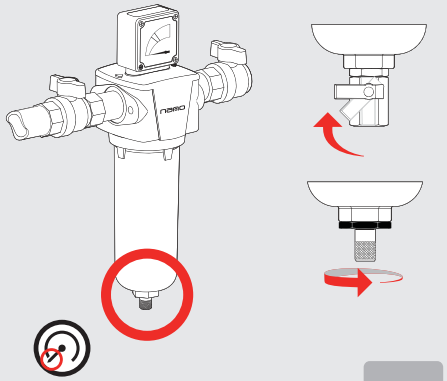

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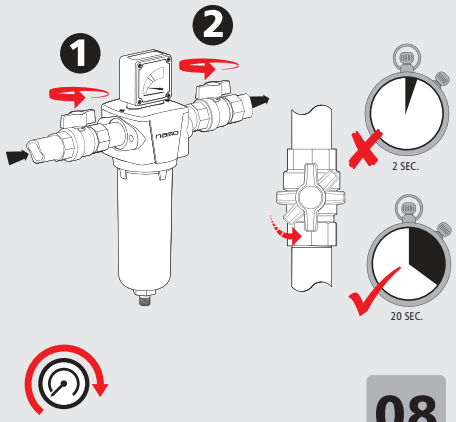

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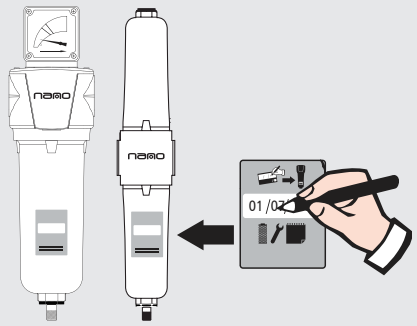

09

Certificate of Conformity

The Manufacturer certifies that the element(s) supplied with this declaration, when tested at rated flow in accordance with the established protocols in the ISO 12500 series of standards, meet the following ISO 8573-1 specifications.

Filter model	Particle quality class ISO 8573:1-2010	Oil quality class ISO 8573:1-2010
Grade AC	Class 1	Class 1
Grade DAC	Class 1	Class 1
Grade M01, RM01	Class 1	Class 1
Grade M1, RM1	Class 2	Class 2
Grade M5, RM5	Class 3	Class 4
Grade M25, RM25	-	-

The table above is for general guidance only. Depending upon application air quality and contamination, a combination of filter grades may be necessary to meet the required quality class. AC filters should be preceded by suitable coalescing filters.
Please contact us for further information.

Manufactured in the UK, in an ISO9001 accredited facility.