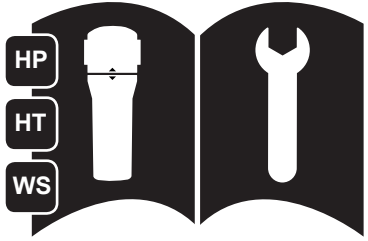


# nano



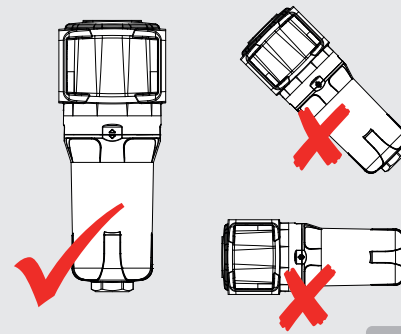
04 1958 001 01 Ra

www.nano-purification.com

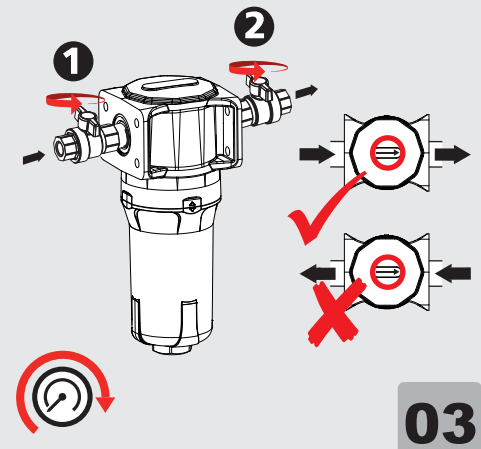


0 BARG  
(0 PSIG)

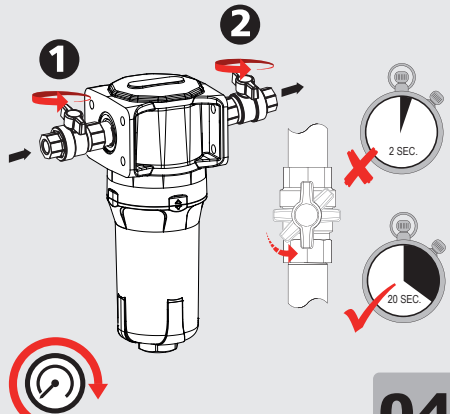
01



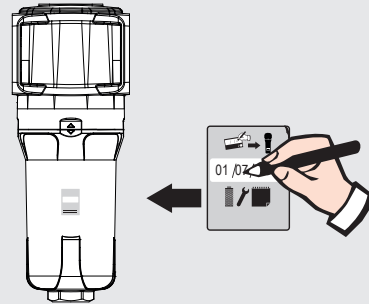
02



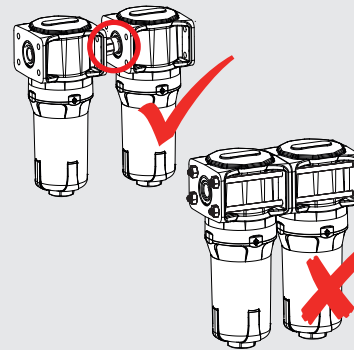
03



04



05



06

	GHTN 0065 - GHTN 1600		G50(*) 0265 - G50(*) 1885						
Operating pressure barg (psig)	4 (58)	5 (72)	6 (87)	7 (100)	8 (115)	9 (130)	10 (145)		
GHTN - 10 barg Correction factor	0.76	0.84	0.92	1	1.07	1.13	1.19		
Operating pressure barg (psig)	4 (58)	6 (87)	8 (116)	10 (145)	15 (220)	20 (290)	30 (435)	40 (580)	50 (725)
G50 - 50 barg Correction factor	0.14	0.22	0.28	0.34	0.47	0.56	0.7	0.85	1.00

Filter model	Pipe size inches	Inlet flow rate		Dimensions mm (inches)				Weight		Spare part kit
		Nm /hr	SCFM	A	B	C	D	kg	lbs	
GHTN 0065 M1	½	110	65	110 (4.33)	47 (1.85)	280 (11.02)	80 (3.15)	3.5	7.7	GEHT0065M1
GHTN 0075 M1	¾	127	75	110 (4.33)	47 (1.85)	280 (11.02)	80 (3.15)	3.5	7.7	GEHT0075M1
GHTN 0150 M1	1	255	150	110 (4.33)	47 (1.85)	365 (14.37)	80 (3.15)	4.2	9.3	GEHT0150M1
GHTN 0300 M1	1½	510	300	146 (5.75)	59 (2.32)	498 (19.61)	100 (3.94)	9.2	20.3	GEHT0300M1
GHTN 0450 M1	2	765	450	146 (5.75)	59 (2.32)	498 (19.61)	100 (3.94)	9.2	20.3	GEHT0450M1
GHTN 0650 M1	2	1105	650	146 (5.75)	59 (2.32)	700 (27.56)	100 (3.94)	11.7	25.8	GEHT0650M1
GHTN 1000 M1	3	1700	1000	230 (9.06)	92 (3.62)	741 (29.17)	120 (4.74)	21.0	46.3	GEHT1000M1
GHTN 1250 M1	3	2125	1250	230 (9.06)	92 (3.62)	861 (33.90)	120 (4.74)	22.6	49.8	GEHT1250M1
GHTN 1600 M1	3	2720	1600	230 (9.06)	92 (3.62)	1009 (39.72)	120 (4.74)	24.2	53.4	GEHT1600M1

Filter model	Pipe size inches	Inlet flow rate		Dimensions mm (inches)				Weight		Spare part kit			
		Nm /hr	SCFM	A	B	C	D	kg	lbs	M1/RM1	M01/RM01	AC	WS
G50(*) 0265 (**)	½	450	265	110 (4.33)	47 (1.85)	280 (11.02)	80 (3.15)	3.4	7.5	GE50HP0265M1	GE50HP0265M01	GE50HP0265AC	2901 0206 39
G50(*) 0325 (**)	¾	550	324	110 (4.33)	47 (1.85)	280 (11.02)	80 (3.15)	3.4	7.5	GE50HP0325M1	GE50HP0265M01	GE50HP0265AC	2901 0206 39
G50(*) 0490 (**)	1	835	492	110 (4.33)	47 (1.85)	365 (14.37)	80 (3.15)	4.1	9.0	GE50HP0490M1	GE50HP0265M01	GE50HP0265AC	2901 0206 39
G50(*) 0735 (**)	1½	1250	736	146 (5.75)	59 (2.32)	498 (19.61)	100 (3.94)	8.9	19.6	GE50HP0735M1	GE50HP0265M01	GE50HP0265AC	N/A
G50(*) 1015 (**)	1½	1725	1015	146 (5.75)	59 (2.32)	498 (19.61)	100 (3.94)	9.1	20.1	GE50HP1015M1	GE50HP0265M01	GE50HP0265AC	2901 0206 40
G50(*) 1135 (**)	2	1925	1132	146 (5.75)	59 (2.32)	498 (19.61)	100 (3.94)	9.1	20.1	GE50HP1135M1	GE50HP0265M01	GE50HP0265AC	2901 0206 40
G50(*) 1885 (**)	2	3200	1882	146 (5.75)	59 (2.32)	700 (27.56)	100 (3.94)	11.4	25.1	GE50HP1885M1	GE50HP0265M01	GE50HP0265AC	2901 0206 40

\*Thread form - B for BSPP, N for NPT \*\*Filter element grade - Please note: add suffix 'WS' for Water Separator models

EC & UKCA Declaration of Conformity (2014/68/EU & UK S.I. 2016 No. 1105)  
Product Description: Aluminium Filter Housings

Filter model	PED Category/Conformity Assessment Route	
	SEP	Cat I/Module A
GHTN 0065 M1	✓	✓
GHTN 0075 M1	✓	✓
GHTN 0150 M1	✓	✓
GHTN 0300 M1	✓	✓
GHTN 0450 M1	✓	✓
GHTN 0650 M1	✓	✓
GHTN 1000 M1	✓	✓
GHTN 1250 M1	✓	✓
GHTN 1600 M1	✓	✓

Filter model	PED Category/Conformity Assessment Route	
	SEP	Cat I/Module A
G50(*) 0265 (**)	✓	✓
G50(*) 0325 (**)	✓	✓
G50(*) 0490 (**)	✓	✓
G50(*) 0735 (**)	✓	✓
G50(*) 1015 (**)	✓	✓
G50(*) 1135 (**)	✓	✓
G50(*) 1885 (**)	✓	✓

Assessment based on Group 2 Gas service  
Standards Used: ASME VIII Division 1 - Rules for Construction of Pressure Vessels

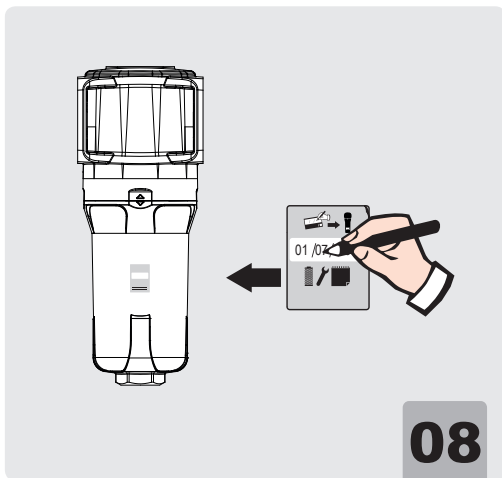
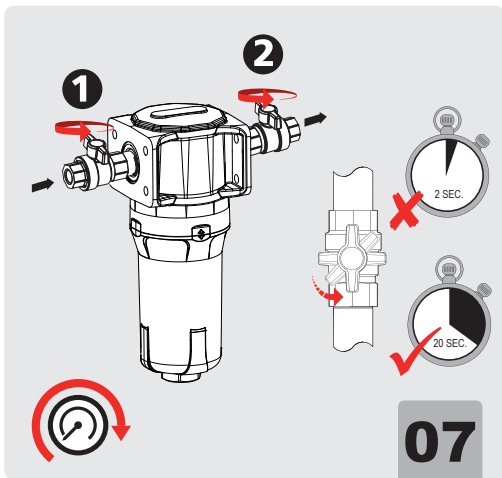
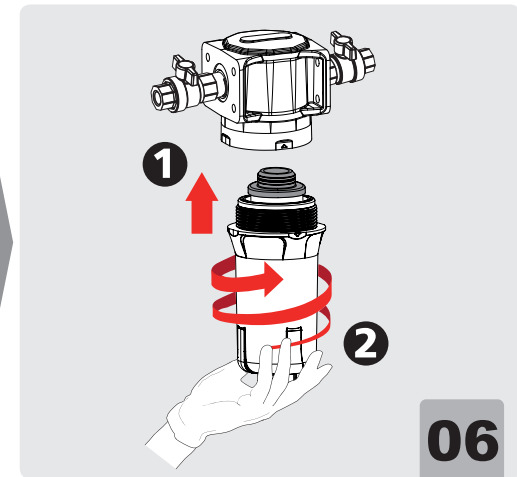
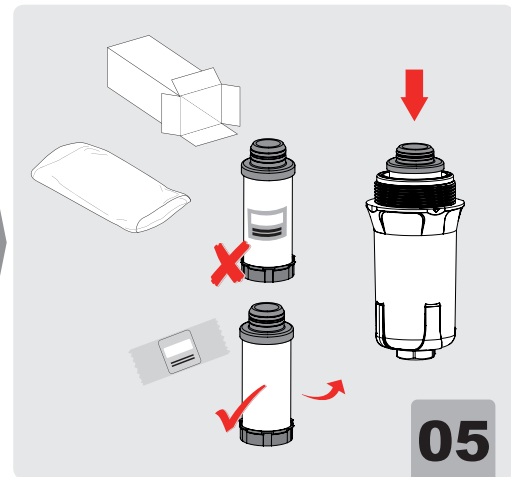
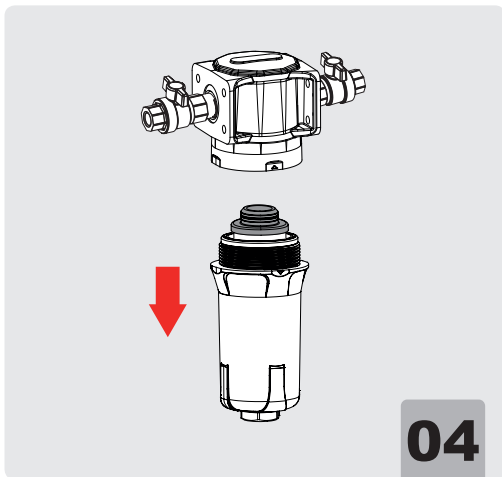
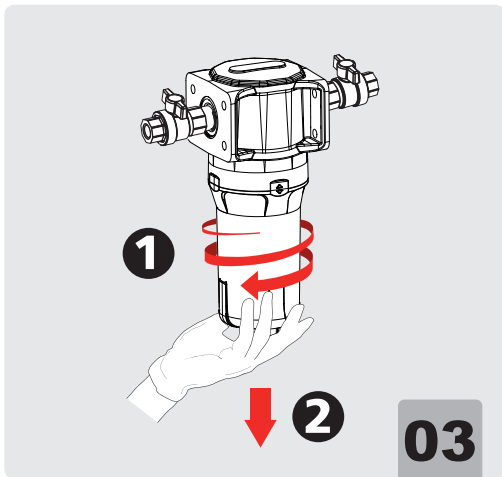
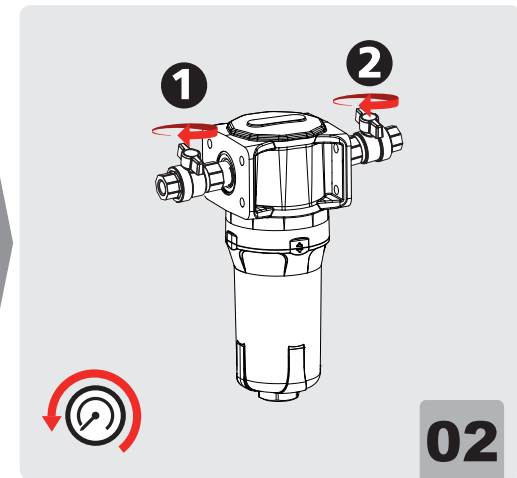
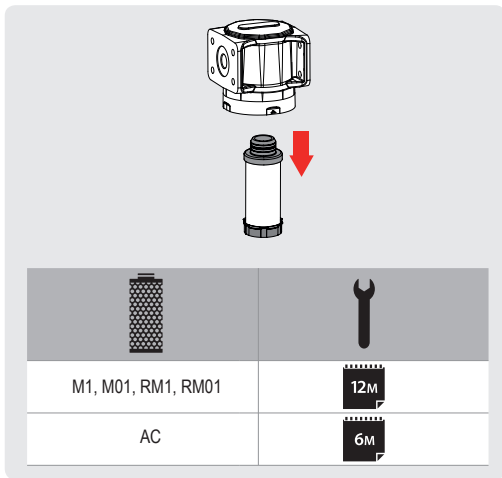
**EN** Installation, maintenance and authorised disposal to be carried out by competent personnel only, in accordance with operating instructions, relevant standards, regulations and legal requirements. **DE** Installation, Wartung und Vernichtung dürfen nur von autorisiertem Fachpersonal und in Übereinstimmung 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. **IT** Installare, onderhouden en afvoeren 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. **PT** 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. **PL** A instalacja, 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. **CZ** Instalaci, údržbu a borkařské úkony musí provádět pouze kompetentní a autorizovaní pracovníci. **DA** Installation, vedligeholdelse og bortskaffelse må kun udføres af kompetent og autoriseret personale i henhold til betjeningsvejledningen, relevante standarder, regelværk og lovmæssige krav. **SK** Instalácia, udržiavanie a likvidácia musí byť vykonaná iba kvalifikovaným a povoleným personálom. **NO** 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 pätevät ja valtuutetut henkilöt. Näiden toimenpiteiden aikana on noudatettava käyttöohjeita sekä asiaan liittyviä standardeja, määräyksiä ja lakeja. **SE** Uppsettning, vårdnad och förgrun å ingångna að vera í höndum starfsfólks sem er haft og viðurkennt á sínu sviði og að framkvæma í samræmi við notaðan/einbeiniga, viðeigandi staðla, reglugerðir og lög. **PL** Instalacja, konserwacja oraz utylizacja mogą wykonywać wyłącznie wykwalifikowany i uprawniony personel zgodnie z instrukcją użycia, właściwymi standardami, przepisami i wymogami prawnymi. **HU** A telepítést, a karbantartást és az ártalmatlantást kizárólag szakképzéssel, erre engedélyvel rendelkező személyzet végezheti az üzemeltetés utasításokkal, a vonatkozó szabványokkal, szabályokkal és törvényi előírásokkal összhangban. **RO** Instalarea, întreținerea și debarasarea vor fi efectuate numai de personal competent și autorizat, în conformitate cu instrucțiunile de utilizare, standardele relevante, regulamentele și cerințele legale. **CZ** Instalaci, údržbu a likvidaci smejí provádět pouze kompetentní a autorizovaní pracovníci, v souladu s návodem k použití, příslušnými standardy, pravidly a právními požadavky. **PT** A instalação, manutenção e destruição só podem ser efetuados por indivíduos competentes e autorizados de acordo com as instruções operacionais, padrões, regulamentos e exigências jurídicas. **JP** 設置、メンテナンス、および、廃棄については、作業規程を基準、規則、法規に則り、有資格者が行うようしてください。

# nano



04 1958 001 01 Ra

www.nano-purification.com



### 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 XA (M01)	Class 1	Class 1
Grade X1 (M1)	Class 2	Class 3

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.

### EC & UKCA Declaration of Conformity (2014/68/EU & UK S.I. 2016 No. 1105)

This declaration of conformity is issued under the sole responsibility of the manufacturer. I declare on behalf of C ARIA C. (the manufacturer) and as authorised representative, that the stated products fulfil the requirements of the new approach directives.

Name: Ruggero Vencato  
Position: Managing Director  
Signed: *[Signature]*

Date: January 2024

On behalf of C. ARIA C. S.R.L. Via Selva Maiolo, 5/7 36075, Montecchio Maggiore, Vicenza, Italy

Notified body (Not applicable to SEP or Cat I Products)  
LRQA Nederland B.V.  
George Hintzenweg 77, 3068 AX Rotterdam, The Netherlands - Notified Body No 0343

LRQA verification Ltd  
1 Trinity park, Bickenhall lane, Birmingham, B37 7ES, UK  
Conformity Assessment Body No. 0038

Quality Assurance System: ISO9001 - 90732-2010-AQ-SWE-SWEDAC  
LRQA Ltd  
1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom