

ASCO
numatics™

INSTALLATION AND MAINTENANCE INSTRUCTIONS	EN
INSTRUCTIONS D'INSTALLATION ET DE MAINTENANCE	FR
INBETRIEBNAHME - UND WARTUNGSANLEITUNG	DE
INSTRUCCIONES DE PUESTA EN MARCHA Y MANTENIMIENTO	ES
INSTRUZIONI DI MESSA IN SERVIZIO E MANUTENZIONE	IT
ALGEMENE INSTALLATIE- EN ONDERHOUDSINSTRUCTIES	NL
INSTALLASJONS- OG VEDLIKEHOLDSINSTRUKSØRER	NO
INSTALLATIONS- OCH UNDERHÄLLSINSTRUKTIONER	SE
ASENNUS - JA HUOLTO-OHJEET	FI
INSTALLATIONS - OG VEDLIGEHOLDSANVISNINGER	DK
INSTRUÇÕES DE INSTALAÇÃO E MANUTENÇÃO	PT
ΟΔΗΓΙΕΣ ΤΟΠΟΘΕΤΗΣΗΣ ΚΑΙ ΣΥΝΤΗΡΗΣΗΣ	GR
POKYNY PRO INSTALACI A ÚDRŽBU	CZ
INSTRUKCJA MONTAŻU I KONSERWACJI	PL
TELEPÍTÉSI ÉS KARBANTARTÁSI ÚTMUTATÓ	HU
ИНСТРУКЦИЯ ПО УСТАНОВКЕ И ОБСЛУЖИВАНИЮ	RU
ОРНАТУ ЖӘНЕ ҚЫЗМЕТ КӨРСЕТУ НҰСҚАУЛАР	KZ

651
1/8-1/4



35



27..31



18..26



652
1/4-3/8-1/2



3.5



653
1/2-3/4-1



32..34



36

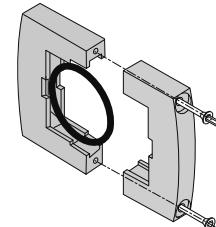


ASCO
numatics™
651 - 652 - 653

FRL ASSEMBLY
651 - 652 - 653



ASSEMBLING UNITS

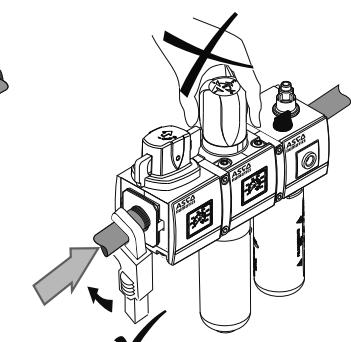
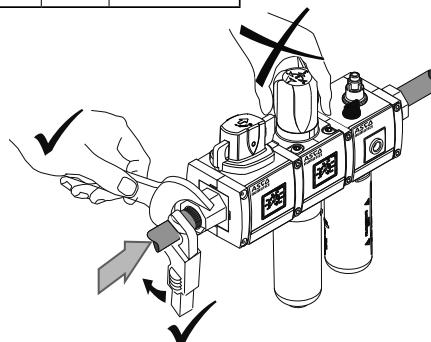


items	N.m	Inch.pounds
A	651 ▶ 1,13±0,2	10+2
	652 ▶ 1,9±0,2	17±2
	653 ▶ 2,9±0,2	25±2



NBR	651 ▶	P651AT504958001
	652 ▶	P652AT502466001
	653 ▶	P653AT507291001
FPM/FKM	651 ▶	P651AT504958003
	652 ▶	P652AT502466003
	653 ▶	P653AT507291003

MOUNTING

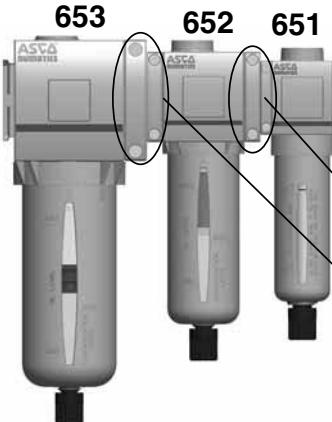


FRL ASSEMBLY
651 - 652 - 653

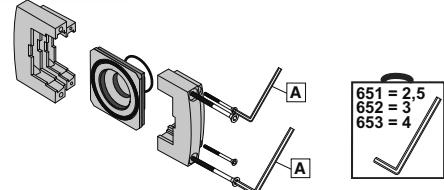


ASSEMBLING UNITS

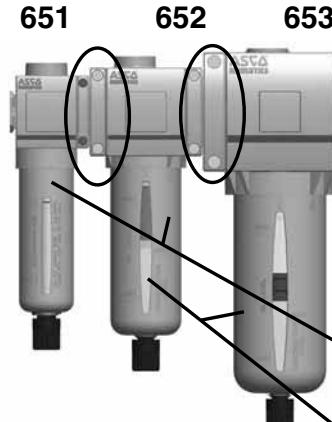
TRANSITION PLATE
653 ▲ 652 ▲ 651



NBR	652 ▶ 651	T652AT519193003
FPM/FKM	652 ▶ 651	T652AT519193004
NBR	653 ▶ 652	T653AT519194003
FPM/FKM	653 ▶ 652	T653AT519194004



TRANSITION PLATE
651 ▲ 652 ▲ 653



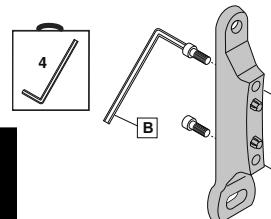
items		N.m	Inch.pounds
A	651 ▶	1,13±0,2	10±2
	652 ▶	1,9±0,2	17±2
	653 ▶	2,9±0,2	25±2

NBR	651 ▶ 652	T651AT519193001
FPM/FKM	651 ▶ 652	T651AT519193002
NBR	652 ▶ 653	T652AT519194001
FPM/FKM	652 ▶ 653	T652AT519194002

FRL ASSEMBLY
651 - 652 - 653



Mounting

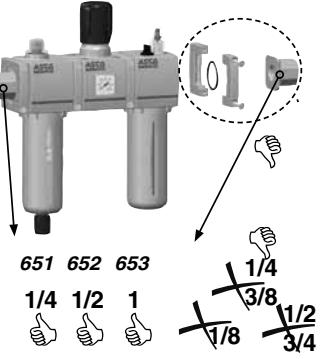
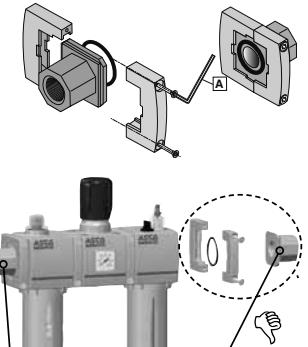


items		N.m	Inch.pounds
B	651 ▶	4,2±0,2	37±2
	652 ▶		
	653 ▶		

P699AT502467001

651 ▶	P651AT503860001	
652 ▶	P652AT503860002	
653 ▶	P653AT503860003	

NBR	1/4 NPTF	T651AT504959001
	1/4 ISO 228/1-G	T651AT504959002
	1/4 ISO 7/1 Rc	T651AT504959003
	1/2 NPTF	T652AT502468001
652 ▶	1/2 ISO 228/1-G	T652AT502468002
	1/2 ISO 7/1 Rc	T652AT502468003
	1 NPTF	T653AT507292001
653 ▶	1 ISO 228/1-G	T653AT507292002
	1 ISO 7/1 Rc	T653AT507292003
	1/4 NPTF	T651AT504959007
651 ▶	1/4 ISO 228/1-G	T651AT504959008
	1/4 ISO 7/1 Rc	T651AT504959009
	1/2 NPTF	T652AT502468007
652 ▶	1/2 ISO 228/1-G	T652AT502468008
	1/2 ISO 7/1 Rc	T652AT502468009
	1 NPTF	T653AT507292007
653 ▶	1 ISO 228/1-G	T653AT507292008
	1 ISO 7/1 Rc	T653AT507292009



651 652 653
1/4 1/2 1
1/8 3/8 1/2
1/2 3/4



651 - 652 - 653

FRL ASSEMBLY 651 - 652 - 653

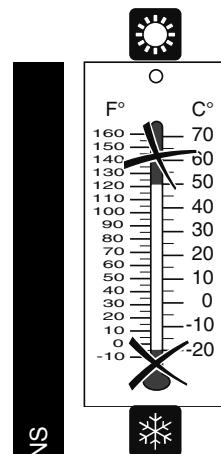
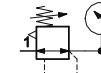


- Assembly:** All parts on the device that may come in contact with pressurized fluids must be connected to a conduit or an associated component (example: exhaust silencer, etc.). Stamped brackets and nuts are not to be used to support product during installation of pipe or fittings.
- EN Use:** Personnel working with the components must be familiar with electrical controls, such as redundancies and feedback (electronic controls), where applicable.
- Environment:** In order to prevent noise nuisance due to system purging by certain components (especially with compressed air), it is recommended to use noise reduction systems.
- Montage:** Tous les orifices de l'appareil pouvant être en contact avec le fluide sous pression doivent être raccordés à une canalisation ou à un composant associé (exemple : silencieux d'échappement, etc.). L'installation des supports et fixations ne doivent se faire qu'une fois les tuyauteries installées.
- Utilisation:** Le personnel intervenant sur certains de ces composants doit être familiarisé avec la commande électrique, par ex. redondances et le cas échéant le retour d'information (commandes électroniques).
- Environnement:** Afin d'éviter les nuisances sonores dues à la purge de capacité (notamment en air comprimé) par certains composants, il est préconisé d'utiliser des systèmes de réduction de bruit.
- Montage:** Alle Anschlüsse der Komponenten, die mit dem unter Druck stehenden Medium in Berührung kommen, sind mit der dazugehörigen Verrohrung oder einem dazugehörigen Gerät verbinden (z.B. Schalldämpfer usw.). Gestanzte Befestigungen mit Schraubenmuttern eignen sich nicht für die Halterung des Produkts bei der Installation des Rohrs oder der Fassungen.
- DE Einsatz:** Das mit Arbeiten an den Komponenten betraute Personal muss mit elektrischer Steuerungstechnik wie Redundanzen und, gegebenenfalls, Rückkopplungen (elektronische Steuerungen) vertraut sein.
- Umweltschutz:** Um die von manchen Komponenten durch die Entlüftung verursachte Geräuschenwicklung (insbesondere bei Druckluft) zu vermeiden, wird eine Schalldämpfung empfohlen.
- Montaje:** Todos los orificios del aparato susceptibles de entrar en contacto con el fluido presurizado deben estar conectados a un conducto o a un componente asociado (ejemplo: silenciosos de escape, etc.). Los soportes y la tuerca marcados no deben utilizarse para apoyar el producto durante la instalación de las tuberías o los acoplamientos.
- Utilización:** El personal que maneja los componentes debe tener conocimientos sobre controles eléctricos, como las redundancias y, si se diera el caso, sobre el retorno de información (controles electrónicos).
- Medio ambiente:** Para evitar las molestias del ruido de las purgas de capacidad (especialmente con aire comprimido) causadas por determinados componentes, se recomienda utilizar sistemas de reducción del ruido.
- Montaggio:** È necessario che tutte le connessioni del dispositivo che entrano in contatto col fluido pressurizzato siano collegati a un condotto o a un componente associato (esempio: filtro-silenziatore, etc.). Le squadre ed i dadi forgati non devono essere utilizzati per il supporto del prodotto durante l'installazione del tubo o dei raccordi.
- Utilizzo:** È necessario che il personale che utilizza i componenti conosci sia nei controlli elettronici, come le ridondanze e il principio del feedback (controlli elettronici).
- Ambiente:** Per evitare disturbi sonori dovuti allo scarico di determinati componenti (soprattutto con l'aria compressa), si consiglia di utilizzare sistemi di riduzione della rumorosità.
- Assemblage:** Alle poorten op het apparaat die in contact kunnen komen met onder druk staande media moeten worden aangesloten op een leiding of een daarbij behorend onderdeel (bijvoorbeeld een afsluiter/demper o.i.d.). Voor ondersteuning van het product dienen de installatie van leidingen of fittingen mogen geen voorgestane beugels of moeren worden gebruikt.
- NL Gebruik:** De personen die met deze componenten werken, moeten op de hoogte zijn van de geldende eisen ten aanzien van elektronische (elektronische) regelapparatuur zoals redundantie systemen of regelingen met terugkoppeling, en van hun toepassing.
- Omgeving:** Teneerde geluidsoverlast als gevolg van capaciteitsreiniging (met name met behulp van perslucht) door bepaalde onderdelen te voorkomen, raden wij u aan gebruik te maken van geluidverminderingssystemen.
- Montering:** Alla portene på enheten som kan komma i kontakt med tryckvatten, måste tillkobla till en ledning eller en tillbehörskomponent för exempel en avgasslämper e.l.). Stempelade bracketer och bolter skall ikke brukes til å støtte produktet under installasjon av rør eller festar.
- NO Bruk:** Personelle som arbeider med komponentene, må være fortrolig med de elektroniske styringen, for eksempel redundans og feedback der dette er aktuelt (elektroniske styringsverktøy).
- Omgivelser:** For å unngå støy som oppstår når innholdet i enkelte komponenter kommer ut (spesielt når det gjelder trykkluft), anbefales bruk av støyredusjonssystemer.
- Montering:** Alla öppningar på apparaten som kan komma i kontakt med tryckflöden ska vara anslutna till en ledning eller tillbehörskomponent (till exempel: avgasdamper etc.). För understödning av produkten under montering av rör eller kopplingar.
- SE Användning:** Den personal som utför arbetet på vissa komponenterna ska vara förtrogen med den elektroniska styrningen, till exempel redundans och i förekommande fall informationssystem (elektronisk styrning).
- Miljö:** För att undvika oljud som uppstår när vissa komponenter tömmer innehållet (i synnerhet med tryckluft), ska man använda ljuddämpande system.
- Kokoaminen:** Kaikkiin laitteeseen oleivin aukioihin, joita voi valtaa joutua kosketuksiin painealaisten nesteen kanssa, on liitetettävä pultti tai jokin komponentti (esimerkki: läänenvainemanni, jne.). Punstekinnikkeellä ja uraa ei saa käyttää tuoteen tukemiseen pulven tai liittimen asemuksien aikana.
- FI Käytössä:** Komponenteja käsittelyvien henkilöiden täytyy tuntea soveltuvin osa elektroniset säädöt, kuten redundanssi ja takaisinkirjonta (elektroniset säädöt).
- Ympäristö:** Jotta välttäisiin joidenkkin komponenttien aiheuttamat meluhaitat (erityisesti paineilmavalot), on suositeltavaa käyttää läänenvainemusjärjestelmää.
- Samling:** Alle de porte på enheden, som kan komme i kontakt med væsker under tryk, skal være forbundet med andre rør eller en tilslutet komponent, f.eks. en lyddæmper. De udstansede konsoller og fastgørelsesringen må ikke bruges som understøttelse af produktet under montering af rør eller festar.
- DK Brug:** De personer, som arbejder med komponenterne, skal have erfaring med elektronisk arbejde, f.eks. statisk elektricitet og tilbagekoppling (elektroniske kontrolsystemer).
- Omgivelser:** For at undgå lydgener, når nogle komponenter arbejder på højtryk (sær med komprimert luft), anbefales det at installere systemer til støjredktion.
- Montagen:** Todas as portas do dispositivo que possam entrar em contato com o fluido sob pressão têm de ser ligadas a uma tubagem ou a um componente associado (por exemplo: silenciador de escape, etc.). Não deve utilizar a porca e os supores estampados para suportar o produto durante a instalação do tubo ou dos encaixes.
- Utilização:** O pessoal que trabalha com os componentes tem de estar familiarizado com controles electrónicos, tais como redundâncias e feedback, se for o caso (controles electrónicos).
- Ambiente:** Para evitar a poluição sonora, devida à purga de capacidade (especialmente com ar comprimido), por determinados componentes, é aconselhável utilizar sistemas de redução de ruído.
- Συγχρόνως:** Όλες οι ρύπες που σημειώνονται υπό τηρία με το γύρο που πρέπει να είναι συνδεσμένες σε ένα σωλήνα ή σε κάποιο άλλο εξόπλιτο (παραδείγμα: συστήματα εξόπλιτης κτην.) Τα παραπάνω σε πράσινη πάταρα δεν προβάλλονται μεταφράστη του προϊόντος κατόπιν γνωμοδότησης ιατρών/ηπειρών.
- GR Χρήση:** Το προϊόντο που αφοράται με τα εξόπλιτα πρέπει να γιγαντεύει τη λειτουργία των ηλεκτρονικών συστημάτων ελεύχου, όπως τις εφερείες και την ανατροφοδότηση, εφόσον χρειάζεται (ηλεκτρικές λειτουργίες).
- Περιβάλλον:** Για να αποφεύγεται ο ενοχλητικός δρόμοι που προκαλούνται λόγου του καθαρισμού του πινκτού (ειδικά με πετρεμένο αέρα) από ορισμένα εξόπλιτα, σας συνιστάμε να χρησιμοποιήσετε συστήματα μείωσης του δρόμου.
- Montaż:** Wszystkie złącza urządzenia, które mogą wejść w kontakt z ciekami pod ciśnieniem, muszą być podłączone do przewodów lub innego komponentu (przykład: tłumiki, filtry, itp.). Lisoniące drążki a mafice se nesou používat na podporu produktu pri instalaci potrubí nebo armatury.
- CZ Pracovní prostředí:** Osoby pracující s těmito součástmi musejí znát elektrické ovládání pravky, jako jsou redundance a zpětné vazby (elektronické ovládání).
- PL Montaż:** Wszystkie złącza urządzenia, które mogą wejść w kontakt z ciekami pod ciśnieniem, muszą być podłączone do przewodów lub innego komponentu (przykład: tłumiki, filtry, itp.). Lisoniące drążki a mafice se nesou používat na podporu produktu pri instalaci potrubí nebo armatury.
- Użytkowanie:** personel pracujący z komponentami musi być obeznany z mechanizmami sterowania elektrycznego, takimi jak redundancja i sprzężenie zwrotne (sterowanie elektroniczne), o ile ma to zastosowanie.
- Otoczenie:** w celu zapobiegania uszadzaniu halasow, szczególnie w systemach uwalniających sprężone powietrze, zaleca się stosowanie systemów redukcji hałasu.
- Összeszerelés:** A készülék minden olyan csatlakozóját, amely nyomás alatt lévő folyadékkal érintkezik, megfelelő védőcsőhöz vagy alkatrészhez kell rögzíteni (például kipufogódból stb.). A lepecsételő keretek és másik nem használhatók a termék támogatására a cső vagy a szervelvények telepítése során.
- HU Használat:** Az alkatréssel dolgozó személyek tisztaban kell lennie az elektronikus vezérlések, redundanciák és gerjesztések (elektronikus vezérlések) fogalmával.
- Környezet:** A berendezések egyes részegységei (kulonosan a sűrített levegővel működő egységek) által kellett zajszennyezés csökkenést érdekében javasolt a zajszökkentés berendezések használata.
- RU Сборка:** Все порты устройства, которые могут вступать в контакт с давлением жидкости, должны быть соединены с трубопроводом или соответствующим компонентом (например, фильтрами и т.д.). Необходимо избегать поддержки продукта во время установки труб и арматуры.
- Использование:** Для работы с этими компонентами должны быть знакомы с электронным управлением, например, усилителями и системами связи (электронные системы управления), где это применимо.
- Окружающая среда:** В целях предотвращения шума непрерывности из-за системы продукты некоторых компонентами (особенно с помощью скатого воздуха), рекомендуется использовать системы сокращения шума.
- KJN:** Күрүштөрдөгө кысымдаудан сыйындылар тәрбие байланысында түсүнүү мүмкүн болып тортурады. Күрүштөрдөгө кысымдаудан сыйындылар тәрбие байланысында түсүнүү мүмкүн болып тортурады.
- Лайдапану:** Аудиомастармен хамын астап тиң кызыметтерде резервер және көр реакция (электрондық базасы) сыйынтың (қондырылған) аудиотек.
- Коршаган орта:** Жынын белгілі бар курамастармен (есепсе сыйынган ауамен) урлап тазалай кезінде шудың асерінен коруга үшін шуды азайтуды жүнделерін панаңданған жөнде.



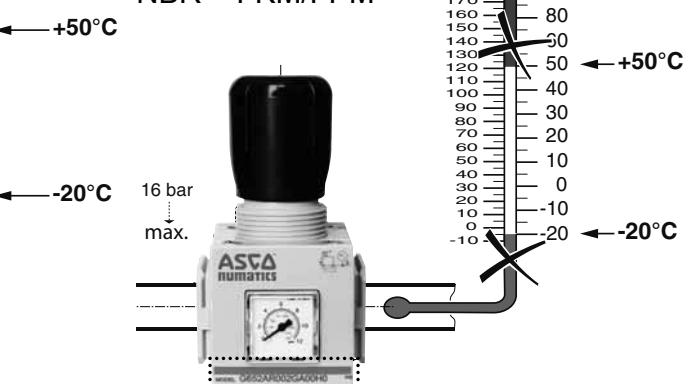
651 - 652 - 653

REGULATOR 651 - 652 - 653 - 653 High Pressure



OPERATING CONDITIONS

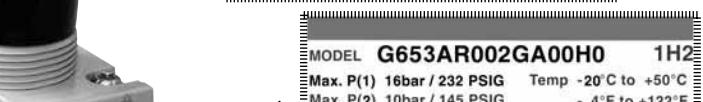
NBR + FKM/FPM



MODEL G651AR002GA00H0 1H2

Max. P(1) 16bar / 232 PSIG Temp -20°C to +50°C
Max. P(2) 10bar / 145 PSIG -4°F to +122°F

MODEL G652AR002GA00H0 1H2

Max. P(1) 16bar / 232 PSIG Temp -20°C to +50°C
Max. P(2) 10bar / 145 PSIG -4°F to +122°F

MODEL G653AR002GA00H0 1H2

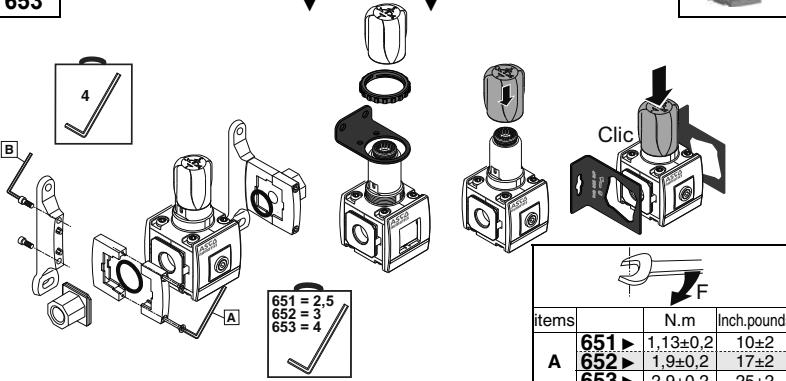
Max. P(1) 16bar / 232 PSIG Temp -20°C to +50°C
Max. P(2) 10bar / 145 PSIG -4°F to +122°F

OPTIONS: +80°C / -40°C /

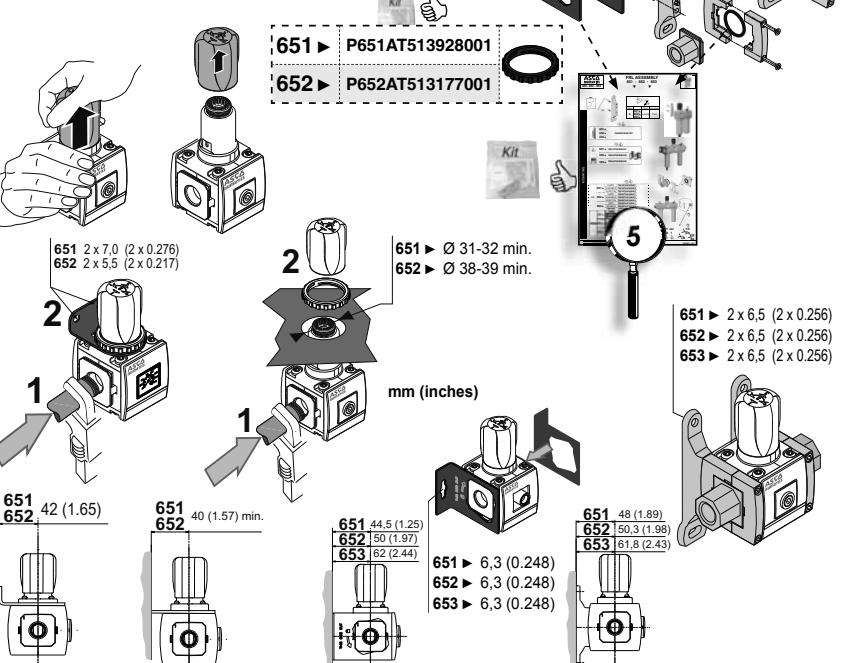


ASCO
numatics
651-652-653

REGULATOR 651 - 652 - 653 - 653 High Pressure

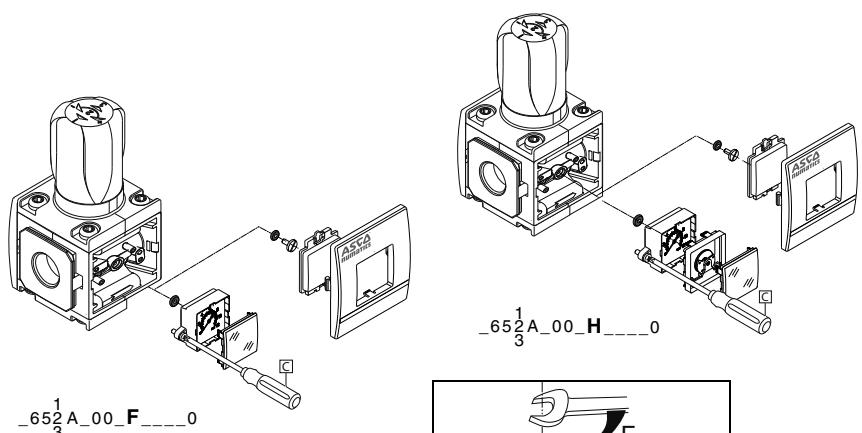


651 ▶ P651AT503861001
652 ▶ P652AT503861002



ASCO
numatics
651-652-653

REGULATOR 651 - 652 - 653



652 A_00_F_000

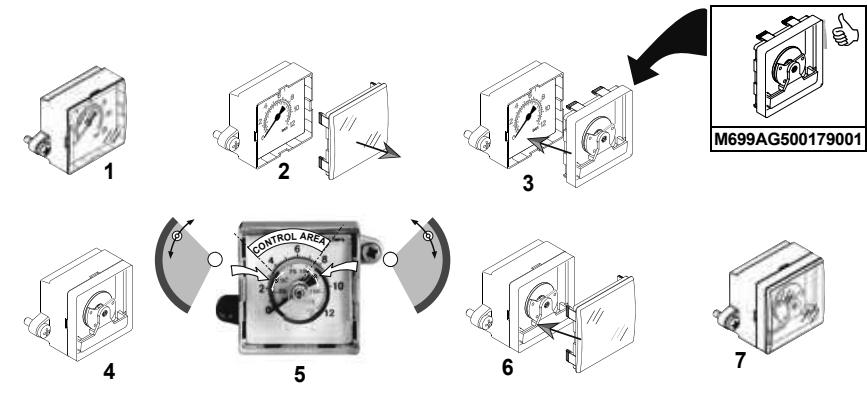
652 A_00_H_000

652 A_00_F_000

652 A_00_H_000

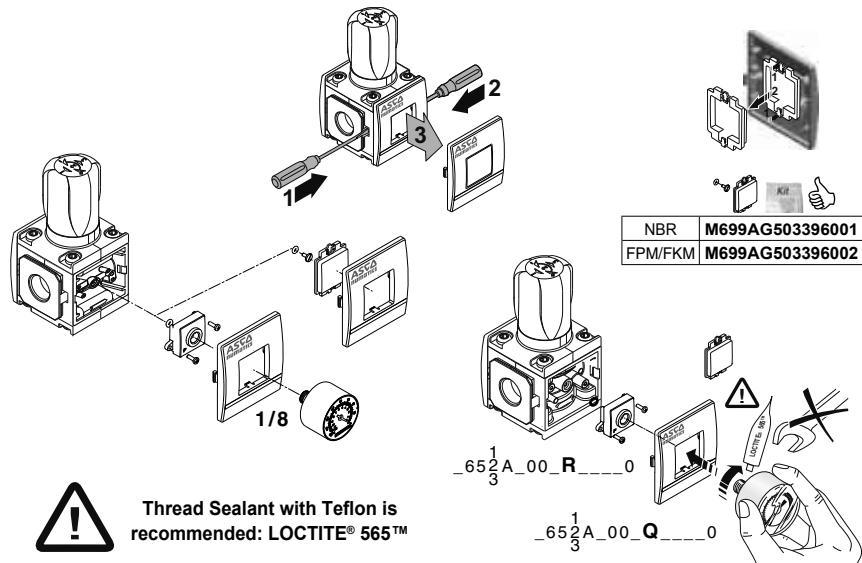
GAUGES

		NBR	FPM
0-8 bar (0-125PSIG)	0-10 bar (0-145PSIG)	0-12 bar 0-175 PSIG	M699AG438047001 M699AG438047013
0-3 bar (0-45PSIG)	0-4 bar (0-60 PSIG)	0-6 bar 0-90 PSIG	M699AG438047002 M699AG438047014
0-8 bar (0-125PSIG)	0-10 bar (0-145PSIG)	0-12 bar 0-175 PSIG	M699AG438047005 M699AG438047017
0-3 bar (0-45PSIG)	0-4 bar (0-60 PSIG)	0-6 bar 0-90 PSIG	M699AG438047007 M699AG438047019
0-8 bar (0-125PSIG)	0-10 bar (0-145PSIG)	0-12 bar 0-175 PSIG	M699AG438047010 M699AG438047022
0-3 bar (0-45PSIG)	0-4 bar (0-60 PSIG)	0-6 bar 0-90 PSIG	M699AG438047008 M699AG438047020
			M699AG438047011 M699AG438047023

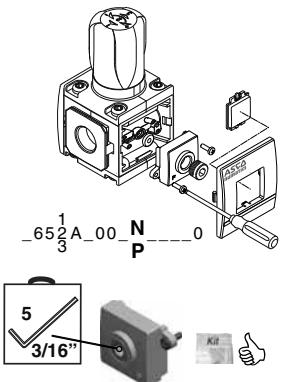




REGULATOR 651 - 652 - 653 - 653 High Pressure



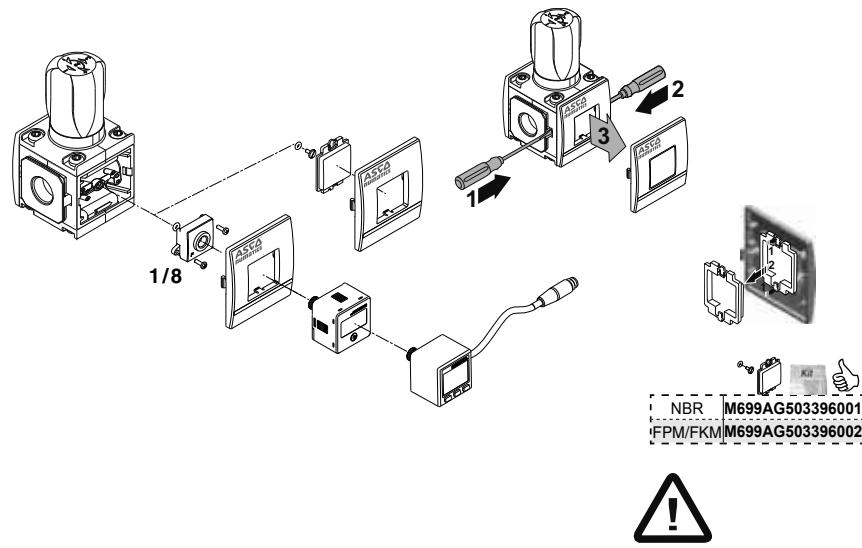
GAUGES



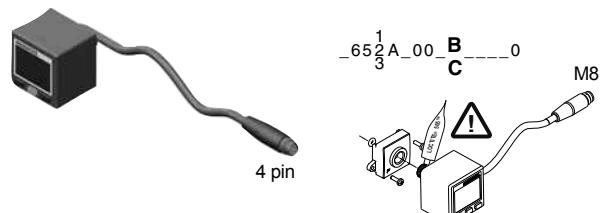
Rc 1/8	FKM NBR	M699AG440510002
	FPM	M699AG440510004
US ▶	NBR FPM	M699AG440510001
NPTF 1/8		M699AG440510003



REGULATOR 651 - 652 - 653



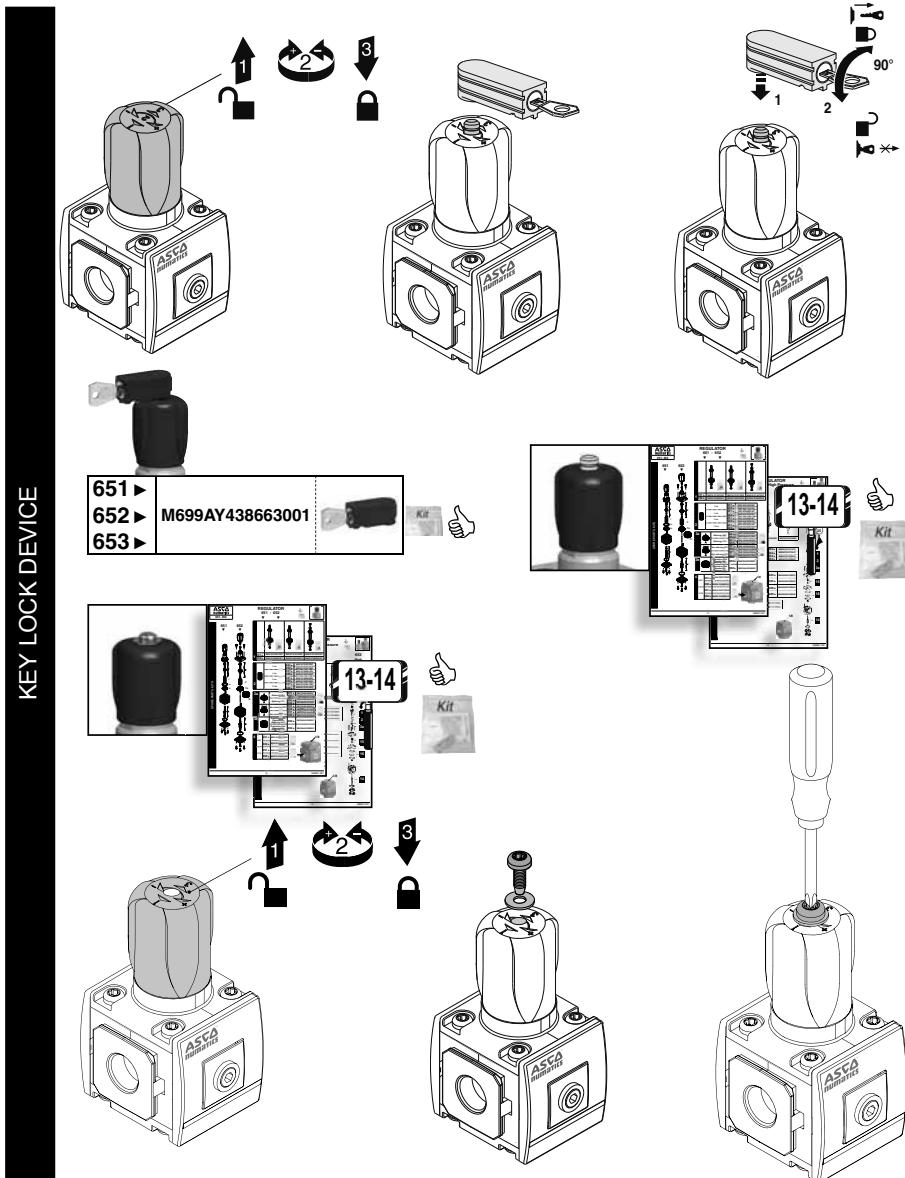
GAUGES



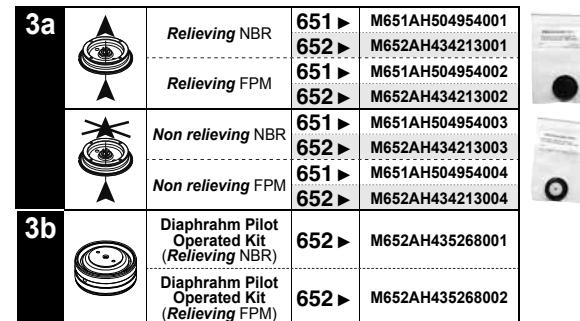
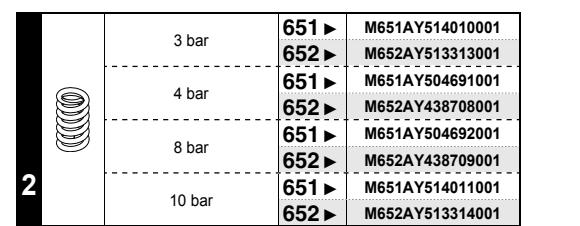
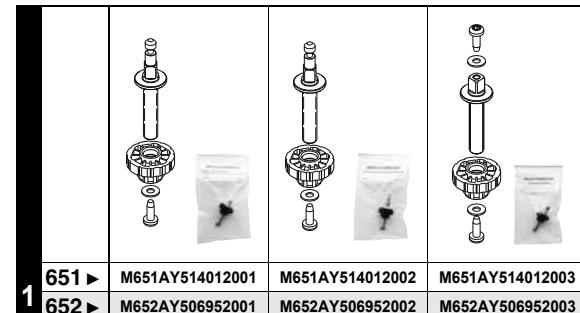
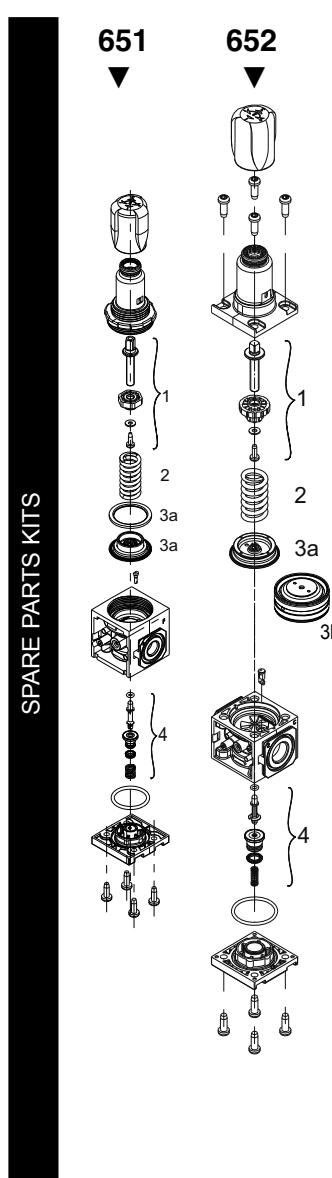
1/8 Rc	NPN	DPS280NRQ8
1/8 NPTF	PNP	DPS280PRQ8
1/8 Rc	NPN	DPS280NNQ8
1/8 NPTF	PNP	DPS280PNQ8



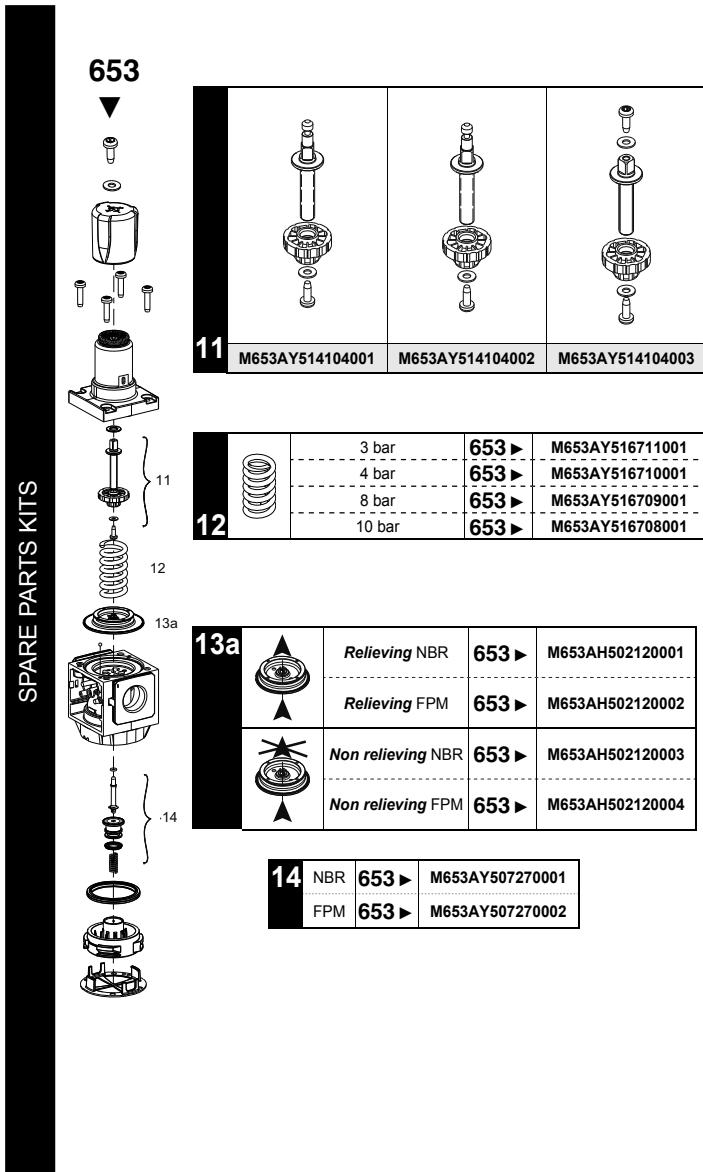
REGULATOR 651 - 652 - 653 - 653 High Pressure



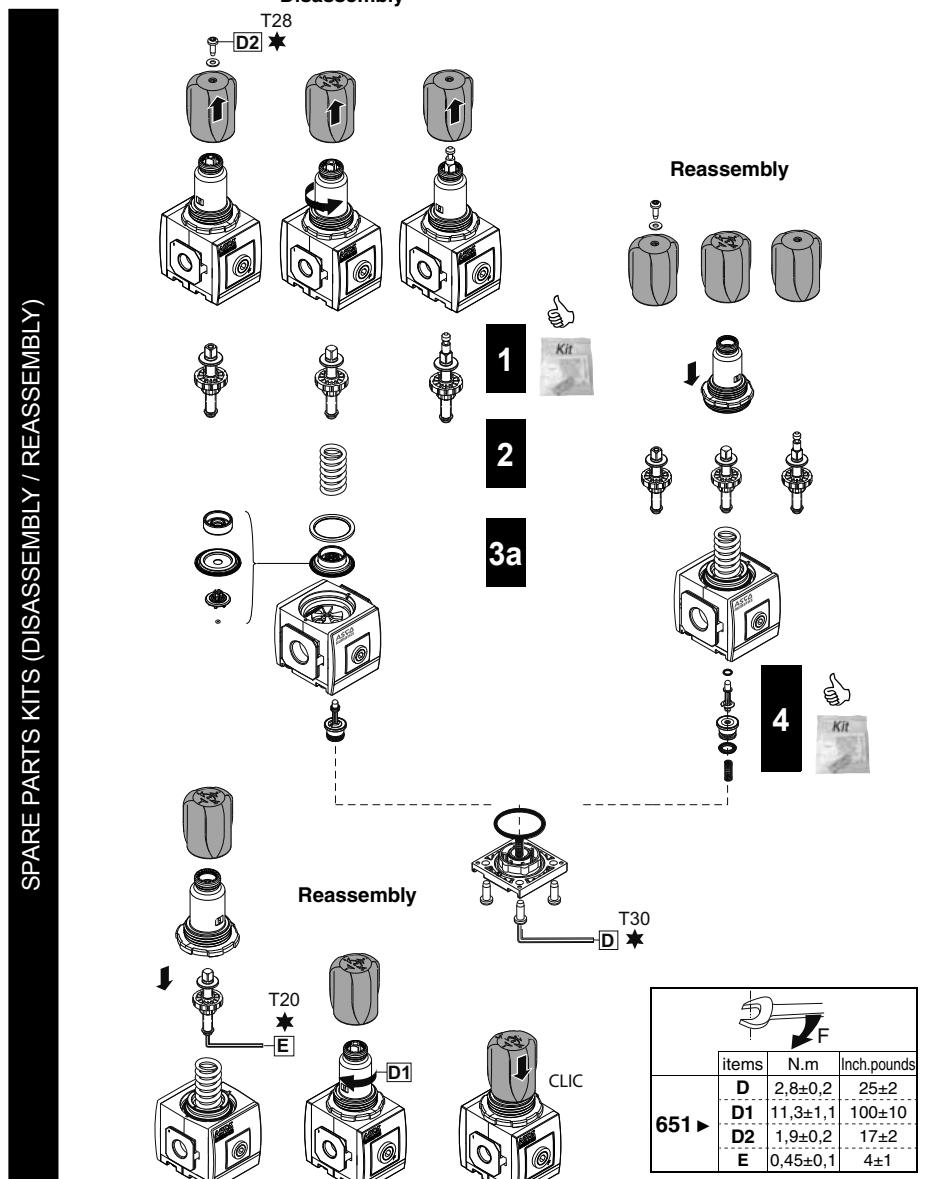
REGULATOR 651 - 652



REGULATOR 653 - 653 High Pressure



REGULATOR 651

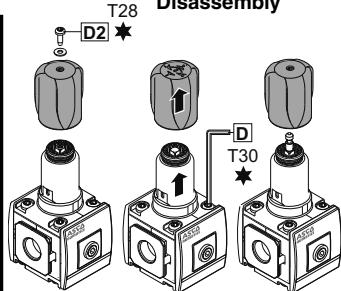




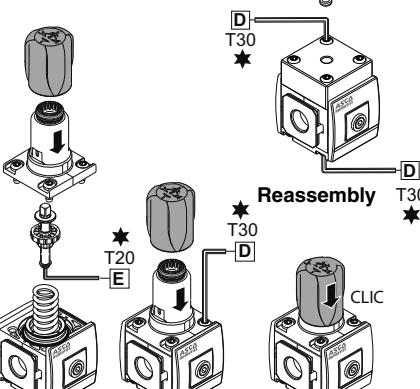
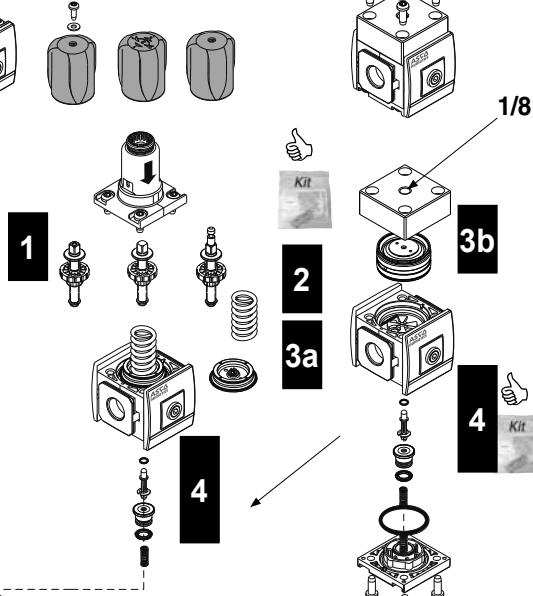
651 - 652 - 653

REGULATOR 652

Disassembly



Reassembly



Reassembly

	F	
items	N.m	Inch.pounds
D	6,8 ± 0,2	60 ± 2
D2	1,9 ± 0,2	17 ± 2
E	1,9 ± 0,2	17 ± 2

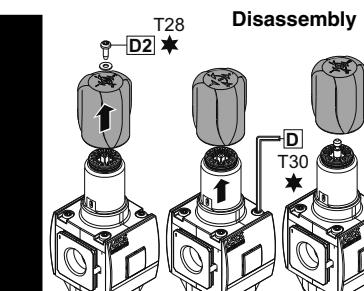


651 - 652 - 653

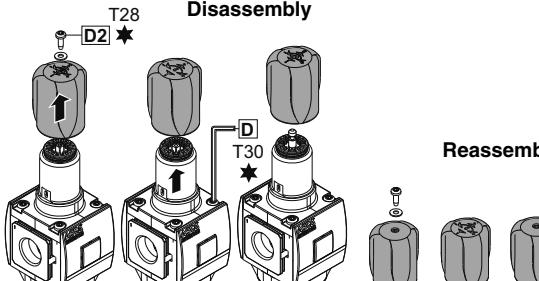
REGULATOR 653 - 653 High Pressure



High Pressure
Disassembly
Reassembly



Disassembly



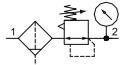
Reassembly

SPARE PARTS KITS (DISASSEMBLY / REASSEMBLY)

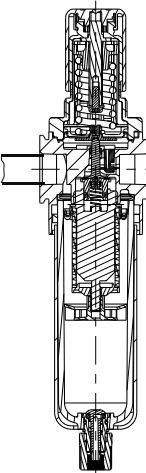
	F	
items	N.m	Inch.pounds
D	6,8 ± 0,2	60 ± 2
D2	1,9 ± 0,2	17 ± 2
E	1,9 ± 0,2	17 ± 2

FILTER/REGULATOR

651 - 652 - 653 - 653 High Pressure



OPERATING CONDITIONS



MODEL G651APJP4GA00HN 1H2
Max. P(1) 16bar / 232 PSIG Temp -20°C to +50°C
Max. P(2) 10bar / 145 PSIG - 4°F to +122°F

MODEL G652APJP4GA00HN 1H2
Max. P(1) 16bar / 232 PSIG Temp -20°C to +50°C
Max. P(2) 10bar / 145 PSIG - 4°F to +122°F

MODEL G653APJP4GA00HN 1H2
Max. P(1) 16bar / 232 PSIG Temp -20°C to +50°C
Max. P(2) 10bar / 145 PSIG - 4°F to +122°F

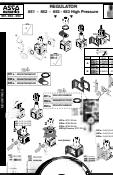
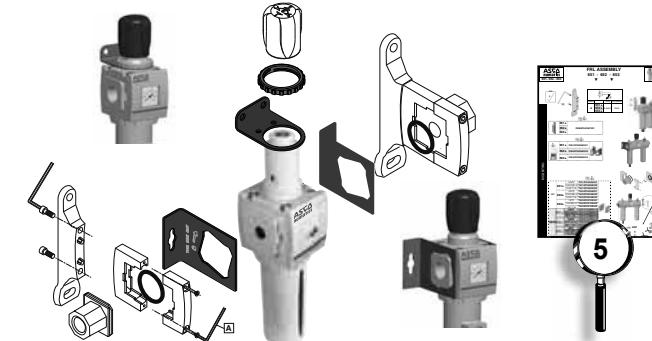
OPTIONS: +80°C / -40°C /

FILTER/REGULATOR

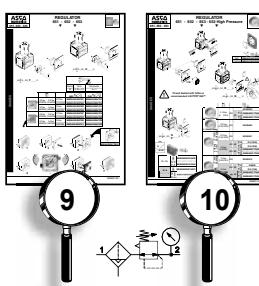
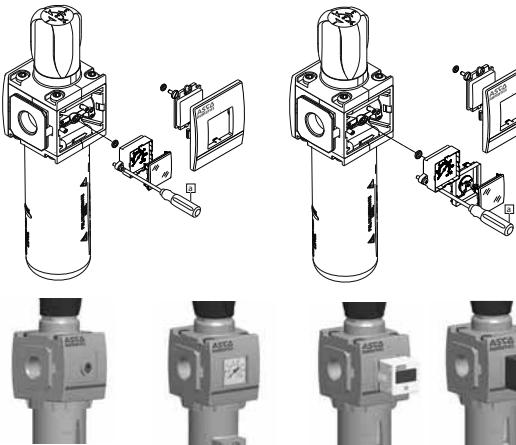
651 - 652 - 653 - 653 High Pressure



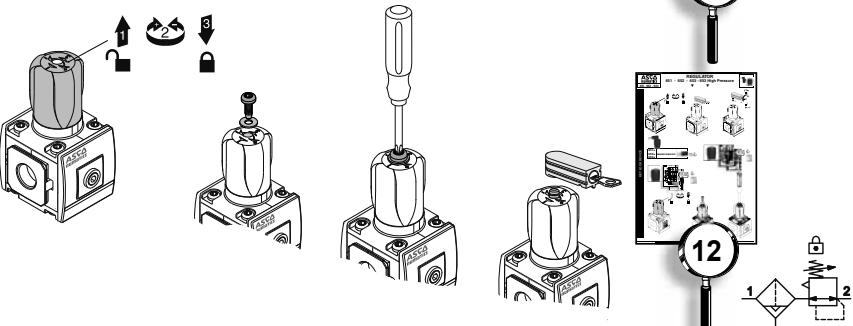
OUNTINGS



GAUGES



KEY LOCK DEVICES



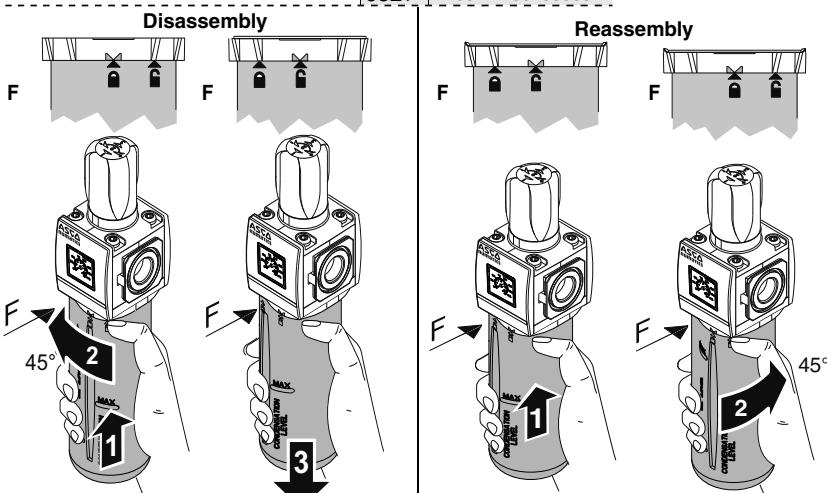
FILTER/REGULATOR
651 - 652



FILTER/REGULATOR
653 - 653 High Pressure



BOWLS	Polycarbonate Bowl + bowl Guard + NBR seal	651 ► M651AU434133001	DO NOT USE T> +50°C (122°F)
	+ semi auto drain & NBR seal	652 ► M652AU440511001	
	651 ► M651AU514009001	652 ► M652AU513311001	
	+ auto drain & NBR seal	651 ► M651AU514009003	
	652 ► M652AU513311002	651 ► M651AU434133003	
	with PA sight gauge + & NBR seal	652 ► M652AU440511003	
	& FKM/FPM seal	651 ► M651AU434133013	
	652 ► M652AU440511013	651 ► M651AU434133002	
	Without sight gauge + & NBR seal	652 ► M652AU440511002	
	& FKM/FPM seal	651 ► M651AU434133011	
	652 ► M652AU440511011	651 ► M651AU434133004	FKM/FPM seal min. -20°C (-4°F)
	& NBR seal	652 ► M652AU440511004	
	with Glass sight gauge + & FKM/FPM seal	651 ► M651AU434133015	
	652 ► M652AU440511015	652 ► M652AU440511005	
	NBR seal	651 ► M651AH507403001	
	FKM/FPM seal	652 ► M652AH507085001	
	651 ► M651AH507403002	651 ► M651AH507403002	
	652 ► M652AH507085002	652 ► M652AH507085002	



FILTER/REGULATOR
653 - 653 High Pressure



DO NOT USE
T> +50°C (122°F)

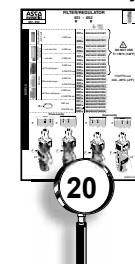
FKM/FPM seal
min. -20°C (-4°F)

Metal bowl	Polycarbonate Bowl + bowl Guard + NBR seal	653 ► M653AU507439001	DO NOT USE T> +50°C (122°F)
	+ semi auto drain & NBR seal	653 ► M653AU514103001	
	653 ► M653AU507439003	653 ► M653AU507439011	
	653 ► M653AU507439002	653 ► M653AU507439005	
	653 ► M653AU507439004	653 ► M653AU507439013	
	NBR seal	653 ► M653AH514106001	
	653 ► M653AH514106002	653 ► M653AH514106002	
	10 x O-ring		

653 High Pressure

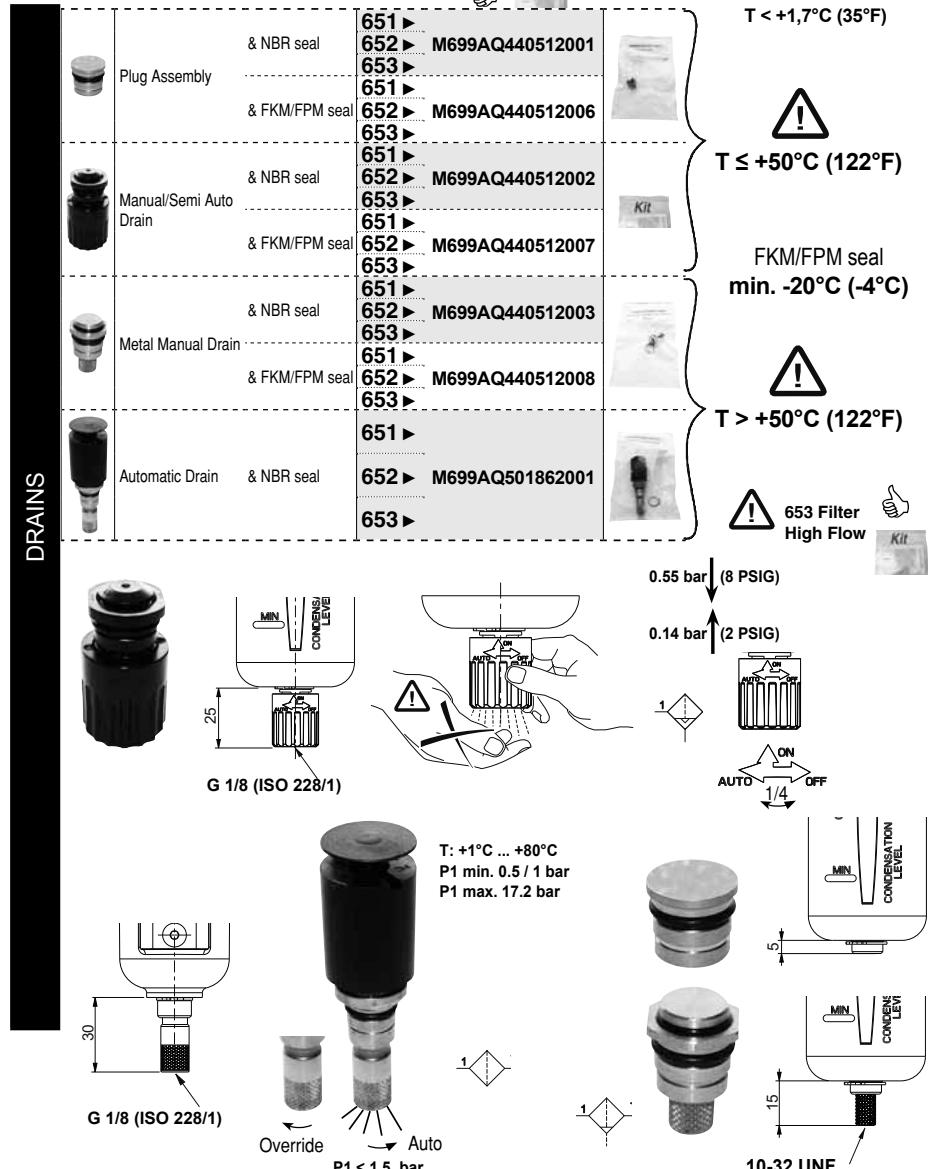


Disassembly
Reassembly



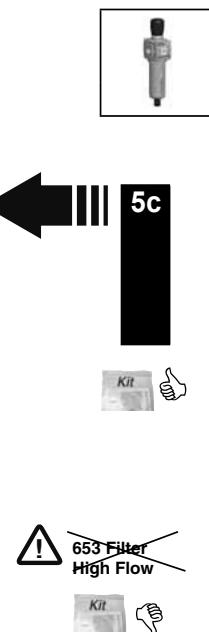
Metal bowl	with PA sight gauge + & NBR seal	653 ► M653AU507439003	DO NOT USE T> +50°C (122°F)
	& FKM/FPM seal	653 ► M653AU507439011	
	653 ► M653AU507439002	653 ► M653AU507439005	
	653 ► M653AU507439004	653 ► M653AU507439013	
	NBR seal	653 ► M653AH514106001	
	653 ► M653AH514106002	653 ► M653AH514106002	
	10 x O-ring		

FILTER/REGULATOR 651 - 652 - 653 - 653 High Pressure



FILTER/REGULATOR 651 - 652 - 653

	651 ► M651AE434063001	651AE434063002	651AE434063003
652 ► M652AE433582001	M652AE433582002	M652AE433582003	
653 ► M653AE439490001	M653AE439490002	M653AE439490003	
5c			
	5 µm	25 µm	40 µm
EN	white	yellow	green
FR	blanc	jaune	vert
DE	weiß	gelb	grün
ES	blanco	amarillo	verde
IT	bianco	giallo	verde
NL	wit	geel	groen
NO	hvit	gul	grønn
SE	vit	gul	grön
FI	valkoinen	keltainen	vihreä
DK	hvid	gul	grøn
PT	branco	amarelo	verde
GR	λευκό	κίτρινος	πράσινος
CZ	bílá	žlutý	zelená
PL	biały	żółty	zielony
HU	fehér	sárga	zold
RU	белый	желтый	зеленый
KZ	ак	сары	жасыл





FILTER/REGULATOR 651 - 652 - 653 - 653 High Pressure

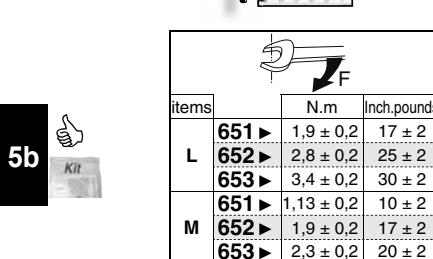


Inlet

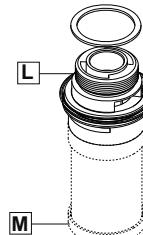
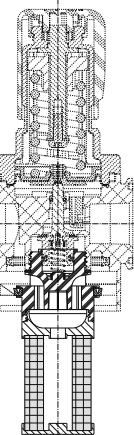
Particulate (40 µm → 25 µm → 5 µm) → Coalescing (0.3 µm → 0.01 µm) → Adsorber

	Kit					
	651 ▶	M651AE525276001	M651AE525276003	M651AE525276002	M651AE525276004	EKF12F
5b	652 ▶	EKF22D	EKF22E	EKF22DD	EKF22ED	EKF22F
5b	653 ▶	EKF32D	EKF32E	EKF32DD	EKF32ED	EKF32F
		0.3 µm (E-Grade)	0.01 µm (E-Grade)	0.3 µm + 3 µm (D-Fine Grade)	0.01 µm + 3 µm (E-Ultra Fine Grade)	Activated Carbon
EN	green	red	green	red	white	
FR	vert	rouge	vert	rouge	blanc	
DE	grün	rot	grün	rot	weiß	
ES	verde	rojo	verde	rojo	blanco	
IT	verde	rosso	verde	rosso	bianco	
NL	groen	rood	groen	rood	wit	
NO	grønn	rød	grønn	rød	hvit	
SE	grön	röd	grön	röd	vit	
FI	vihreä	punainen	vihreä	punainen	valkoinen	
DK	grøn	rød	grøn	rød	hvid	
PT	verde	vermelho	verde	vermelho	branco	
GR	πράσινος	κόκκινος	πράσινος	κόκκινος	λευκό	
CZ	zelená	červená	zelená	červená	bílá	
PL	zielony	czerwony	zielony	czerwony	biały	
HU	zöld	piros	zöld	piros	fehér	
RU	зеленый	красный	зеленый	красный	белый	
KZ	жасыл	қызыл	жасыл	қызыл	ак	

Air purity class: ISO 8573-1 (2010)



COALESCING AND ADSORBER FILTER ELEMENT



5b
Kit

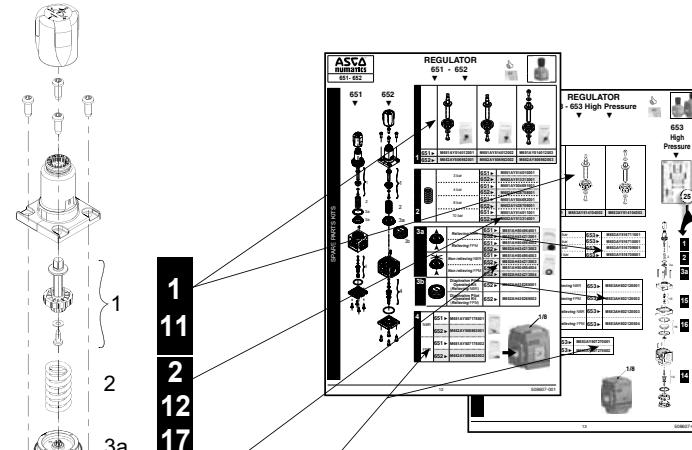


FILTER/REGULATOR 651 - 652 - 653 - 653 High Pressure

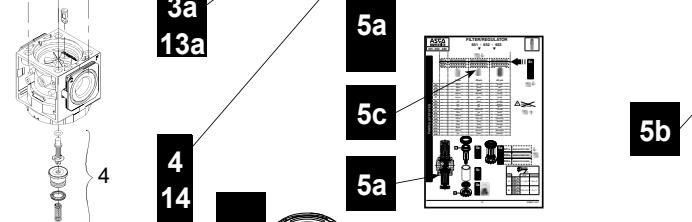


13..17

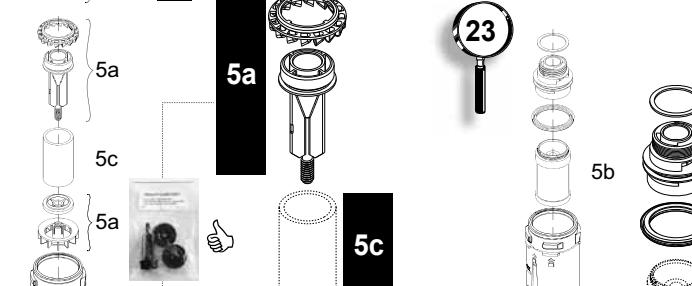
SPARE PARTS KITS (DISASSEMBLY / REASSEMBLY)



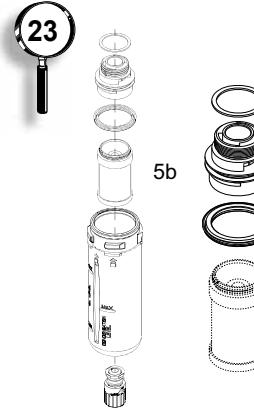
1
11
2
12
17
3a
3a
13a



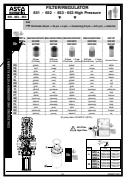
4
14



5a
5a
5a
5a
5c
5c
5b
5b



23
24



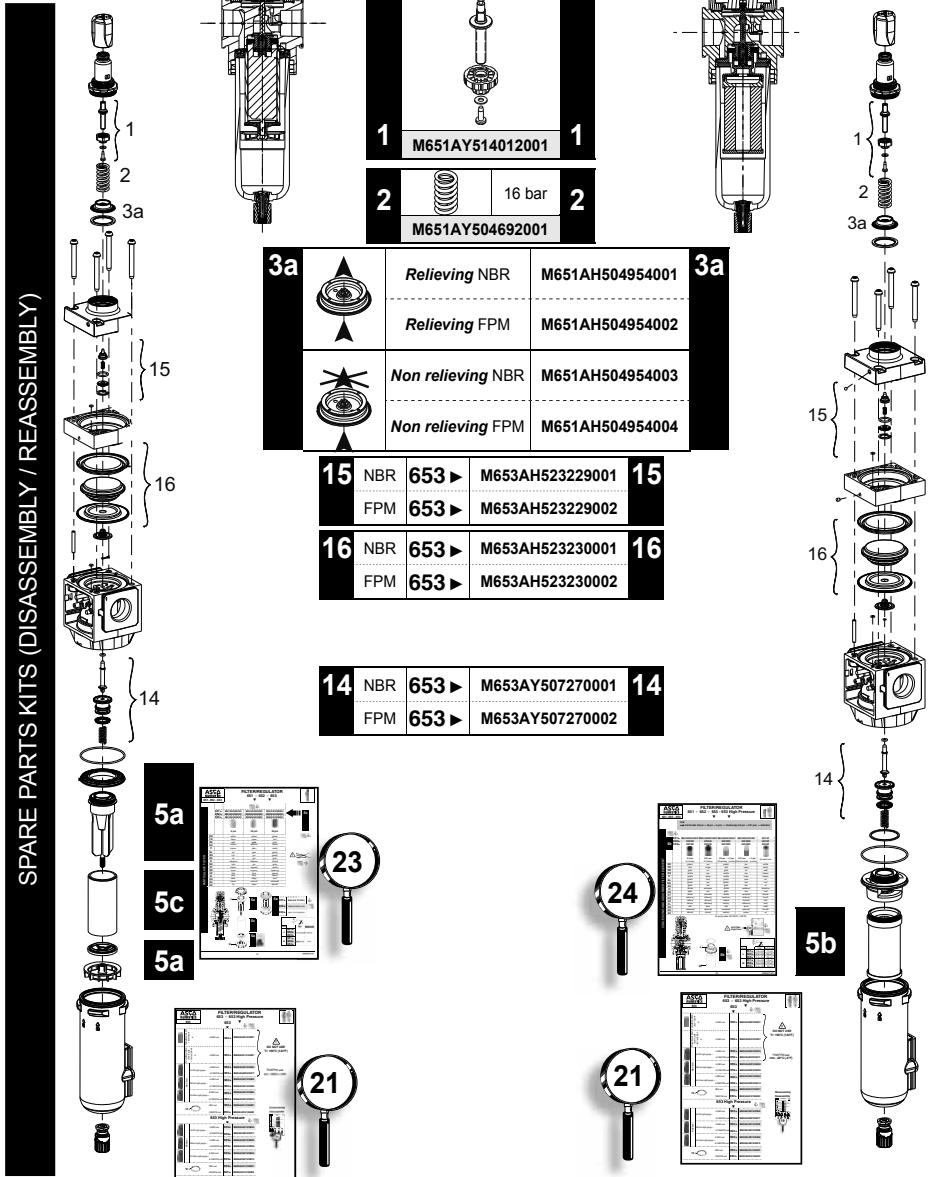
5b



5b

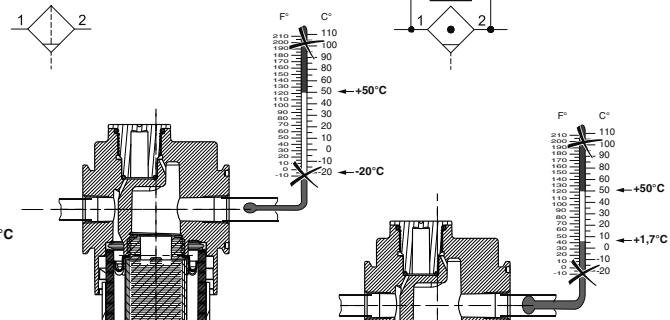
ASCO
numatics
651 - 652 - 653

FILTER/REGULATOR 653 High Pressure



ASCO
numatics
651 - 652 - 653 - 653

FILTER 651 - 652 - 653 - 653 High Flow



OPERATING CONDITIONS



MODEL G651ABJK3JA000N 1H4
Max. P(1) 16bar / 232 PSIG Temp -20°C to +50°C
-4°F to +122°F

MODEL G652ABJK3JA000N 1H4
Max. P(1) 16bar / 232 PSIG Temp -20°C to +50°C
-4°F to +122°F

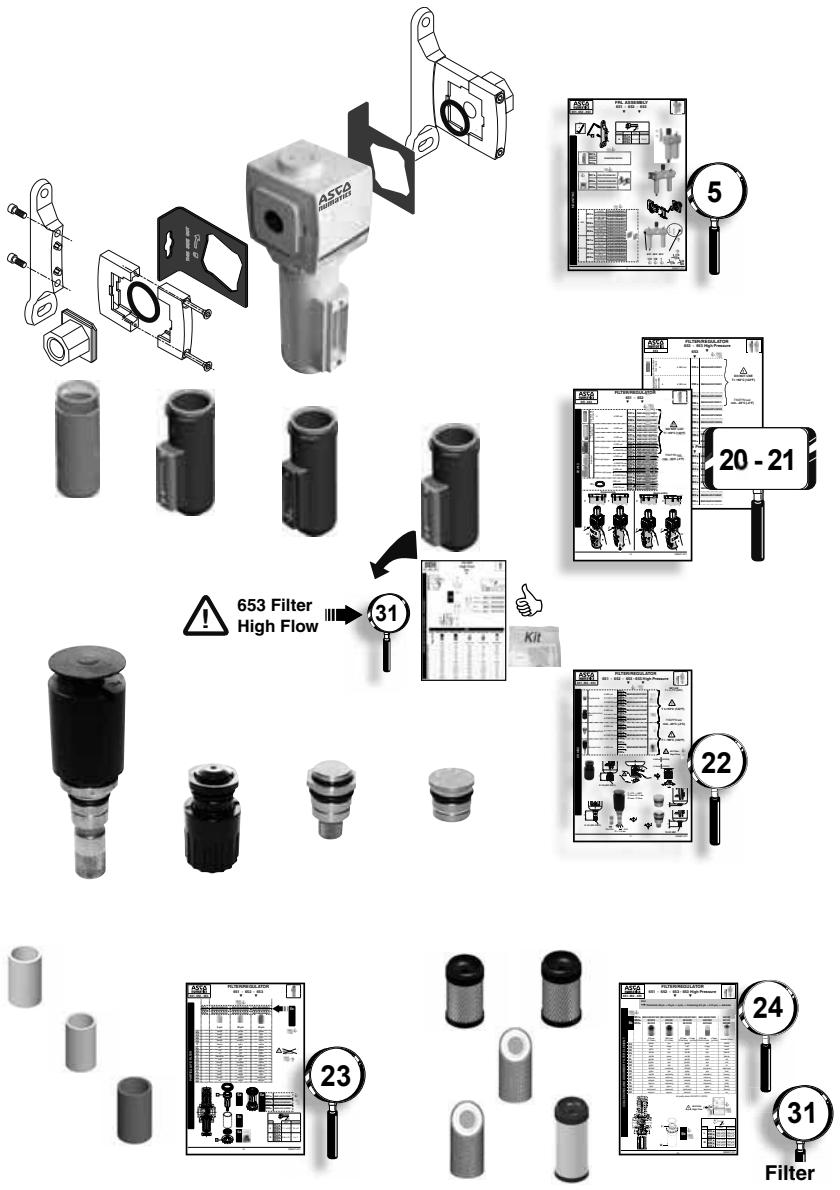
MODEL G653ABJK3JA000N 1H4
Max. P(1) 16bar / 232 PSIG Temp -20°C to +50°C
-4°F to +122°F



OPTIONS: +80°C / -40°C /

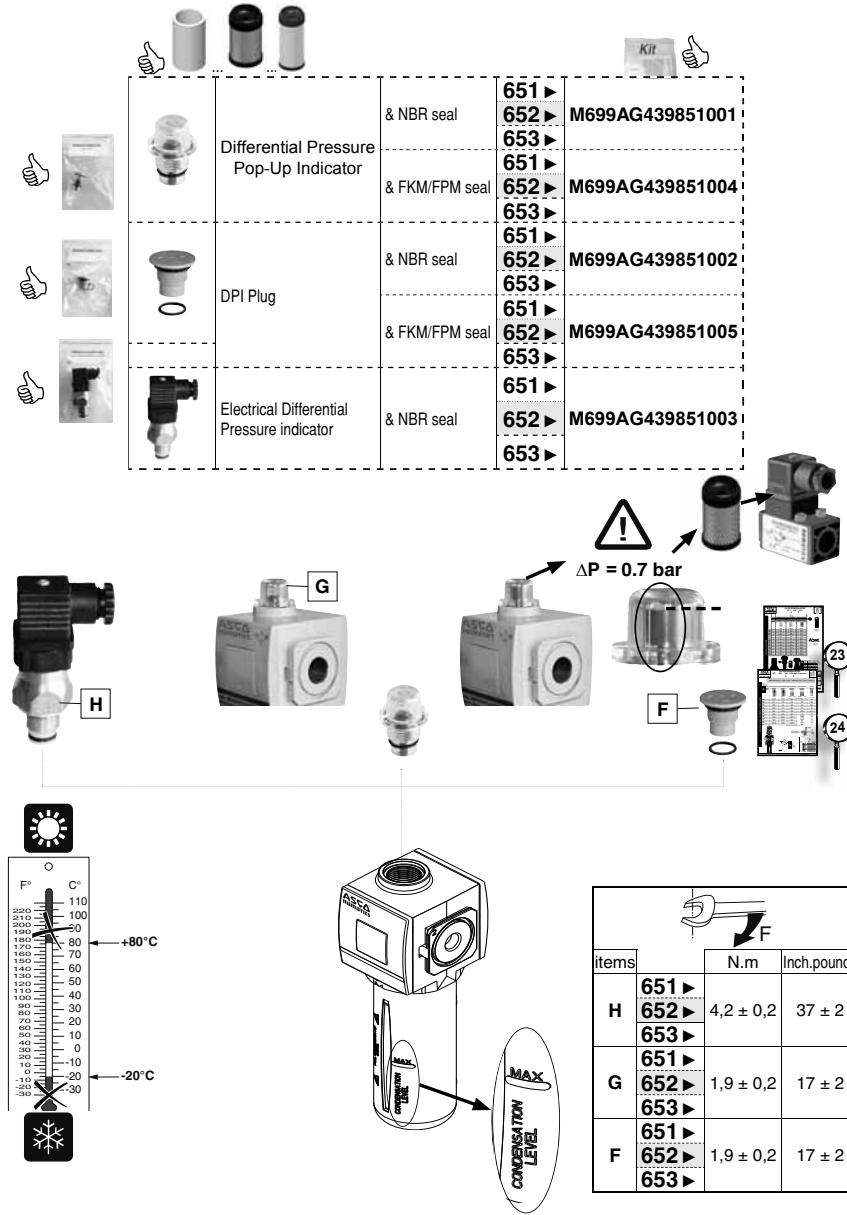
FILTER
651 - 652 - 653 - 653 High Flow

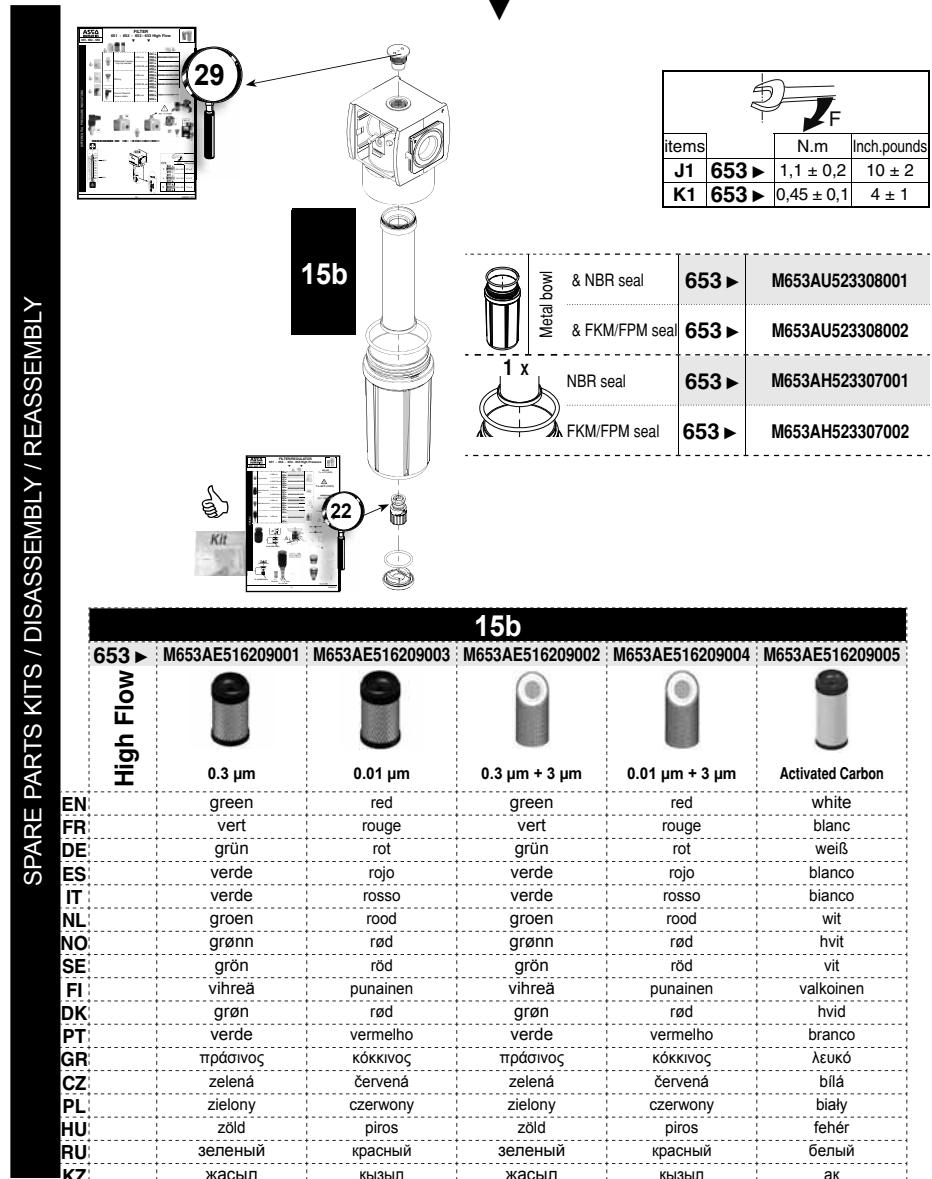
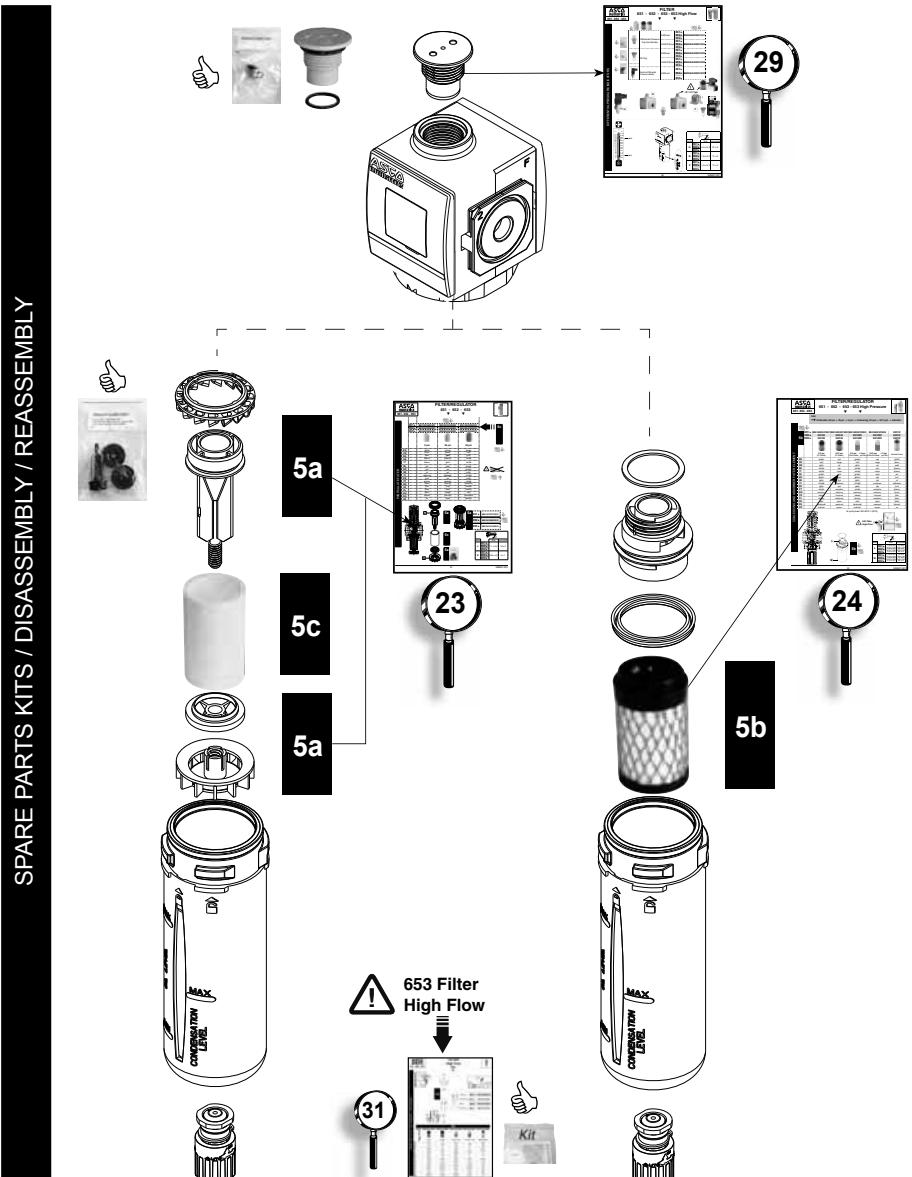
MOUNTINGS | BOWLS | DRAINS | FILTER ELEMENTS



FILTER
651 - 652 - 653 - 653 High Flow

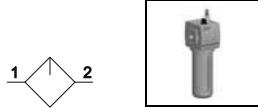
DIFFERENTIAL PRESSURE INDICATORS



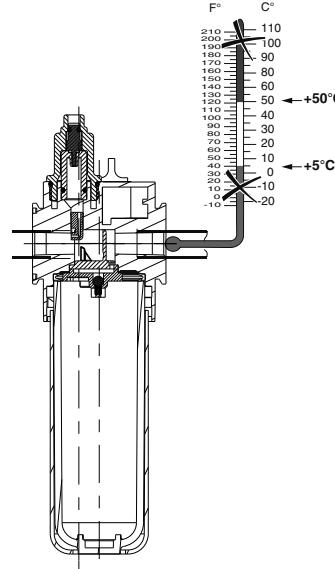
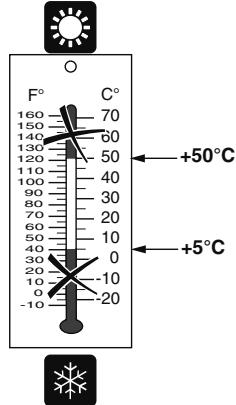




LUBRICATOR 651 - 652 - 653



NBR + FKM/FPM



MODEL G651AL0P30A0000 1H4
Max. P(1) 16bar / 232 PSIG Temp +5 °C to +50 °C
+41°F to +122°F

MODEL G652AL0P30A0000 1H4
Max. P(1) 16bar / 232 PSIG Temp +5 °C to +50 °C
+41°F to +122°F

MODEL G653AL0P30A0000 1H4
Max. P(1) 16bar / 232 PSIG Temp +5 °C to +50 °C
+41°F to +122°F

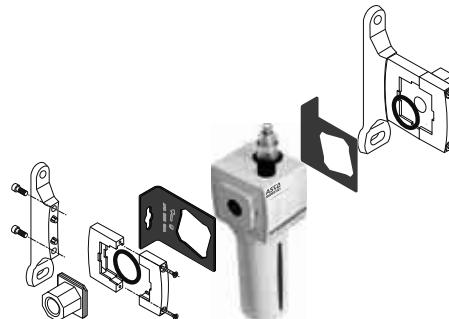
OPERATING CONDITIONS



LUBRICATOR 651 - 652 - 653



MOUNTINGS



5

for Level
Switch
only

BOWLS

Polycarbonate Bowl + bowl Guard +	& NBR seal	651 ► M651AU434133008
with PA sight gauge +	& FKM/FPM seal	652 ► M652AU440511008
Metal bowl	& NBR seal	653 ► M653AU507439006
Without sight gauge +	& FKM/FPM seal	651 ► M651AU434133001
Metal bowl	& NBR seal	652 ► M652AU440511001
Without sight gauge +	& FKM/FPM seal	653 ► M653AU507439001
With glass bowl	& NBR seal	651 ► M651AU434133013
With glass bowl	& FKM/FPM seal	652 ► M652AU440511013
With glass bowl	& FKM/FPM seal	653 ► M653AU507439011
With glass bowl	& NBR seal	651 ► M651AU434133002
With glass bowl	& FKM/FPM seal	652 ► M652AU440511002
With glass bowl	& NBR seal	653 ► M653AU507439002
With glass bowl	& FKM/FPM seal	651 ► M651AU434133011
With glass bowl	& NBR seal	652 ► M652AU440511011
With glass bowl	& FKM/FPM seal	653 ► M653AU507439005
With glass bowl	& NBR seal	651 ► M651AU434133004
With glass bowl	& FKM/FPM seal	652 ► M652AU440511004
With glass bowl	& NBR seal	653 ► M653AU507439004
With glass bowl	& FKM/FPM seal	651 ► M651AU434133015
With glass bowl	& NBR seal	652 ► M652AU440511015
With glass bowl	& FKM/FPM seal	653 ► M653AU507439013

Plug Assembly
+
&
FKM/
FPM
seal
&
NBR
seal



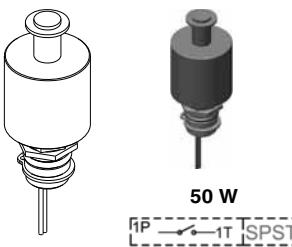
Kit

651/652/653 ► M699AQ440512008 M699AQ440512001

651 ►
652 ► M699AG506837001
653 ►



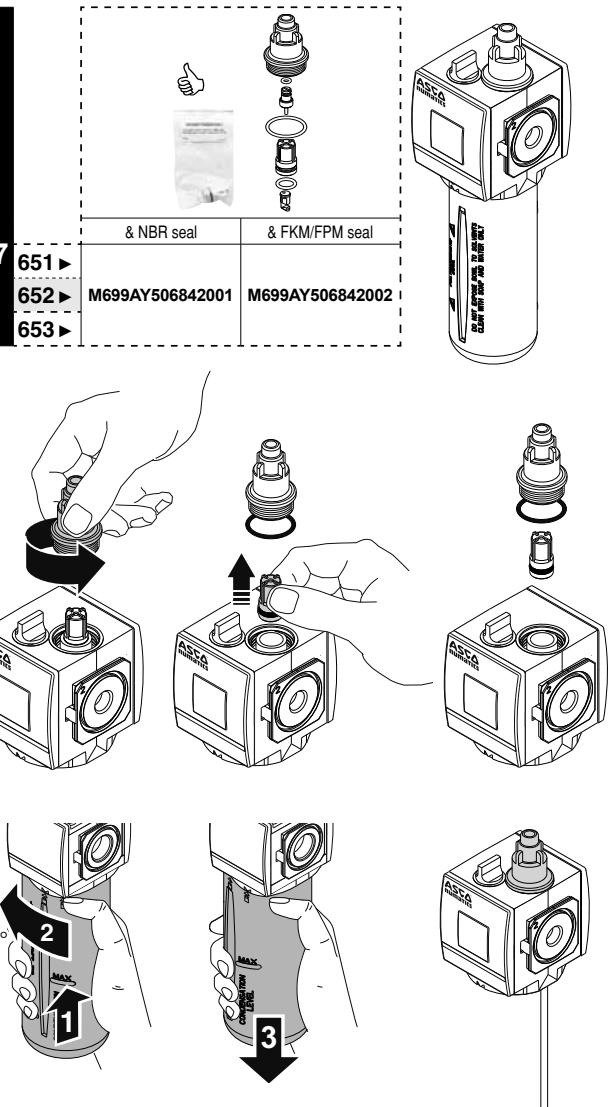
LUBRICATOR LEVEL SWITCH



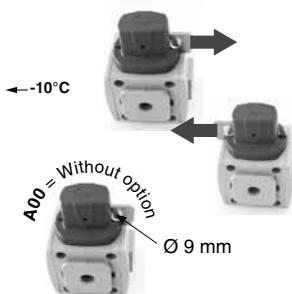
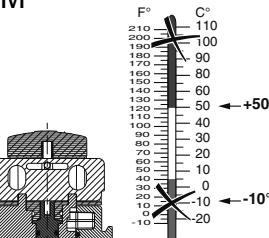
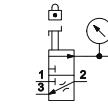


651 - 652 - 653

LUBRICATOR 651 - 652 - 653



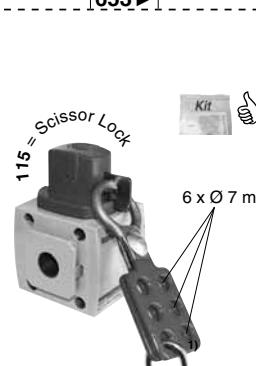
SHUT-OFF ISOLATION VALVE 2/2 - 3/2 651 - 652 - 653



	NBR	FPM
0-25 bar	M699AG438047003	M699AG438047015
0-375 PSIG	M699AG438047006	M699AG438047018
0-25 bar	M699AG438047009	M699AG438047021
0-375 PSIG	M699AG438047012	M699AG438047024

050	US ▶	1/8 NPTF Rc	34300063
0..25 bar (0.360 psig)		M699AG511766001	M699AG511763001
050			34300997
0..16 bar (0.232 psig)			
040 US ▶	1/8 NPTF Rc	RA300A	214-118A
0..30 psig 0..20 bar			

Metal	1/4 NPTF	651 ▶ M2MN
	3/8 NPTF	653 ▶ M3MN
	1/4 G	651 ▶ M2MB
	3/8 G	653 ▶ M3MB
Polyethylene	1/4 NPTF	651 ▶ E2MN
	3/8 NPTF	653 ▶ E3MN
	1/4 G	651 ▶ 34600407
	3/8 G	653 ▶ 34600408



MUFFLERS SILENCERS

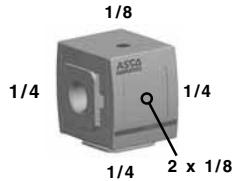




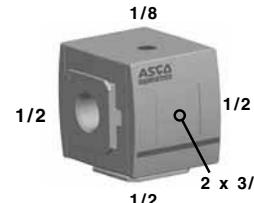
651 - 652 - 653

DIVERTER BLOCKS 651 - 652 - 653

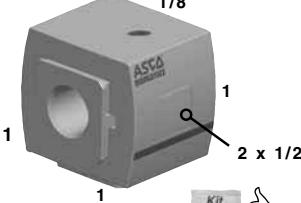
_651AD004T_00



_652AD004T_00



_653AD004T_00



PRESSURE SWITCH SENSOR

1/8 NPTF, 20-130 PSI (1.4 to 9 bar) range, Brass/NBR 3 PIN Micro connection (12mm); IP65

1/8 BSPP, 20-130 PSI (1.4 to 9 bar) range, Brass/NBR 3 PIN Micro connection (12mm); IP65

1/8 NPTF, 14 - 150 PSI (1 to 10 bar) range, Zinc Plated Steel/NBR Polyamide Connector Material, 4 PIN DIN Connector; IP65

Connector/Cord-set for PS182 - 90° Elbow: 5 Meter cable

Connector/Cord-set for PS182 - Straight: 5 Meter cable

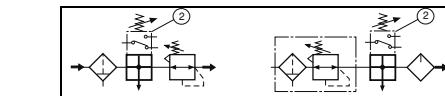
_651AD004C_00



_652AD004C_00



_653AD004C_00



PRESSURE SWITCH SENSOR

Without protection
250 V - AC/DC
IP65
NBR
-10°C..+60°C

With protection
24 V DC
IP65
NBR
0°C..+60°

651 ▶ 34900030 -

652 ▶ 34900031 -

653 ▶ 34900033 -

651 ▶ 34900031 -

652 ▶ 34900034 -

653 ▶ 34900034 -

36

508607-001



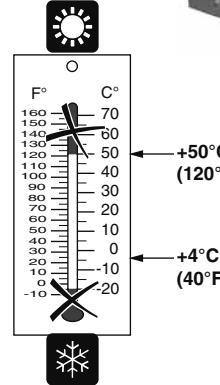
651 - 652 - 653

LOCKOUT VALVES 652 - 653



Max. Pressure
150 PSIG (10 bar)

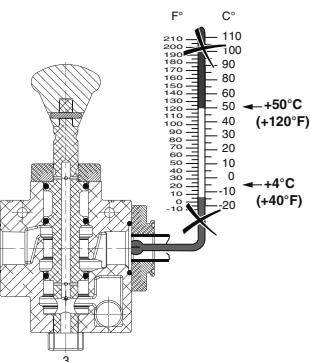
OPERATING CONDITIONS



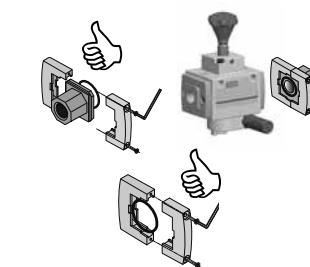
T652A₅₆L000_00

T653A₅₆L060_00

NBR ONLY



SCISSOR LOCK



MUFFLERS SILENCERS



Metal

1/2 NPTF



M4MN

1 NPTF



M6MN

1 NPTF