

NEW AIR Treatment Units

Vesta
TU-4
Series

ALUMINIUM BODY AIR TREATMENT UNITS G1/2"

GRUPPI TRATTAMENTO ARIA CON CORPO IN ALLUMINIO G1/2"

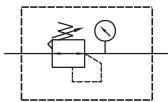
**Acetal polymer piston
and NBR lip-seals**

*Pistoni in tecnopolimero,
guarnizioni a labbro in NBR*

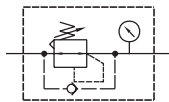
Metal bowl option available
Disponibile con tazza metallica



TU - R4

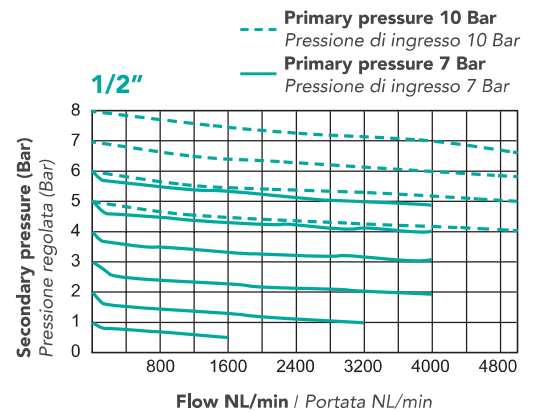
PRESSURE REGULATOR
REGOLATORE DI PRESSIONE

Standard / standard

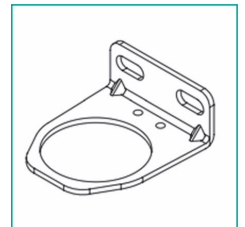


Backflow / flusso di ritorno

FLOW / PORTATA



Attachment / Accessori

L-type bracket (TU-BL4)
Staffa a L (TU-BL4)

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

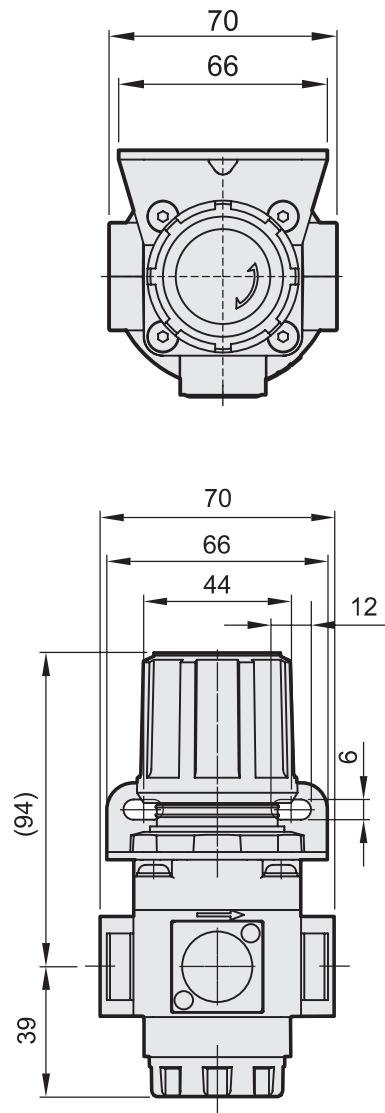
Port size / Connessione	G 1/2"
Fluid / Fluido	Air / Aria
Max. operating pressure Range massimo di pressione	10 Bar
Proof pressure Pressione di scoppio	15 Bar
Regulated pressure range Range di regolazione di pressione	1 ~ 8,5 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (no freezing - no congelamento)
Attachment / Accessori	Pressure gauge, gauge adapter set, L-type bracket (TU-BL4) Manometro, adattatore per manometro, staffa a L (TU-BL4)
Weight / Peso	450 g

ENCODING / CODIFICA

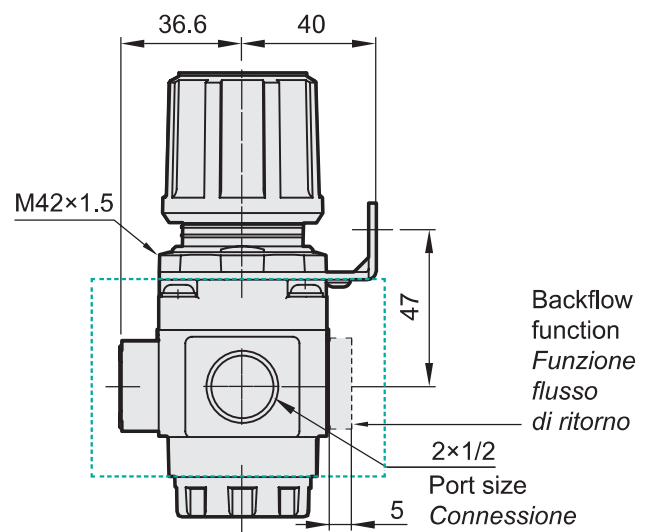
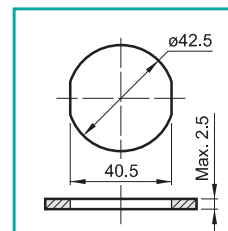
TU - R4 - □ - □ - □ - □

Model <i>Modello</i>	Port size: <i>Connessione:</i> 12 1/2"	Backflow function: S Standard B Backflow function <i>Funzione flusso di ritorno</i>	Exhaust mechanism: <i>Meccanismo di scarico:</i> R relieving type con relieving N Non relieving type senza relieving	Pressure Gauge: / Manometro: G Integrated pressure gauge Manometro integrato A Gauge adapter set (TU-AS) Adattatore per manometro (TU-AS) E Pressure switch (EP41) Pressostato digitale (EP41)
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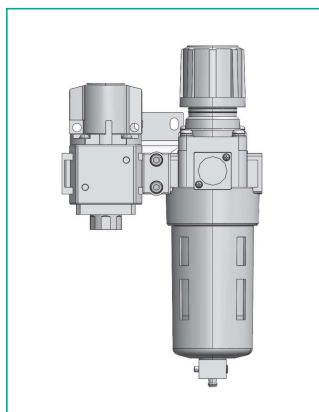
DIMENSIONS / DIMENSIONI



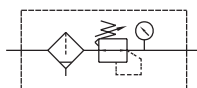
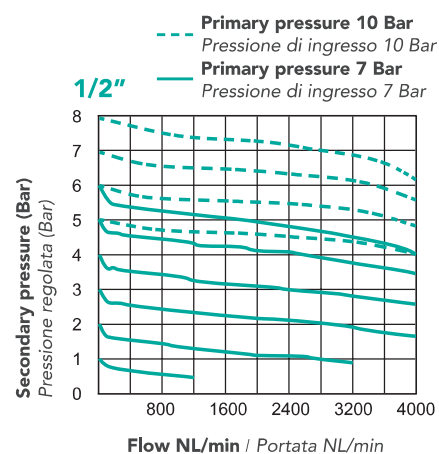
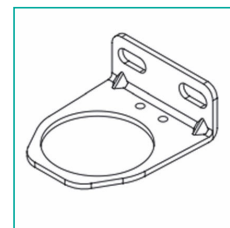
Panel mounting hole
Foro per montaggio a pannello



TU - FR4

FILTER AND PRESSURE REGULATOR
FILTRO E REGOLATORE DI PRESSIONE


Integrated ON OFF version
Versione con valvola ON OFF integrata

**FLOW / PORTATA****Attachment / Accessori**

L-type bracket (TU-BL4)
Staffa a L (TU-BL4)

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Port size / Connessione	G 1/2"
Fluid / Fluido	Air / Aria
Operating pressure range <i>Range di pressione operativa</i>	0,5 ~ 10 Bar
Proof pressure <i>Pressione di scoppio</i>	15 Bar
Regulated pressure range <i>Range di regolazione di pressione</i>	0,5 ~ 8,5 Bar
Ambient temperature <i>Temperatura ambiente</i>	- 5 ~ +60°C (no freezing - no congelamento)
Filter element / Elemento filtrante	Standard - Standard: 40 µm Option - Opzione: 5 µm
Drain capacity / Capacità tazza	75 cm ³
Attachment / Accessori	Pressure gauge, pressure switch, bracket (TU-BFR4) Manometro, pressostato digitale, staffa (TU-BFR4)
Weight / Peso	620 g

ENCODING / CODIFICA

TU - FR4 - - - -

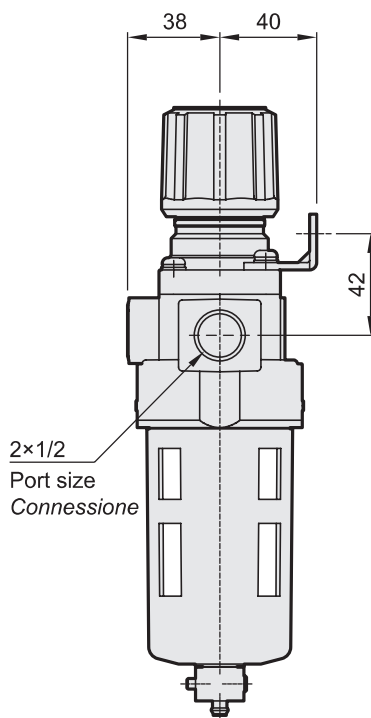
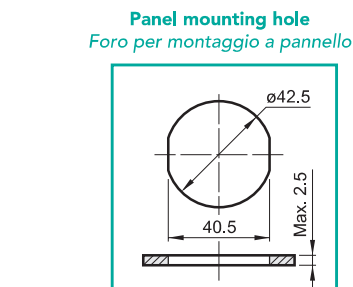
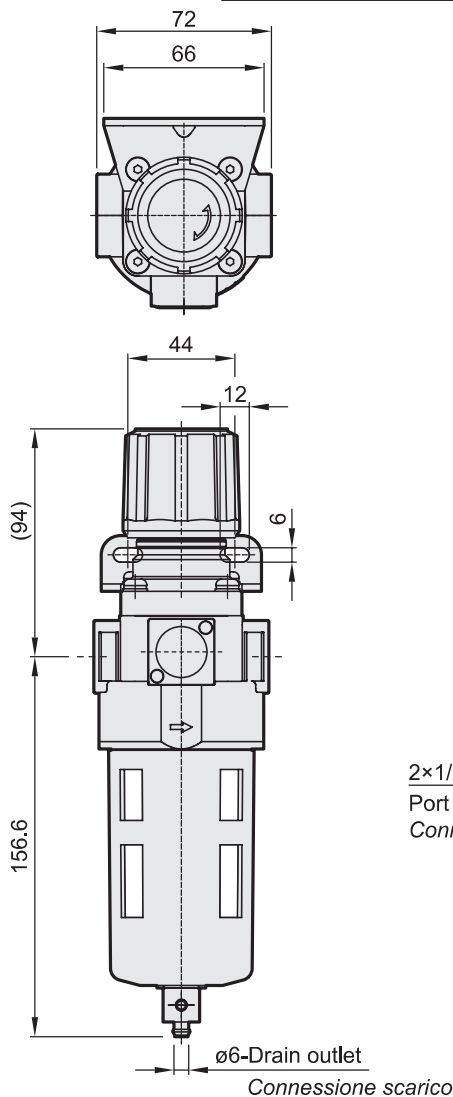
Model Modello	Port size: Connessione: 12 1/2"
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ON OFF Valve / Valvola ON OFF
Blank No integrated valve
 Senza valvola integrata
VM Integrated ON OFF valve
 Valvola ON OFF integrata

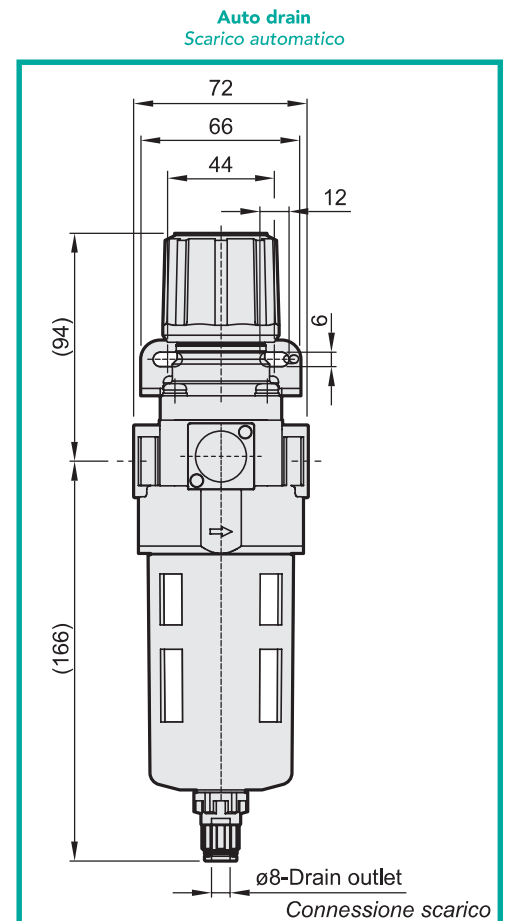
Backflow Function:
 Elemento filtrante:
Blank Standard
B Backflow

Accessories / Accessori

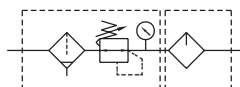
Bowl / Tazza: P Protection case Tazza protetta M Metal bowl Tazza di metallo	Pressure Gauge: / Manometro: G Integrated pressure gauge Manometro integrato A Gauge adapter set (TU-AS) Adattatore per manometro (TU-AS) E Pressure switch (TU-EPS) Pressostato digitale (TU-EPS)	Drain valve / Valvola di scarico S Semi-auto drain Scarico semiautomatico D Auto drain Scarico automatico W Solenoid controlled drain Scarico a controllo elettrico	Filter element: Elemento filtrante: 4 40 µm 5 5 µm
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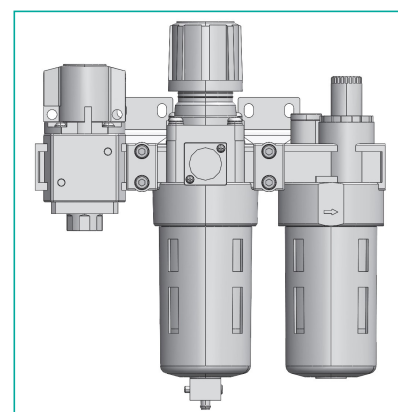
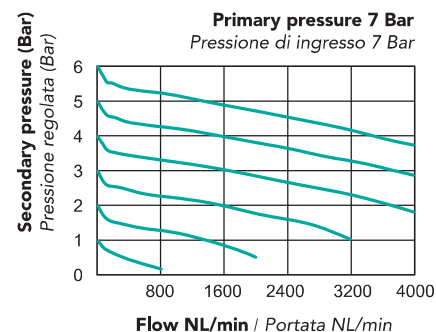
DIMENSIONS / DIMENSIONI



TU - FRL4

F.R.L UNIT
UNITÀ F.R.L.

FLOW / PORTATA



Integrated ON OFF version
Versione con valvola ON OFF integrata

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Port size / Connessione	G 1/2"
Fluid / Fluido	Air / Aria
Operating pressure range Range di pressione operativa	0,5 ~ 10 Bar
Proof pressure Pressione di scoppio	15 Bar
Regulated pressure range Range di regolazione di pressione	0,5 ~ 8,5 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (no freezing - no congelamento)
Filter element / Elemento filtrante	Standard - Standard: 40 µm Option - Opzione: 5 µm
Lubricating oil capacity / Capacità tazza olio	200 c.c.
Min. flow for oil drip Flusso minimo gocciolamento olio	80 L/min
Recommended lubricating oil Olio di lubrificazione consigliato	ISO-VG32
Attachment / Accessori	Pressure gauge, pressure switch Manometro, pressostato digitale
Weight / Peso	1100 g

ENCODING / CODIFICA

TU - FRL4 - - - - -

ON OFF Valve / Valvola ON OFF
Blank No integrated valve
 Senza valvola integrata
VM Integrated ON OFF valve
 Valvola ON OFF integrata

Oil level signal / Livello olio
Blank No sig.
LF Feedback sig.

Backflow Function:
 Elemento filtrante:
Blank Standard
B Backflow

Accessories / Accessori

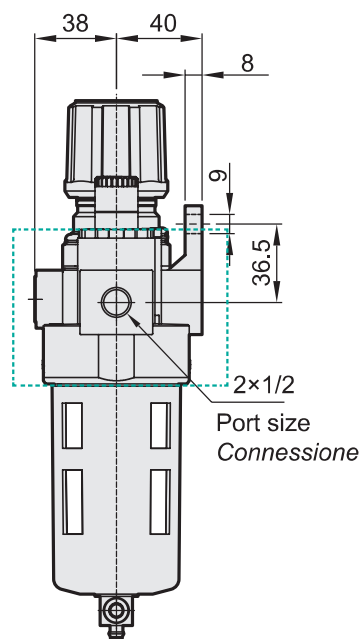
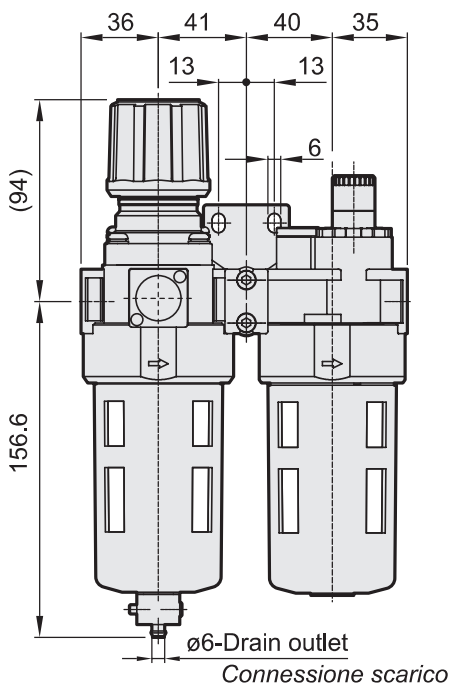
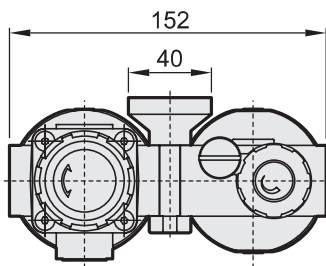
Bowl / Tazza:
P Protection case
 Tazza protetta
M Metal bowl
 Tazza di metallo

Pressure Gauge: / Manometro:
G Integrated pressure gauge
 Manometro integrato
A Gauge adapter set (TU-AS)
 Adattatore per
 manometro (TU-AS)
E Pressure switch (TU-EPS)
 Pressostato digitale (TU-EPS)

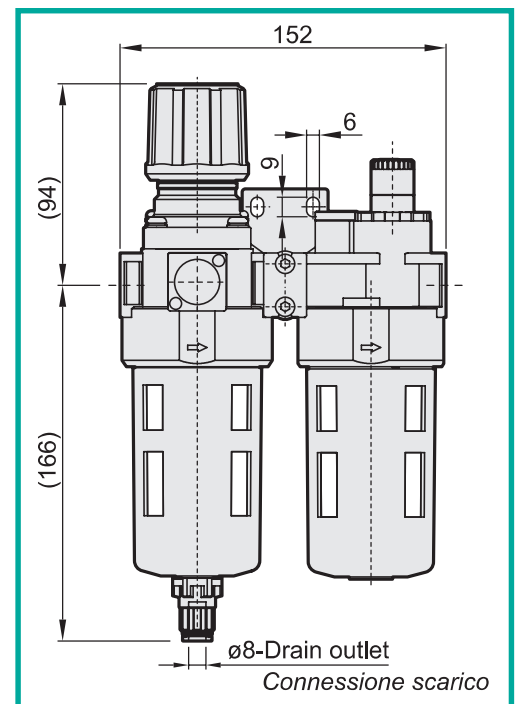
Drain valve / Valvola di scarico
S Semi-auto drain
 Scarico semiautomatico
D Auto drain
 Scarico automatico
W Solenoid controlled drain
 Scarico a controllo elettrico

Filter element:
 Elemento filtrante:
4 40 µm
5 5 µm

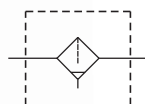
DIMENSIONS / DIMENSIONI



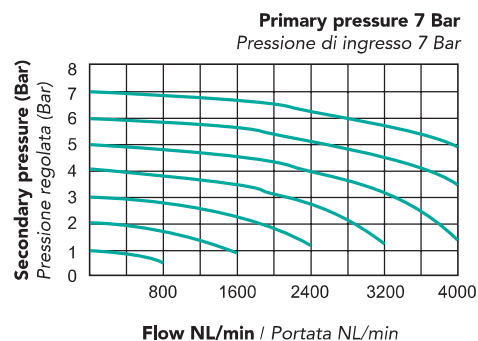
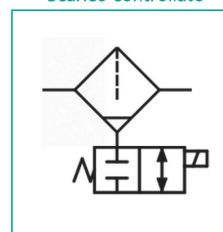
Auto drain valve
Scarico automatico



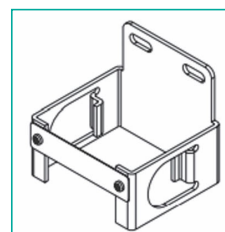
TU - F4

FILTER
FILTRO

FLOW / PORTATA

Controlled drain
Scarico controllato24V DC solenoid 2/2 valve
Valvola 2/2, bobina 24V DC

Attachment / Accessori

C-type bracket (TU-BC4)
Staffa a C (TU-BC4)

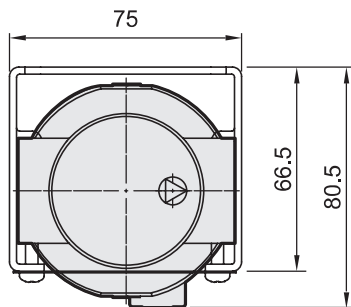
TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Port size / Connessione	G 1/2"
Fluid / Fluido	Air / Aria
Operating pressure range Range di pressione operativa	0,5 ~ 10 Bar
Proof pressure Pressione di scoppio	15 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (no freezing - no congelamento)
Filter element / Elemento filtrante	Standard - Standard: 40 µm Option - Opzione: 5 µm
Drain capacity / Capacità tazza	75 cm ³
Weight / Peso	345 g
Attachment / Accessori	C-type bracket (TU-BC4) staffa a C (TU-BC4)

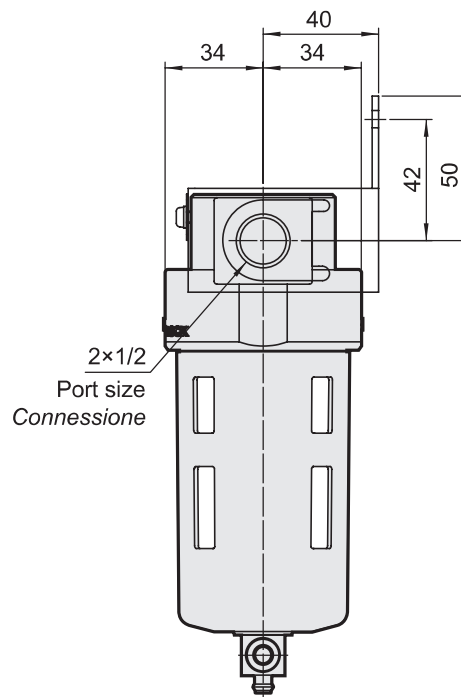
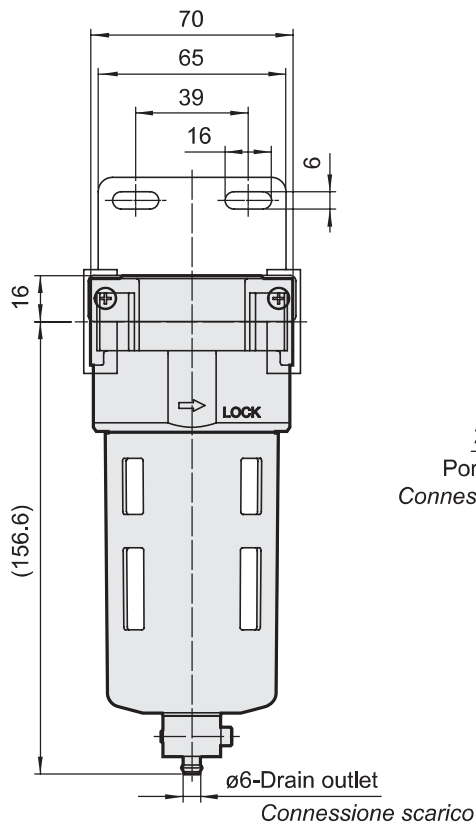
ENCODING / CODIFICA

TU - F4 - -

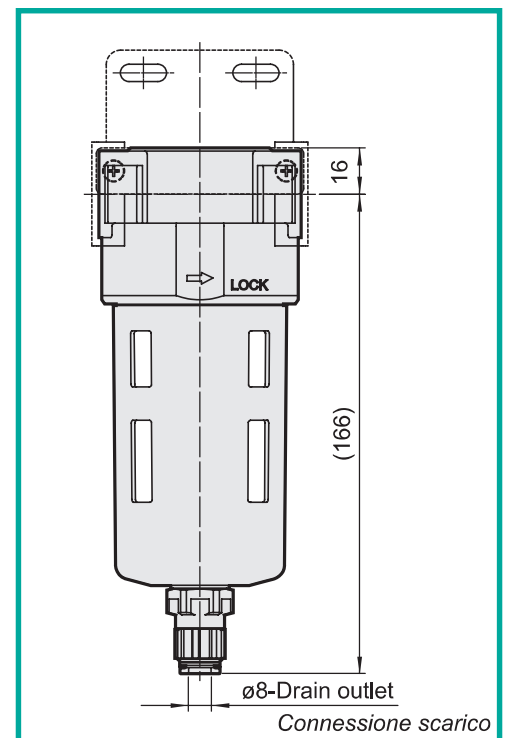
Model Modello	Port size: Connessione: 12 1/2"	Bowl /Tazza: P Protection case Tazza protetta M Metal bowl Tazza di metallo	Drain valve / Valvola di scarico S Semi-auto drain Scarico semiautomatico D Auto drain Scarico automatico W Solenoid controlled drain Scarico a controllo elettrico	Filter element: Elemento filtrante: 4 40 µm 5 5 µm
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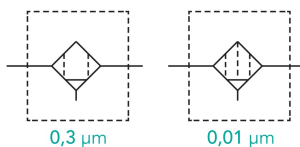
DIMENSIONS / DIMENSIONI



Auto drain valve
Scarico automatico



TU - MMF4

MICRO-MIST FILTER
FILTRO DISOLEATORE

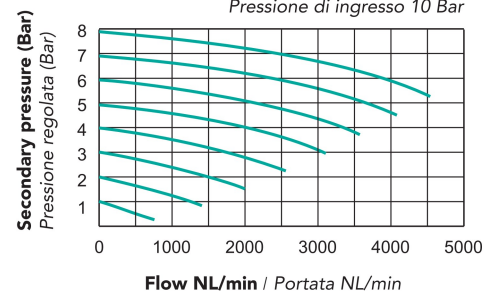
FLOW / PORTATA

0,3 µm

Filter / Filtro

Primary pressure 10 Bar

Pressione di ingresso 10 Bar

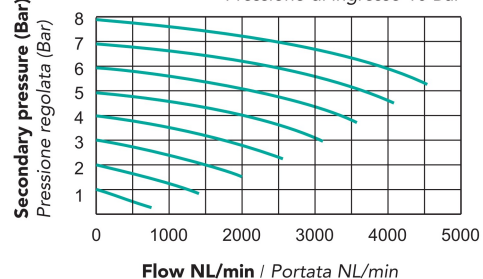


0,01 µm

Filter / Filtro

Primary pressure 10 Bar

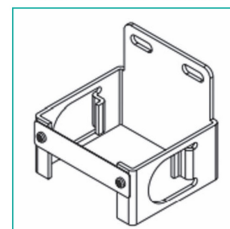
Pressione di ingresso 10 Bar



Attachment / Accessori

C-type bracket (TU-BC4)

Staffa a C (TU-BC4)



TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

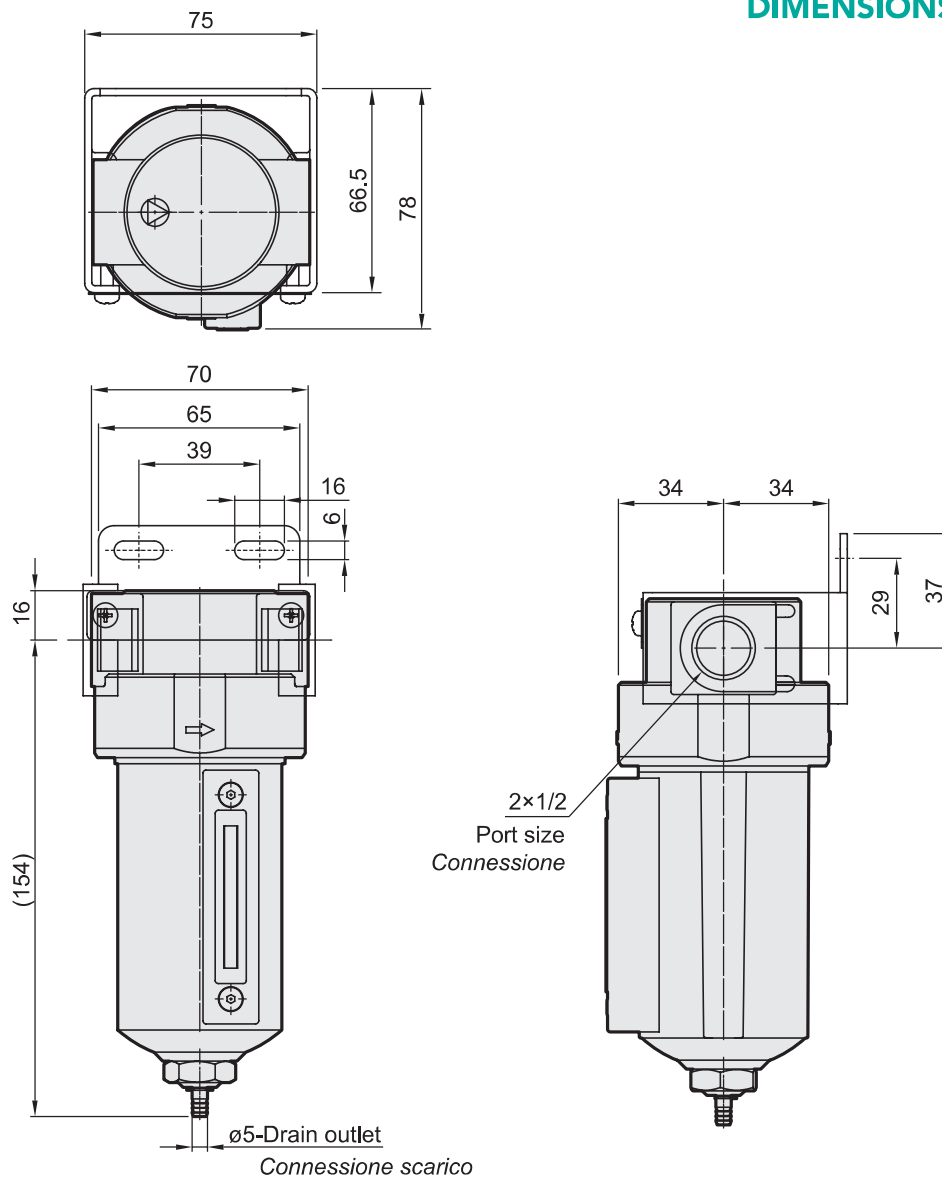
Port size / Connessione	G 1/2"
Fluid / Fluido	Air / Aria
Operating pressure range Range di pressione operativa	0,5 ~ 10 Bar
Proof pressure Pressione di scoppio	20 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (no freezing - no congelamento)
Filter element / Elemento filtrante	Version - Versione: 0,3 µm Version - Versione: 0,01 µm
Drain capacity / Capacità tazza	70 cm ³
Weight / Peso	480 g
Attachment / Accessori	C-type bracket (TU-BC4) staffa a C (TU-BC4)

ENCODING / CODIFICA

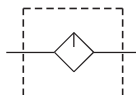
TU - MMF4 - - M

Model Modello	Port size: Connessione: 12 1/2"	Bowl /Tazza: M Metal bowl Tazza di metallo	Drain valve / Valvola di scarico S Semi-auto drain Scarico semiautomatico D Auto drain Scarico automatico	Filter element: Elemento filtrante: 3 0.3 µm 1 0.01 µm
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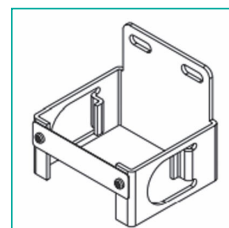
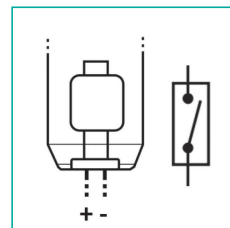
DIMENSIONS / DIMENSIONI



TU - L4

LUBRICATOR
LUBRIFICATORE

Attachment / Accessori

C-type bracket (TU-BC4)
Staffa a C (TU-BC4)Oil level feedback
Sensore livello olioSignal when low oil level
Segnale switch a livello basso

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Port size / Taglia	G 1/2"
Fluid / Fluido	Air / Aria
Max. operating pressure Range massimo di pressione	10 Bar
Proof pressure Pressione di scoppio	15 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (no freezing - no congelamento)
Lubricating oil capacity Capacità tazza olio	200 cc (L)
Min. flow for oil drip Flusso minimo gocciolamento olio	80 L/min
Recommended lubricating oil Olio di lubrificazione consigliato	ISO-VG32
Weight / Peso	410 g
Attachment / Accessori	C-type bracket (TU-BC4) staffa a C (TU-BC4)

ENCODING / CODIFICA

TU - L4 -  -  - 

Model
Modello

Port size:
Connessione:
12 1/2"

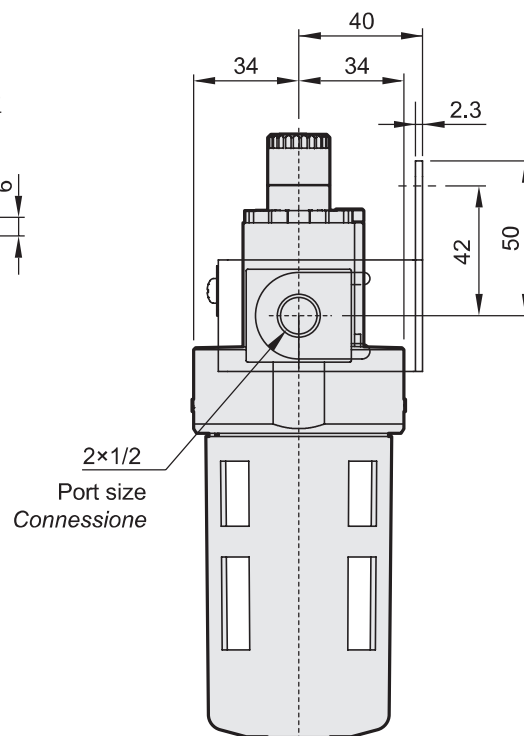
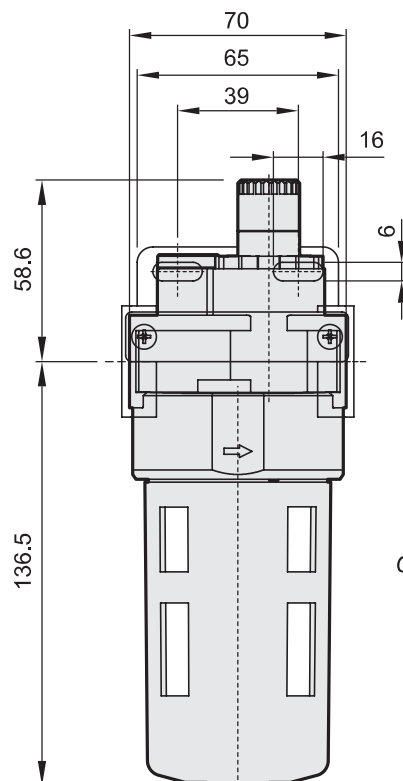
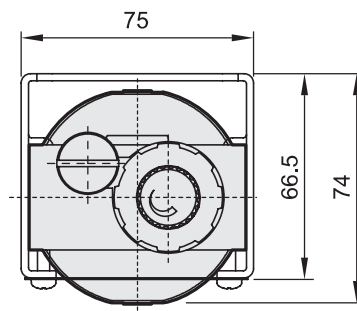
Bowl /Tazza:
P Protection case
Tazza protetta
M Metal bowl
Tazza di metallo

Oil level feedback / Livello olio

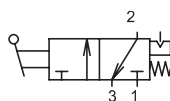
Blank No feedback

LF Feedback for oil level (switch)
Feedback per livello dell'olio

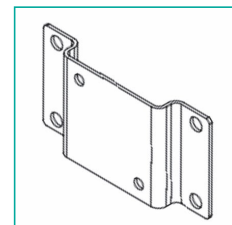
DIMENSIONS / DIMENSIONI



TU - VM4

ON OFF VALVE
VALVOLA ON OFF

Attachment / Accessori

Bracket (TU-BVM)
Staffa (TU-BVM)

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Port size / Taglia	G 1/2"
N° of port / N° di porti	3
N° of position / N° di posizione	2
Fluid / Fluido	Air / Aria
Operating pressure range Range di pressione operativa	0 ~ 10 Bar
Proof pressure Pressione di scoppio	15 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (no freezing - no congelamento)
Attachment / Accessori	Bracket (TU-BVM) Staffa (TU-BVM)
Weight / Peso	311 g

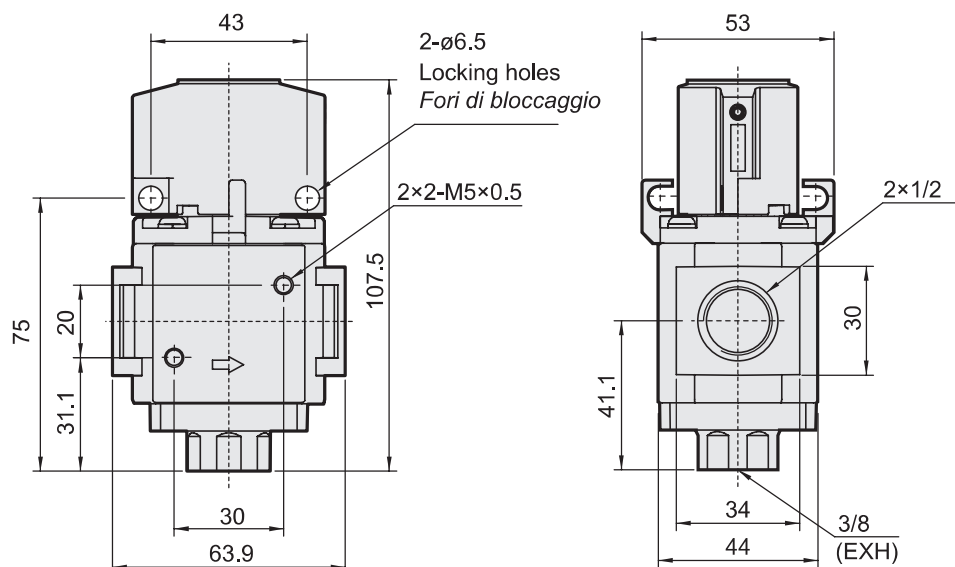
ENCODING / CODIFICA

TU - VM4 - 

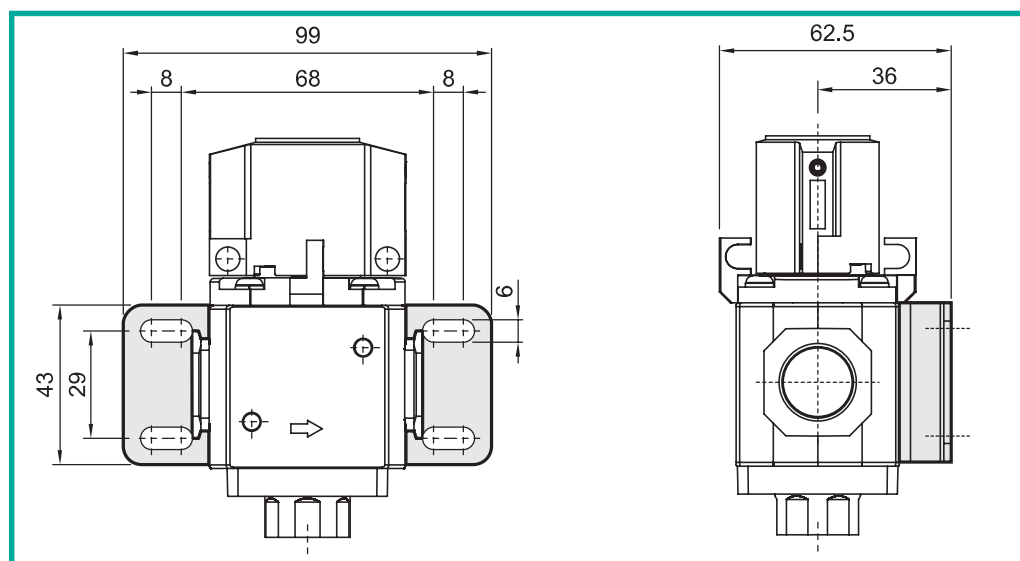
Model
Modello

Port size:
Connessione:
12 1/2"

DIMENSIONS / DIMENSIONI



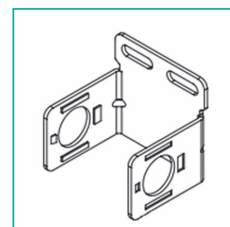
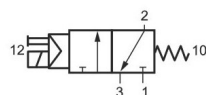
Accessories / Accessori



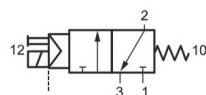
TU - VH4

ON OFF SOLENOID VALVE
ELETTRORVALVOLA ON OFF

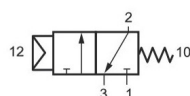
Attachment / Accessori

C-type bracket (TU-BC3)
Staffa a C (TU-BC3)

Standard / Standard



External pilot / Pilotaggio esterno



Pneumatic pilot / Pilotaggio Pneumatico

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Port size / Taglia	G 1/4" G 3/8" G 1/2"
N° of port / N° di porti	3
N° of position / N° di posizione	2
Fluid / Fluido	Air / Aria
Operating pressure range Range di pressione operativa	0 ~ 10 Bar
Proof pressure Pressione di scoppio	15 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (no freezing - no congelamento)
Option / Opzioni	Bracket (TU-BVM) Staffa (TU-BVM)
Weight / Peso	323 g

ENCODING / CODIFICA

TU - VH4 -

Model
Modello

Port size:
Connezione:
12 1/2"

Coil / Bobina:
1 01200
2 02400
3 02450
4 11550
5 23050

Air pilot / Pilotaggio

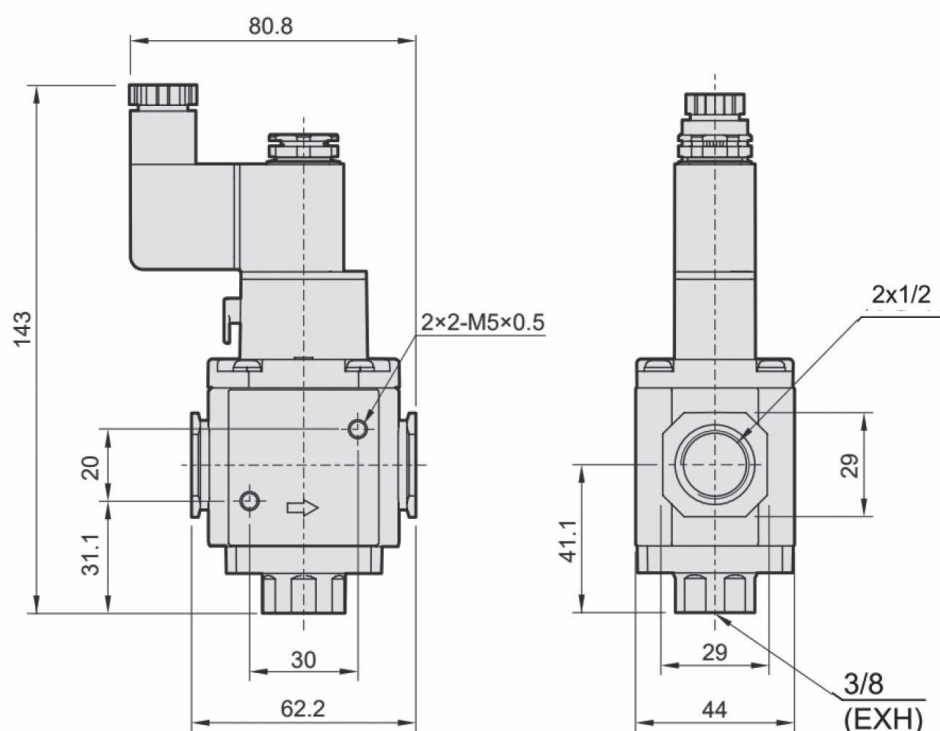
E External pilot / pilotaggio esterno

P Pneumatic pilot / pilotaggio pneumatico

COIL / BOBINA

Code / Codice	Voltage / Tensione
MS01200	12 V DC
MS02400	24 V DC
MS02450	24 V 50/60Hz AC
MS11550	115 V 50/60Hz AC
MS23050	230 V 50/60Hz AC

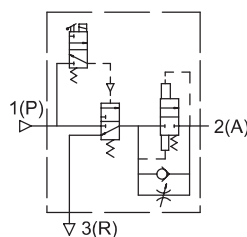
DIMENSIONS / DIMENSIONI



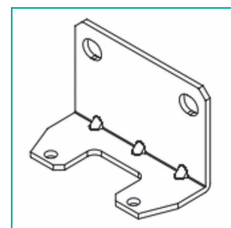
TU - VS4

SLOW START / SHUT-OFF VALVE
VALVOLA DI AVVIAMENTO PROGRESSIVO

FLOW / PORTATA



Attachment / Accessori

L-type bracket (TU-BVS4)
Staffa a L (TU-BVS4)*Pressure gauge to be ordered separately
*Il manometro è da ordinare a parte

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Port size / Taglia	G 1/2"
Fluid / Fluido	Air / Aria
Operating pressure range Range di pressione operativa	2,5 ~ 10 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (no freezing - no congelamento)
Attachment / Accessori	Pressure gauge, L-type bracket (TU-BVS4) Manometro, staffa tipo L (TU-BVS4)
Weight / Peso	800 g

ENCODING / CODIFICA

TU - VS4 - -

Model
Modello

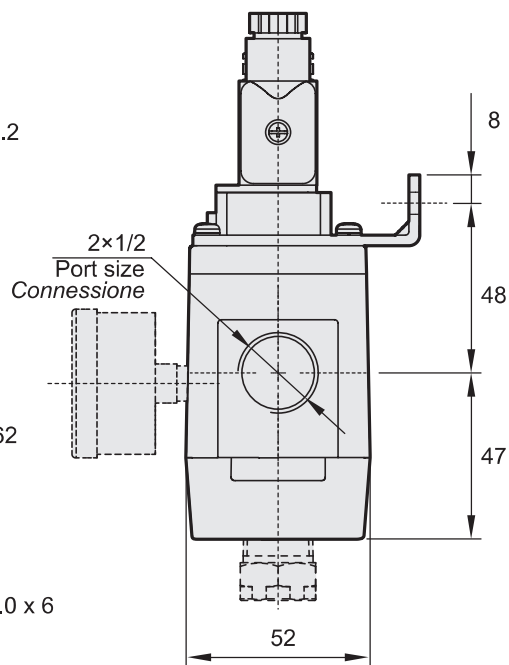
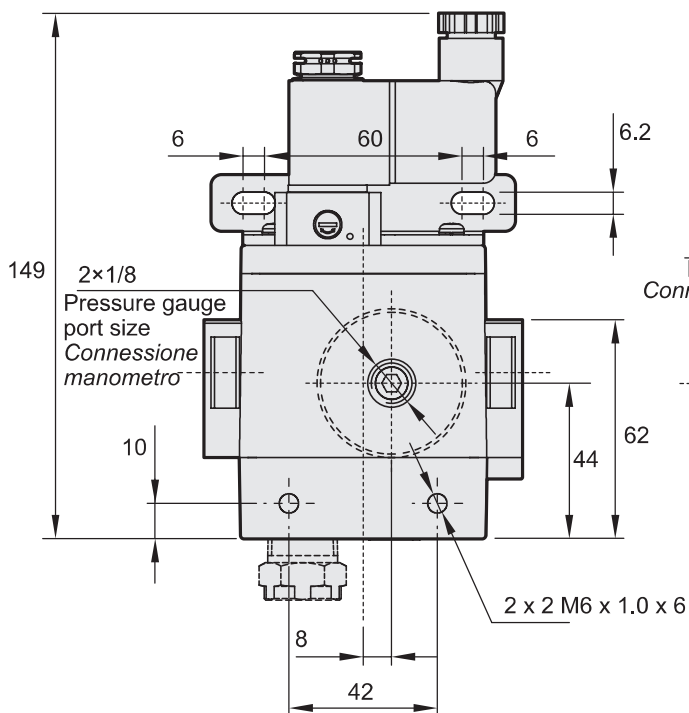
Port size:
Connessione:
12 1/2"

Coil
Bobina:
1 01200
2 02400
3 02450
4 11550
5 23050

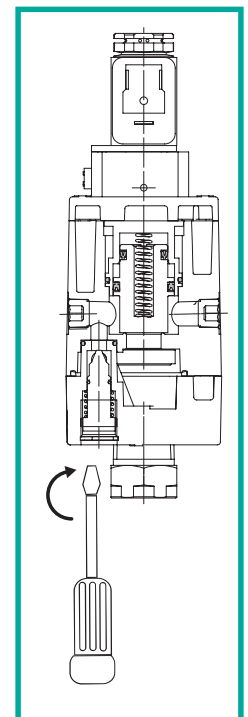
COIL / BOBINA

Code / Codice	Voltage / Tensione
MS01200	12 V DC
MS02400	24 V DC
MS02450	24 V 50/60Hz AC
MS11550	115 V 50/60Hz AC
MS23050	230 V 50/60Hz AC

DIMENSIONS / DIMENSIONI



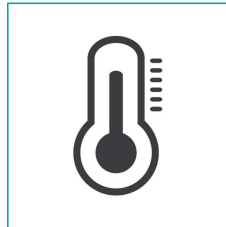
Slow-start regulation
Regolazione avviamento
progressivo



TU - R4H

HIGH PRESSURE REGULATOR (EXTREME TEMPERATURE OPTION)
REGOLATORE ALTA PRESSIONE (OPZIONE TEMPERATURE ESTREME)

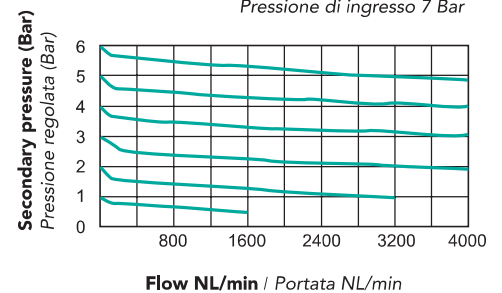

Extreme temp. option
Opzione temp. estreme



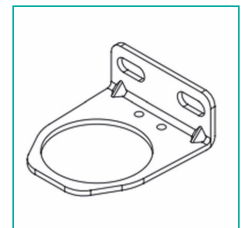
HHT: + 120°C (FKM/Viton)
LLT: - 40°C (PU/HNBR)

FLOW / PORTATA

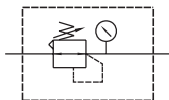
Primary pressure 7 Bar
Pressione di ingresso 7 Bar



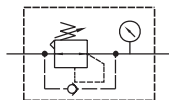
Attachment / Accessori



L-type bracket (TU-BL4)
Staffa a L (TU-BL4)



Standard / standard



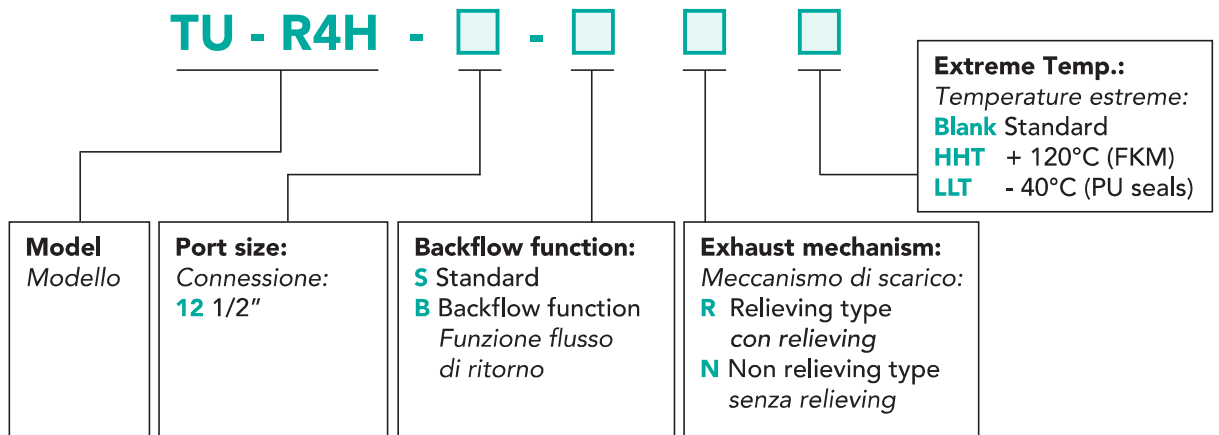
Backflow / flusso di ritorno

*Pressure gauge to be ordered separately
*Il manometro è da ordinare a parte

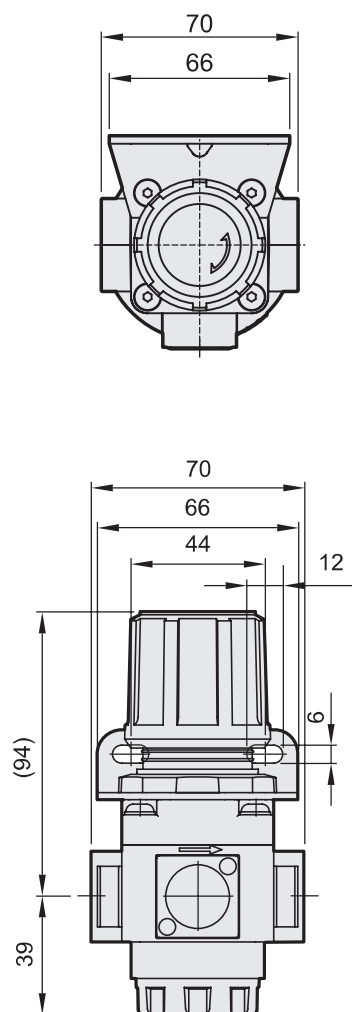
TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Port size / Connessione	G 1/2"
Fluid / Fluido	Air / Aria
Max. operating pressure Range massimo di pressione	15 Bar
Proof pressure Pressione di scoppio	20 Bar
Regulated pressure range Range di regolazione di pressione	1 ~ 15 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (HHT: -5°C ~ +120°C, LLT: -40°C ~ + 60°C)
Attachment / Accessori	Pressure gauge, bracket (TU-BL4) Manometro, staffa (TU-BL4)
Weight / Peso	450 g

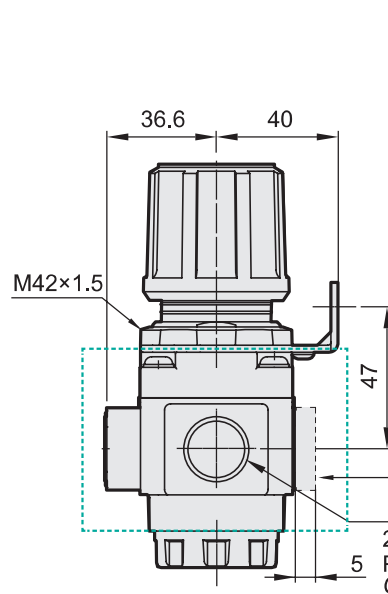
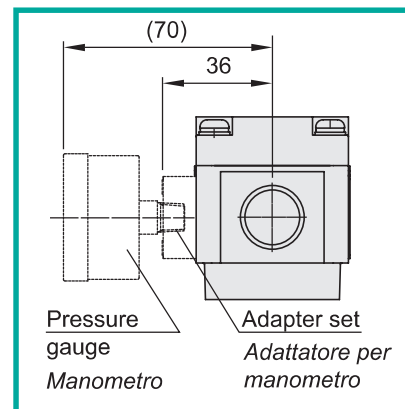
ENCODING / CODIFICA



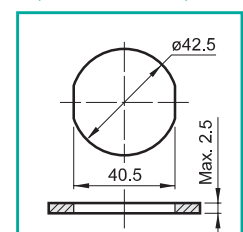
DIMENSIONS / DIMENSIONI



Accessories / Accessori



Panel mounting hole
Foro per montaggio a pannello



Backflow function
Funzione flusso di ritorno

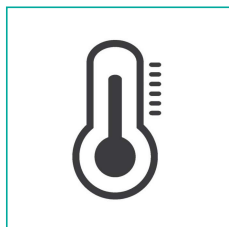
2x1/2
Port size
Connessione

TU - FR4H

HIGH PRESSURE F. + R. UNIT (EXTREME TEMPERATURE OPTION)
F. + R. PER ALTA PRESSIONE (OPZIONE TEMPERATURE ESTREME)



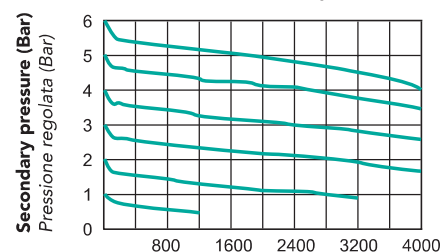
Extreme temp. option
 Opzione temp. estreme



HHT: + 120°C (FKM/Viton)
 LLT: - 40°C (PU/HNBR)

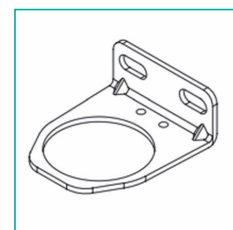
FLOW / PORTATA

Primary pressure 7 Bar
 Pressione di ingresso 7 Bar



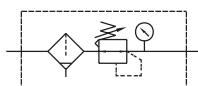
Flow NL/min / Portata NL/min

Attachment / Accessori



L-type bracket (TU-BL4)
 Staffa a L (TU-BL4)

*Pressure gauge to be ordered separately
 *Il manometro è da ordinare a parte

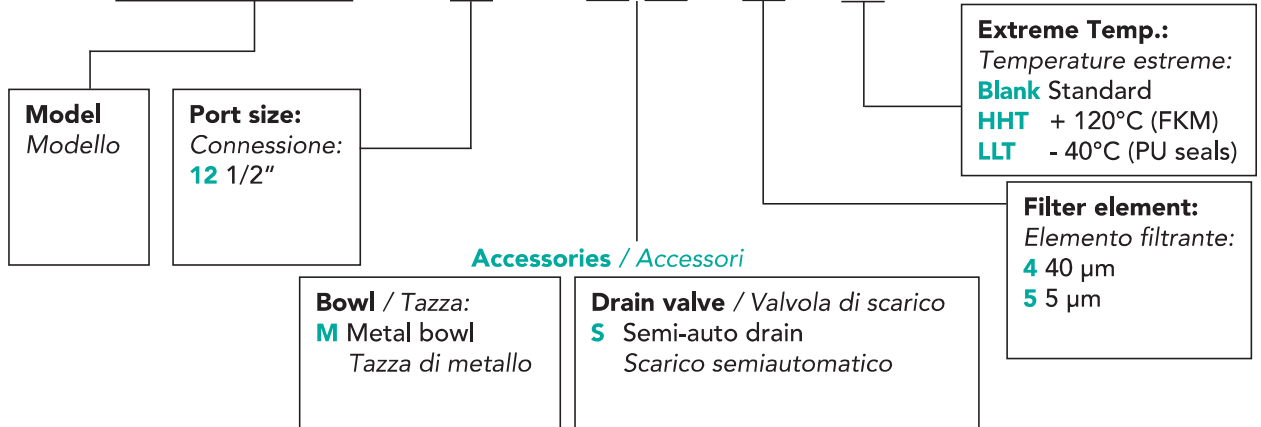


TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Port size / Connessione	G 1/2"
Fluid / Fluido	Air / Aria
Operating pressure range Range di pressione operativa	0,5 ~ 15 Bar
Proof pressure Pressione di scoppio	20 Bar
Regulated pressure range Range di regolazione di pressione	1 ~ 15 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (HHT: -5°C ~ +120°C, LLT: -40°C ~ + 60°C)
Filter element / Elemento filtrante	Standard - Standard: 40 µm Option - Opzione: 5 µm
Drain capacity / Capacità tazza	70 cm³
Attachment / Accessori	Pressure gauge, bracket (TU-BFR4) Manometro, staffa (TU-BFR4)
Weight / Peso	800 g

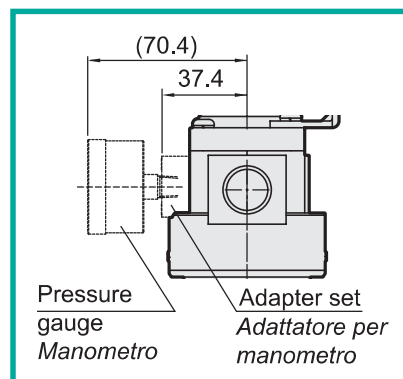
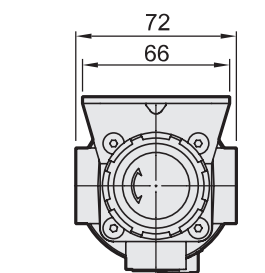
ENCODING / CODIFICA

TU - FR4H - 12 - M

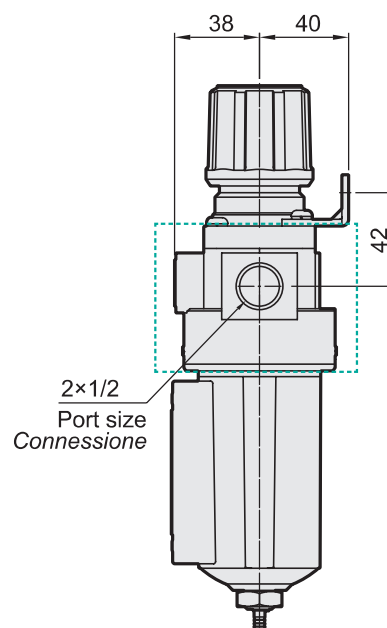
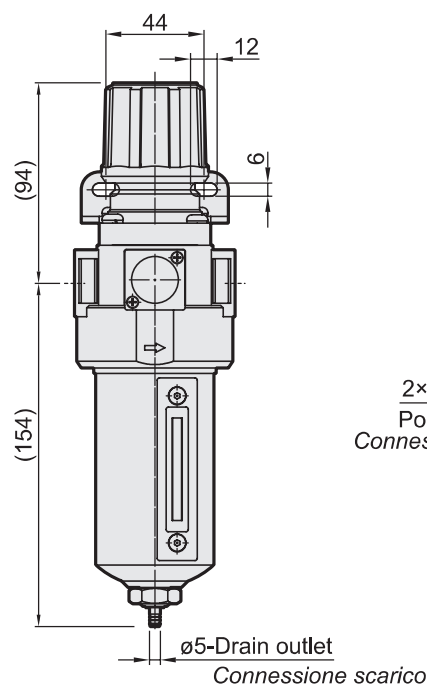
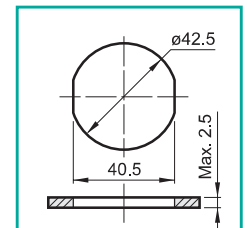


DIMENSIONS / DIMENSIONI

Accessories / Accessori



Panel mounting hole
Foro per montaggio a pannello

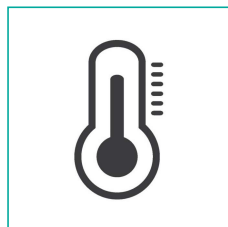


TU - FRL4H

HIGH PRESSURE F.R.L. UNIT (EXTREME TEMPERATURE OPTION) F.R.L. PER ALTA PRESSIONE (OPZIONE TEMPERATURE ESTREME)

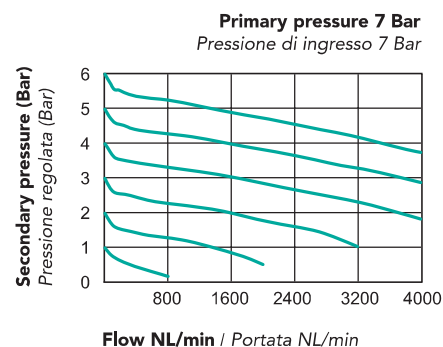


Extreme temp. option
Opzione temp. estreme

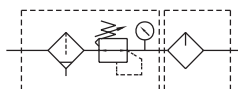


HHT: + 120°C (FKM/Viton)
LLT: - 40°C (PU/HNBR)

FLOW / PORTATA



*Pressure gauge to be ordered separately
*Il manometro è da ordinare a parte

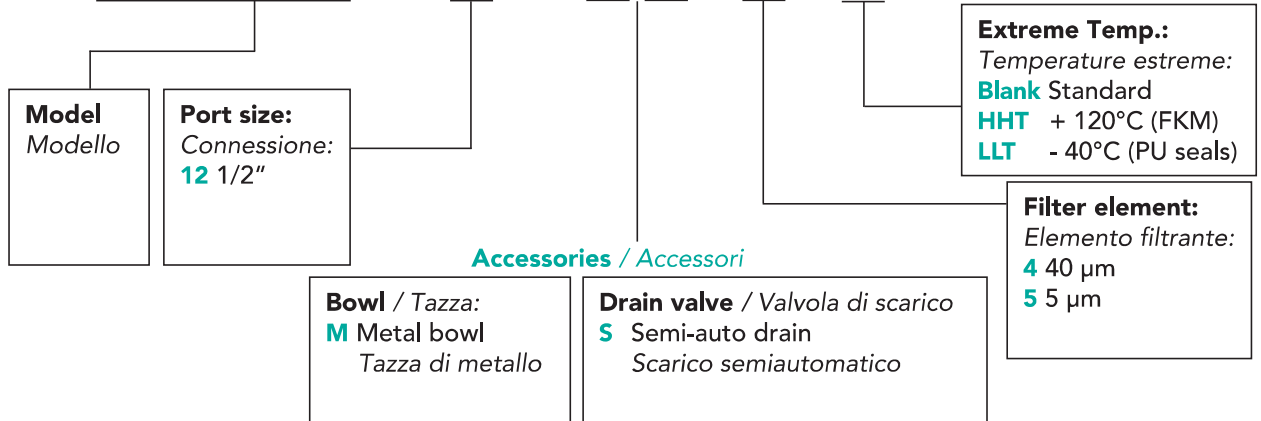


TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

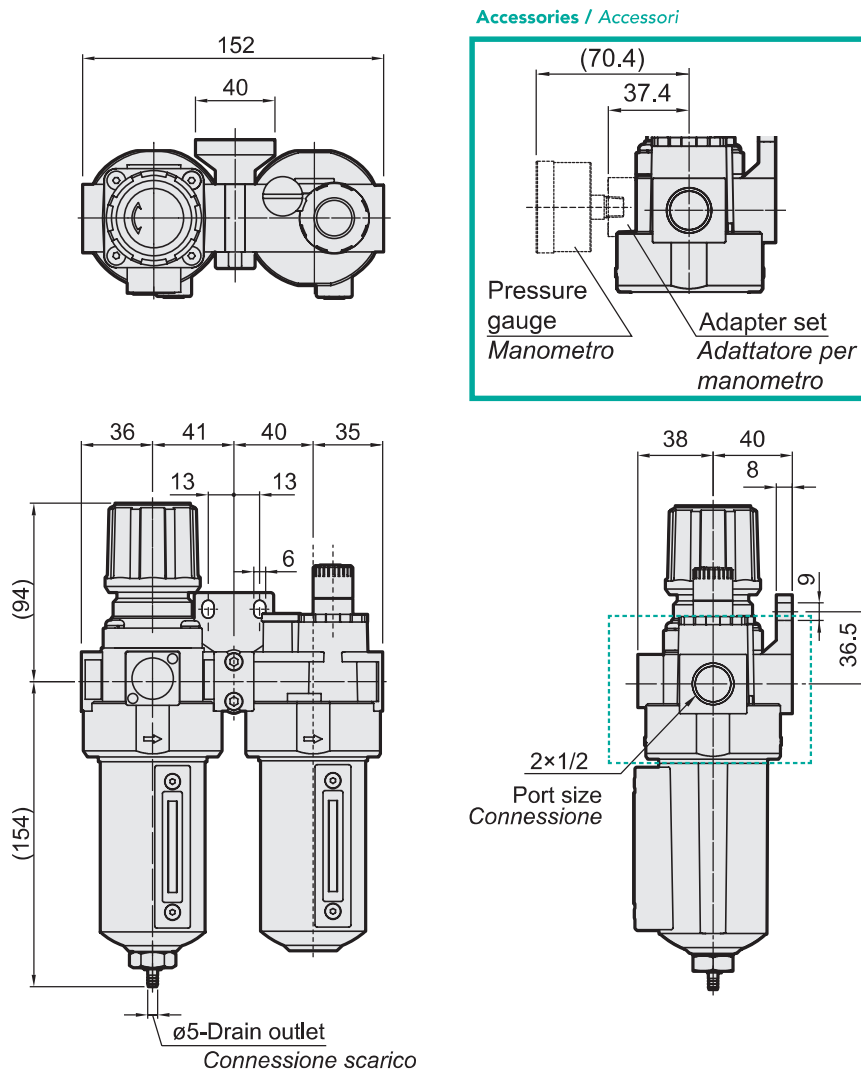
Port size / Connessione	G 1/2"
Fluid / Fluido	Air / Aria
Operating pressure range Range di pressione operativa	0,5 ~ 15 Bar
Proof pressure Pressione di scoppio	20 Bar
Regulated pressure range Range di regolazione di pressione	1 ~ 15 Bar
Ambient temperature Temperatura ambiente	- 5 ~ +60°C (HHT: -5°C ~ +120°C, LLT: -40°C ~ + 60°C)
Filter element / Elemento filtrante	Standard - Standard: 40 µm Option - Opzione: 5 µm
Lubricating oil capacity / Capacità tazza olio	200 c.c.
Min. flow for oil drip Flusso minimo gocciolamento olio	80 L/min
Recommended lubricating oil Olio di lubrificazione consigliato	ISO-VG32
Attachment / Accessori	Pressure gauge Manometro
Weight / Peso	1518 g

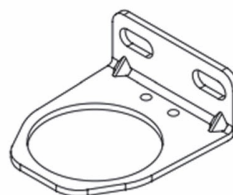
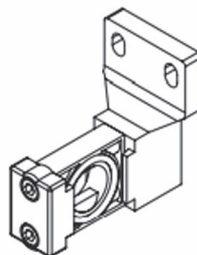
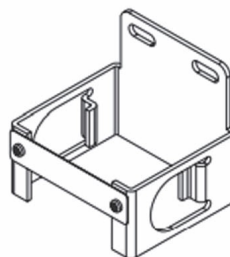
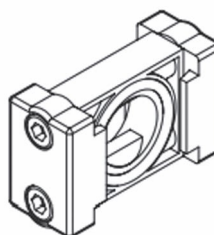
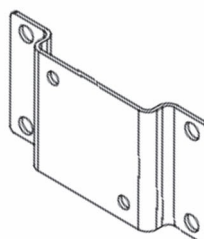
ENCODING / CODIFICA

TU - FRL4H - 12 - M



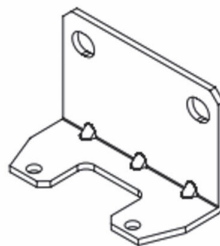
DIMENSIONS / DIMENSIONI



TU - BL4

L Bracket
Staffa a L
TU - BT4

T Bracket and joiner
Staffa a T a giunzione
TU - BC4

C Bracket for F, MMF and L units
Staffa a C per unità F, MMF e L
TU - BS4

Joiner unit
Giunzione
TU - BVM

Bracket for TU VM 4
Staffa per TU VM 4

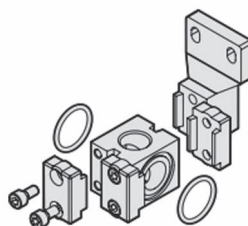
TU - BVS4

Bracket fot TU VS 4
Staffa per TU VS 4



TU - T4 - 12

Module mounting bracket
Blocchetto di derivazione

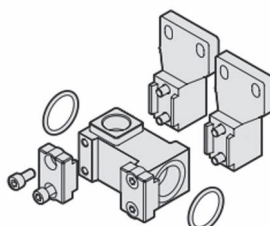


TU - TC4

End connection male G 1/2"
Connessione finale maschio G 1/2"

TU - K4 - 38

Module bracket with check valve
*Blocchetto di derivazione
con valvola di non ritorno*



TU - TC4

End connection male G 1/2"
Connessione finale maschio G 1/2"

TU - FE4

40 micron filter
Filtro 40 micron



TU - FX4

5 micron filter
Filtro 5 micron

