

CHARACTERISTICS

Ambient temperature	-5 ÷ 60 °C
Fluid	filtered compressed air, with or without lubrication
Working pressure	10 bar (pressure regulator 15 bar)
Max pressure	15 bar (pressure regulation 20 bar)
Body	die-cast aluminium (painted)
Knob	tecnopolymer
Ring nut	zinc-plated steel
Bowl	polycarbonate
Bowl guard	tecnopolymer
Filter element	polyethylene
Seals	NBR
Springs	steel
Diaphragm	fabric reinforced rubber



CODIFICATION KEY

H	Z	E	3	B	2	5	G	
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1	2	3	4	5
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1 Series	2 Size	3 Model	4 Thread
HZE = Air treatment units with standard manual/semi-automatic drain	3 = G1	F = Filter R = Regulator L = Lubricator B = Filter regulator (FR) D = Filter regulator + Lubricator (FR+L) C = Filter + Regulator + Lubricator (F+R+L)	25G = G1

5 Option
A = Automatic drain S = Manual/semi-automatic drain (standard supplied)
Excluding regulator (R) and lubricator (L)

Filter



Part No.	HZE3F25GS
Connections	G1
Filtration rate (µm)	40
Nominal flow rate (NI/min) ^(A)	10000
Max inlet pressure (bar-MPa-psi)	10-1-145
Working pressure (bar) with manual/semi-automatic drain	0,5-10
Working pressure (bar) with automatic drain	1,5-10
Fluid	compressed air
Temperature (°C)	-5 ÷ 60
Condensation drain capacity (cm ³)	75
Condensation drain ^(B)	manual/semi-automatic
Weight (g)	1180
Mounting position	vertical

(A) = Inlet pressure 7 bar - Δp 0,5 bar
(B) = manual drain with semi-automatic function at < 0,5 bar pressure

Regulator

Part No.	HZE3R25G
Connections	G1
Nominal flow rate (NI/min)^(A)	10000
Max inlet pressure (bar-MPa-psi)	15 - 1,5 - 217
Pressure adjustment - relieving version (bar)	0,5 ÷ 8,5
Pressure gauge adaptor	G1/8
Fluid	filtered air
Temperature (°C)	-5 ÷ 60
Weight (g)	1460
Mounting position	any

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 1 bar
 HZE3Z310R L bracket standard supplied, ring nut for panel not included

Other available versions

- Regulator with integrated digital pressure switch size 3



Part No.
HZE3R25GQ
HZE3R25GT with M8 connector

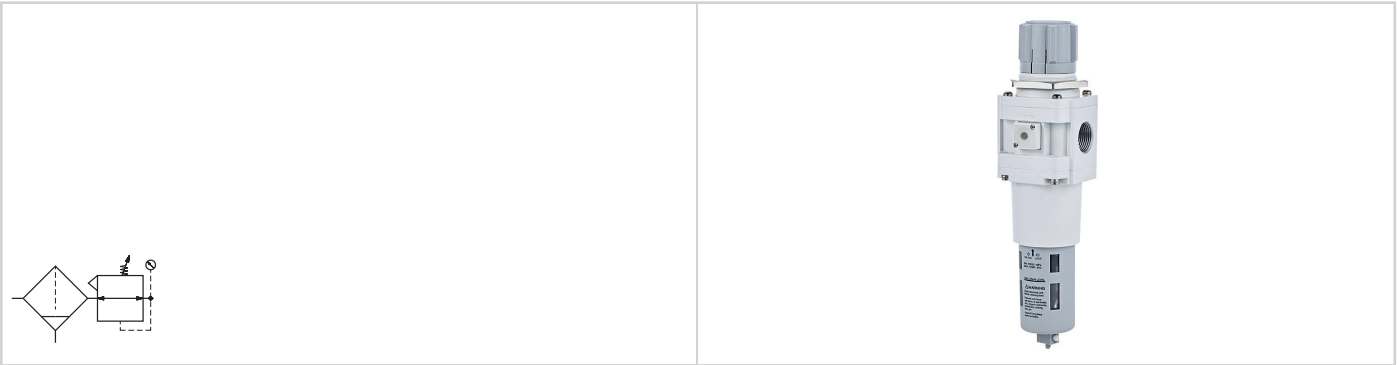
Lubricator

Part No.	HZE3L25G
Connections	G1
Nominal flow rate (NI/min)^(A)	10000
Max inlet pressure (bar-MPa-psi)	10-1-145
Working pressure (bar)	0,5-10
Fluid	filtered air
Temperature (°C)	-5 ÷ 60
Bowl capacity (cm³)	200
Weight (g)	1260
Mounting position	vertical
Recommended oil	ISO VG 32
Min. working flow rate (NI/min)	33

(A) = Inlet pressure 7 bar - Δp 0,2 bar

Filter regulator

4



Part No.	HZE3B25GS
Connections	G1
Filtration rate (µm)	40
Nominal flow rate (NI/min) ^(A)	10000
Max inlet pressure (bar-MPa-psi)	10-1-145
Working pressure (bar) with manual/semi-automatic drain	0,5-10
Working pressure (bar) with automatic drain	1,5-10
Pressure adjustment - relieving version (bar)	0,5 ÷ 8,5
Pressure gauge adaptor	G1/8
Fluid	compressed air
Temperature (°C)	-5 ÷ 60
Condensation drain capacity (cm ³)	75
Drain capacity ^(B)	manual/semi-automatic
Weight (g)	1940
Mounting position	vertical

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 2 bar
 (B) = manual drain with semi-automatic function at < 0,5 bar pressure
 HZE3Z310R L bracket standard supplied, ring nut for panel not included

Other available versions

- Filter regulator with integrated digital pressure switch size 3



Part No.
HZE3B25GSQ
HZE3B25GST with M8 connector

Filter regulator + Lubricator



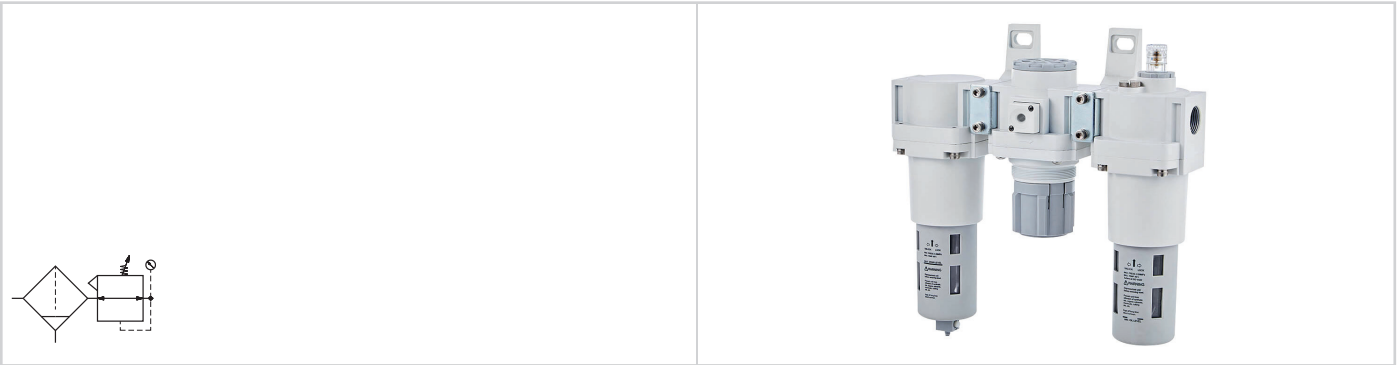
Part No.	HZE3D25GS
Connections	G1
Filtration rate (µm)	40
Nominal flow rate (NI/min) ^(A)	10000
Max inlet pressure (bar-MPa-psi)	10-1-145
Working pressure (bar) with manual/semi-automatic drain	0,5-10
Working pressure (bar) with automatic drain	1,5-10
Pressure adjustment - relieving version (bar)	0,5 ÷ 8,5
Pressure gauge adaptor	G1/8
Fluid	compressed air
Temperature (°C)	-5 ÷ 60
Condensation drain capacity (cm ³)	75
Bowl capacity (cm ³)	200
Drain capacity ^(B)	manual/semi-automatic
Weight (g)	3480
Mounting position	vertical
Recommended oil	ISO VG 32
Min. working flow rate (NI/min)	33

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 2 bar

(B) = manual drain with semi-automatic function at < 0,5 bar pressure

Filter + Regulator + Lubricator

4



Part No.	HZE3C25GS
Connections	G1
Filtration rate (µm)	40
Nominal flow rate (NI/min)^(A)	10000
Max inlet pressure (bar-MPa-psi)	10-1-145
Pressure adjustment - relieving version (bar)	0,5 ÷ 8,5
Working pressure (bar) with manual/semi-automatic drain	0,5-10
Working pressure (bar) with automatic drain	1,5-10
Pressure gauge adaptor	G1/8
Fluid	compressed air
Temperature (°C)	-5 ÷ 60
Condensation drain capacity (cm³)	75
Bowl capacity (cm³)	200
Drain capacity^(B)	manual/semi-automatic
Weight (g)	4200
Mounting position	vertical
Recommended oil	ISO VG 32
Min. working flow rate (NI/min)	33

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 1 bar
 (B) = manual drain with semi-automatic function at < 0,5 bar pressure

Diverter Block



Size	3
Part No.	HZE3N
Connections	Auxiliary G1/2
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145
Fluid	compressed air

HZE3Z200	HZE3Z210	HZE3Z310R	HZE3Z310F	HZE7Z490
Assembly kit Size 3 HZE3Z200	T-bracket assembly kit Size 3 HZE3Z210	L-bracket (standard supplied for regulator and filter regulator) Size 3 HZE3Z310R	L-bracket (for filter and lubricator) Size 3 HZE3Z310F	Threaded adaptor for pressure gauge Size 3 G1/4 HZE7Z490 Screw torque: Max 0,6 Nm

Filter regulator accessories

HZE3Z600SS	HZE3Z600SA	HZE3Z664
Bowl with semi-automatic drain Size 3 HZE3Z600SS	Bowl with automatic drain Size 3 HZE3Z600SA	Filter element 40 µm Size 3 HZE3Z664

Regulator and filter regulator accessories

HZE3Z602	HZE3Z658	HZE3Z603	HZE3Z610
Knob Size 3 HZE3Z602	Regulator spring Size 3 HZE3Z658 Pressure adjustment 0,5 ÷ 8,5	Ring nut for panel Size 3 HZE3Z603	Diaphragm kit Size 3 HZE3Z610 with relieving

Lubricator accessories

HZE3Z601	HZE3Z470
Standard bowl Size 3 HZE3Z601	Lubricator transparent dome Size 3 HZE3Z470

- HZ9N
- HZ9NP50
- HZ9N12



See **ACCESSORIES** chapter