

CHARACTERISTICS

Ambient temperature	0 ÷ +60 °C
Fluid	filtered air, with or without lubrication
Working pressure	10 bar
Max pressure	15 bar
Size	0 - 1 - 2
Body	tecnopolymer with metal threaded elements (size 0) die-cast aluminium (size 1 - 2)
Knob	tecnopolymer
Ring nut	tecnopolymer
Bowl	polycarbonate
Bowl guard	tecnopolymer (size 1-2)
Filter element	polyethylene
Seals	NBR
Springs	steel
Diaphragm	fabric reinforced rubber

For round gauge mounting (HZ9P):

Size 0 = Replace **HZ9464G** gauge with **HZE7Z480** square adaptor G1/8, to be ordered separately

Size 1-2 = Replace **HZ9464G** gauge with **HZE7Z480** square adaptor G1/8 placed on the rear side of the regulator or filter regulator

CODIFICATION KEY

H	Z	E	0	B	0	8	G		M
1	2	3	4	5	6				

1 Series	2 Size	3 Model
HZE = Air treatment units with standard manual drain	0 = Small (G1/4) 1 = Medium (G3/8 - G1/2) 2 = Large (G1/2)	F = Filter R = Regulator L = Lubricator B = Filter regulator D = Filter regulator+Lubricator (FR+L) C = Filter+Regulator+Lubricator (F+R+L)
4 Thread	5 Option	6 Pressure gauge
08G = G1/4 (size 0) 10G = G3/8(size 1) 15G = G1/2 (size 1-2) 20G = G3/4 (size 2) * 25G = G1 (size 2) *	A = Automatic drain (except for size 0) S = Semi-automatic drain	M = Integrated square pressure gauge (standard supplied) Square adaptor G1/8 upon request

* = with threaded ends

Filter

Size	0	1	2
Part No.	HZE0F08G	HZE1F10G	HZE1F15G
Connections	G1/4	G3/8	G1/2
Filtration rate (µm)	5	5	5
Nominal flow rate (NI/min) ^(A)	1100	3500	6500
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145	10 - 1 - 145
Condensation drain capacity (cm ³)	12	45	80
Condensation drain	manual	manual	manual

(A) = Inlet pressure 7 bar, Δp 0,5 bar



Regulator



Size	0	1		2
Part No.	HZE0R08GM	HZE1R10GM	HZE1R15GM	HZE2R15GM
Connections	G1/4	G3/8	G1/2	G1/2
Nominal flow rate (NI/min) ^(A)	1000	2100		4300
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145		10 - 1 - 145
Pressure adjustment-relieving version (bar)	0,5 ÷ 8,5	0,5 ÷ 8,5		0,5 ÷ 8,5
Pressure gauge (standard supplied)	HZ9464G	HZ9464G		HZ9464G
Pressure gauge adaptor	G1/8 ^(B)	G1/8 ^(C)		G1/8 ^(C)

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 1 bar

(B) = Upon request (replace HZ9464G gauge with HZE7Z480 square adaptor G1/8, to be ordered separately)

(C) = Standard supplied (replace HZ9464G gauge with HZE7Z480 square adaptor G1/8 placed on the rear side)

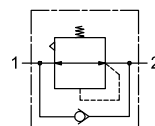
Other available versions

■ Without manometer size 0

■ Lockable knob size 1-2

■ Check valve size 0-1-2

The check valve inside the regulator allows to relieve downstream pressure in a quick and effective way.



Size	Part No.
0	HZE0R08G

Size	Part No.
1	HZE1RL10GM - HZE1RL15GM
2	HZE2RL15GM

Lock not included

Size	Part No.
0	HZE0R08GMV
1	HZE1R10GMV-HZE1R15GMV
2	HZE2R15GMV

Lubricator



Size	0	1		2
Part No.	HZE0L08G	HZE1L10G	HZE1L15G	HZE2L15G
Connections	G1/4	G3/8	G1/2	G1/2
Nominal flow rate (NI/min) ^(A)	1400	4400		7000
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145		10 - 1 - 145
Bowl capacity (cm ³)	20	85		170
Recommended oil	ISO VG 32	ISO VG 32		ISO VG 32
Min. working flow rate (NI/min)	25	30		65

(A) = Inlet pressure 7 bar - Δp 0,5 bar

Filter regulator



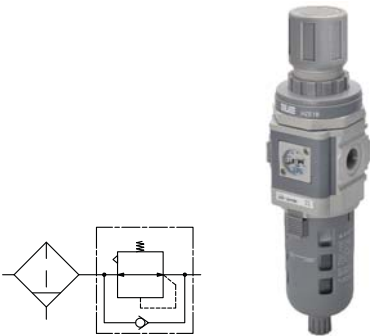
Size	0	1		2
Part No.	HZE0B08GM	HZE1B10GM	HZE1B15GM	HZE2B15GM
Connections	G1/4	G3/8	G1/2	G1/2
Filtration rate (µm)	5	5		5
Nominal flow rate (NI/min) ^(A)	600	2300		4500
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145		10 - 1 - 145
Pressure adjustment - relieving version (bar)	0,5 ÷ 8,5	0,5 ÷ 8,5		0,5 ÷ 8,5
Pressure gauge (standard supplied)	HZ9464G	HZ9464G		HZ9464G
Pressure gauge adaptor	G1/8 ^(B)	G1/8 ^(C)		G1/8 ^(C)
Condensation drain capacity (cm ³)	12	45		80
Condensation drain	manual	manual		manual

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 1 bar
 (B) = Upon request (replace **HZ9464G** gauge with **HZE7Z480** square adaptor G1/8, to be ordered separately)
 (C) = Standard supplied (replace **HZ9464G** gauge with **HZE7Z480** square adaptor G1/8 placed on the rear side)

Other available versions

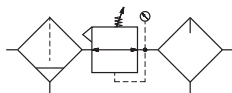
■ **Check valve size 0-1-2**

The check valve inside the filter regulator allows to relieve downstream pressure in a quick and effective way.



Size	Part No.
0	HZE0B08GMV
1	HZE1B10GMV-HZE1B15GMV
2	HZE2B15GMV

Filter regulator + Lubricator



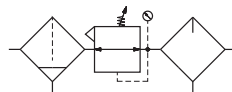
Size	0	1		2
Part No.	HZE0D08GM	HZE1D10GM	HZE1D15GM	HZE2D15GM
Connections	G1/4	G3/8	G1/2	G1/2
Filtration rate (µm)	5	5		5
Nominal flow rate (NI/min) ^(A)	600	2800		4300
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145		10 - 1 - 145
Fluid	compressed air	compressed air		compressed air
Pressure adjustment - relieving version (bar)	0,5 ÷ 8,5	0,5 ÷ 8,5		0,5 ÷ 8,5
Pressure gauge (standard supplied)	HZ9464G	HZ9464G		HZ9464G
Pressure gauge adaptor	G1/8 ^(B)	G1/8 ^(C)		G1/8 ^(C)
Condensation drain capacity (cm ³)	12	45		80
Condensation drain	manual	manual		manual
Recommended oil	ISO VG 32	ISO VG 32		ISO VG 32
Min. working flow rate (NI/min)	25	30		65

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 1 bar

(B) = Upon request (replace HZ9464G gauge with HZE7Z480 square adaptor G1/8, to be ordered separately)

(C) = Standard supplied (replace HZ9464G gauge with HZE7Z480 square adaptor G1/8 placed on the rear side)

Filter + Regulator + Lubricator



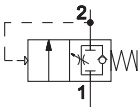


Size	0	1		2
Part No.	HZE0C08GM	HZE1C10GM	HZE1C15GM	HZE2C15GM
Connections	G1/4	G3/8	G1/2	G1/2
Filtration rate (µm)	5	5		5
Nominal flow rate (NI/min) ^(A)	550	1700		2500
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145		10 - 1 - 145
Fluid	compressed air	compressed air		compressed air
Pressure adjustment - relieving version (bar)	0,5 ÷ 8,5	0,5 ÷ 8,5		0,5 ÷ 8,5
Pressure gauge (standard supplied)	HZ9464G	HZ9464G		HZ9464G
Pressure gauge adaptor	G1/8 ^(B)	G1/8 ^(C)		G1/8 ^(C)
Condensation drain capacity (cm ³)	12	45		80
Condensation drain	manual	manual		manual
Recommended oil	ISO VG 32	ISO VG 32		ISO VG 32
Min. working flow rate (NI/min)	25	30		65

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 1 bar

(B) = Upon request (replace HZ9464G gauge with HZE7Z480 square adaptor G1/8, to be ordered separately)

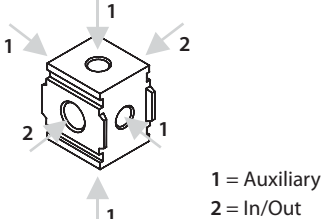


(C) = Standard supplied (replace HZ9464G gauge with HZE7Z480 square adaptor G1/8 placed on the rear side)

Gradual Starter

		
Size	0	1
Part No.	HZE0Y08G	HZE1Y10G HZE1Y15G
Connections	G1/4	G3/8 G1/2
Nominal flow rate (NI/min) ^(A)	900	2200
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145
Min. pressure (bar)	2	3,5
Fluid	compressed air	compressed air

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 1 bar

Diverter Block

		
Size	0	1
Part No.	HZE0N08G	HZE1N10G HZE1N15G
Connections	In/Out G1/4 Auxiliary G1/8	In/Out G3/8 In/Out G1/2 Auxiliary G1/4
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145
Fluid	compressed air	compressed air

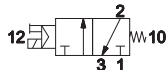
Use blanking plugs to close unused ways (not included)

Lockable Valve

		
Size	0	1
Part No.	HZE0P08G	HZE1P10G HZE1P15G
Connections	G1/4	G3/8 G1/2
Nominal flow rate (NI/min) ^(A)	900	5000
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145
Fluid	compressed air	compressed air

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 1 bar

Shut-off valve



Size	0	1	
Part No.	HZE0S08G	HZE1S10G	HZE1S15G
Connections	G1/4	G3/8	G1/2
Nominal flow rate (NI/min) ^(A)	900	2800	
Max inlet pressure (bar-MPa-psi)	10 - 1 - 145	10 - 1 - 145	
Min. pressure (bar-MPa-psi)	2 - 0,16 - 23	2 - 0,2 - 29	
Fluid	compressed air	compressed air	
Commutation system	poppet	poppet	
Ways/Positions	3/2 NC	3/2 NC	
Control	indirect electropneumatic	indirect electropneumatic	
Nominal diameter (mm)	8	10	
Electropilot	U1 AA series	U1 AA series	
Coil	DA/DC	DA/DC	
Manual Override	two-position screw	two-position screw	

(A) = Inlet pressure 7 bar, outlet pressure 5 bar - Δp 1 bar

Coils



■ U1

DA-0050 12 V DC
DA-0051 24 V DC
DA-0106 24 V AC/50-60 Hz
DA-0108 110 V AC/50-60 Hz
DA-0124 230 V AC/50-60 Hz



■ U3

DC-0301 12 V DC
DC-0302 24 V DC
DC-0307 24 V AC/50-60 Hz
DC-0309 110 V AC/50-60 Hz
DC-0310 230 V AC/50-60 Hz

Other available versions

■ Size 0 U05



■ Size 1 U05



■ Size 1 U3 CNOMO



HZE0/1Z200



Assembly kit
Size 0 HZE0Z200
Size 1-2 HZE1Z200

HZE0/1/2Z210



T-bracket assembly kit
Size 0 HZE0Z210
Size 1 HZE1Z210
Size 2 HZE2Z210

HZE0/1/2Z300



C-bracket
Size 0 HZE0Z300
Size 1 HZE1Z300
Size 2 HZE2Z300

HZE0/1/2Z310



Regulator L-bracket
Size 0 HZE0Z310
Size 1 HZE1Z310
Size 2 HZE2Z310

HZE7Z480/90



Threaded adaptor for pressure gauge
Size 0-1-2
G1/8 HZE7Z480
G1/4 HZE7Z490
Screw torque:
Max 0,6 Nm

HZE2Z500/501



Threaded ends
Size 2
G3/4 HZE2Z500
G1 HZE2Z501

Filter and filter regulator accessories

HZE0/1/2Z600



Standard bowl with manual drain
Size 0 HZE0Z600
Size 1 HZE1Z600
Size 2 HZE2Z600

HZE0/1/2Z600SS



Bowl with semi-automatic drain
Size 1 HZE1Z600SS
Size 2 HZE2Z600SS

HZE7Z400



Automatic drain
Size 1-2 HZE7Z400

HZE0/1Z401



Semi-automatic drain
Size 0 HZE0Z401
Size 1-2 HZE1Z401

HZE0/1Z402



Manual drain
Size 0 HZE0Z402
Size 1-2 HZE1Z402

HZE0/1/2Z660



Filter elements 5 µm
Size 0 HZE0Z660
Size 1 HZE1Z660
Size 2 HZE2Z660

HZE1/2Z670



Coalescing filter 0,3 µm
Size 1 HZE1Z670
Size 2 HZE2Z670

Other filter elements upon request

Regulator and filter regulator accessories

HZE0/1/2Z602



Knob
Size 0 HZE0Z602
Size 1 HZE1Z602
Size 2 HZE2Z602

HZE1/2Z652/4/8



Regulator spring
Size 1 Pressure adjustment
HZE1Z652 0,5 ÷ 1,7
HZE1Z654 0,5 ÷ 3,5
HZE1Z658 0,5 ÷ 8,5
Size 2
HZE2Z652 0,5 ÷ 1,7
HZE2Z654 0,5 ÷ 3,5
HZE2Z658 0,5 ÷ 8,5

HZE0/1/2Z603



Ring nut for panel
Size 0 HZE0Z603
Size 1 HZE1Z603
Size 2 HZE2Z603

HZE0/1/2Z610/1



Diaphragm kit
Size 0 HZE0Z610 relieving
HZE0Z611 non-relieving
Size 1 HZE1Z610 relieving
HZE1Z611 non-relieving
Size 2 HZE2Z610 relieving
HZE2Z611 non-relieving

Lubricator accessories

HZE0/1/2Z601



Standard bowl
Size 0 HZE0Z601
Size 1 HZE1Z601
Size 2 HZE2Z601

HZE7Z470



Lubricator transparent dome
Size 0-1-2 HZE7Z470