

HZE

Air treatment units

New series available in 3 sizes

- HZE0 - G1/4" (40 mm)
- HZE1 - G3/8" (63 mm)
- HZE2 - G1/2" (80 mm)

Standard configurations

- Filter
- Regulator
- Lubricator
- Filter regulator (FR)
- Filter regulator + Lubricator (FR+L)
- Filter + Regulator + Lubricator (F+R+L)

Integrated square pressure gauge standard supplied (where foreseen)



TECHNICAL CHARACTERISTICS

Ambient temperature	5 ÷ 60 °C
Fluid	compressed air, with or without lubrication
Working pressure	0 ÷ 10 bar
Max pressure	12 bar
Size	0 - 1 - 2

CONSTRUCTIVE CHARACTERISTICS

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	synthetic fibre
Seals	nitrile rubber
Springs	steel
Diaphragm	fabric reinforced rubber

CODIFICATION KEY

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

1 Series	2 Size	3 Model
HZE	0 = small (G1/4") 1 = medium (G3/8" - G1/2") 2 = large (G1/2")	B = Filter regulator C = Filter+Regulator+Lubricator (F+R+L) D = Filter regulator+Lubricator (FR+L) F = Filter L = Lubricator R = Regulator

4 Port	5 Pressure gauge	6 Filtration
08G = G1/4" (tg.0) 10G = G3/8" (tg.1) 15G = G1/2" (tg.1 - 2)	blank = port G1/8 (upon request only for size 0) M = integrated square pressure gauge (standard)	blank = 5 micron (standard) su richiesta = other filtration ratings

Size 0: G1/8 thread optional (code HZE7Z480)

Size 1 - 2: G1/8 square adaptor included for round pressure gauge mounting

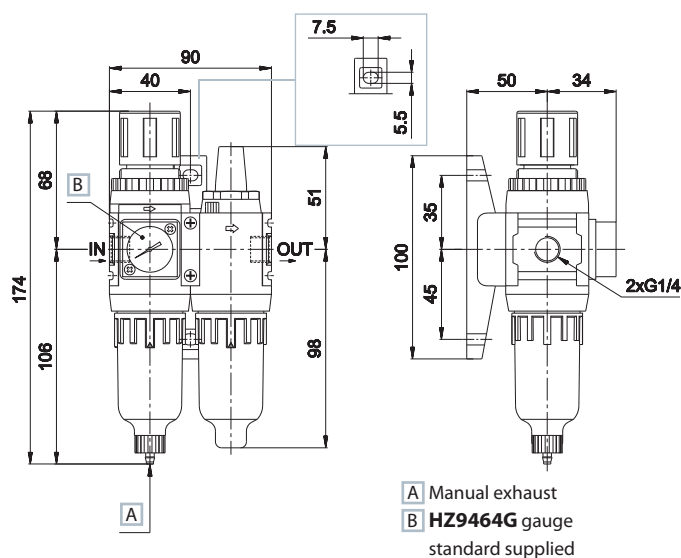
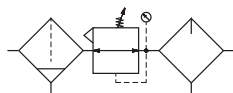
size	0	1	2
Part no.	HZE0D08GM	HZE1D10GM	HZE2D15GM
Threaded port	G1/4	G3/8	G1/2
Filtration rating (µm)	5	5	5
Flow l/min (A)	600	2800	4300
Max inlet pressure (bar-MPa-psi)	10-1-145	10-1-145	10-1-145
Pressure adjustment by relieving (bar)	0,5 ÷ 8,5	0,5 ÷ 8,5	0,5 ÷ 8,5
Pressure gauge (standard supplied)	HZ9464G	HZ9464G	HZ9464G
Pressure gauge port	G1/8(B)	G1/8(C)	G1/8(C)
Fluid	compressed air	compressed air	compressed air
Temperature (°C)	0 ÷ 60	0 ÷ 60	0 ÷ 60
Condensation drain capacity (cm3)	12	45	80
Condensation drain	manual	manual	manual
Weight (Kg)	0,33	1,05	1,55
Mounting position	vertical	vertical	vertical
Recommended oil	ISO VG 32	ISO VG 32	ISO VG 32
Minimum working flow (l/min)	25	30	65

(A) = inlet pressure 6 bar, outlet pressure 5 bar - Δp 1 bar

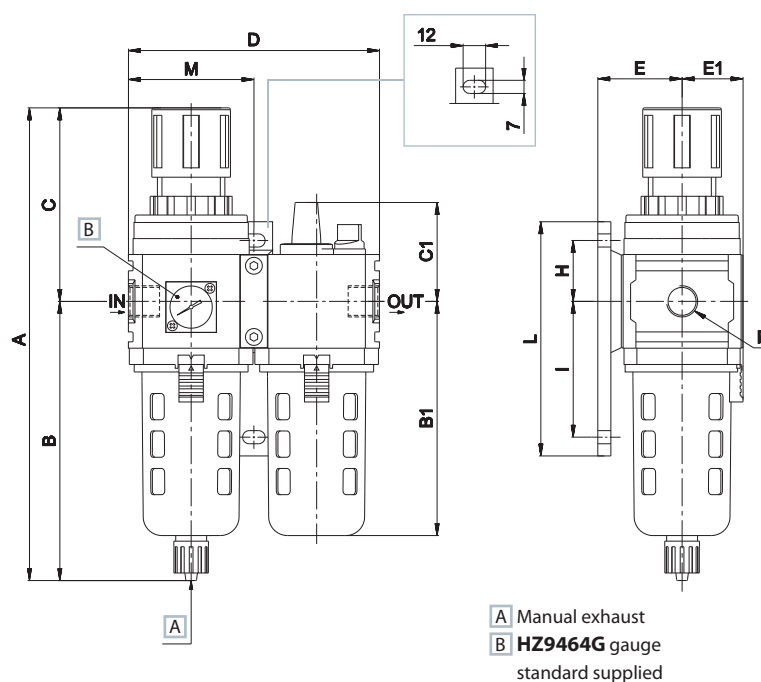
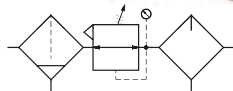
(B) = optional (replace HZ9464G gauge with G1/8 adaptor HZE7Z480 to be ordered separately)

(C) = standard (replace HZ9464G gauge with G1/8 adaptor HZE7Z480 placed on the back side)

HZE0D08GM



HZE1D10GM - HZE2D15GM



size	A	B	B1	C	C1	D	E	E1	F	H	I	L	M
1	259	156	130	103	52,5	126	45	31,5	G3/8-G1/2	45	60	125	63
2	280	170	148	110	53,5	160	55	40	G1/2	45	60	125	80