

# EXPANDERS

CHILLED WATER EXPANSION VESSELS

EXPANDERS 6 BAR -10°C/+110°C



# Expansion vessels for chilled water

## 6 bar -10°C/+110°C

### CONSTANT PRESSURE AND VARIABLE LEVEL OPERATION

Self-pressurised closed expansion vessels, without diaphragm, for chilled water; to be pressurised with air or nitrogen;

**insulated and hot-dip galvanised.**

Suitable for containing water expansion and maintaining a constant pressure during system operation by means of automatic gas venting and filling.

Max. permissible pressure 6 bar

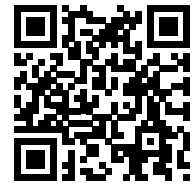
Min. permissible temperature -10°C

Max. permissible temperature +110°C

CE certified according to European Dir. 2014/68/EU-PED the expanders are subject to the Declaration of Commissioning (D.M. 329 of 01/12/2004).

20 mm thick, closed-cell, cross-linked polyethylene foam insulation

**SURCHARGE FOR ADAPTATION OF CONNECTIONS TO EXISTING TANK € 995.00**



PRICES



### Technical Specifications

Capacity	Weight	Useful capacity of expansion *	Attachment expansion	Dimensions with insulation	
L	kg	L	Ø	Ø mm	H mm
300	70	155	1" 1/2	590	1520
500	100	300	1" 1/2	690	1820
800	140	490	2"	730	1980
1000	160	670	2"	830	2380
1500	220	860	2" 1/2	1040	2290
2000	320	1240	2" 1/2	1140	2470
3000	440	1800	DN 100	1340	2690
4000	600	2790	DN 100	1340	3490
5000	640	3550	DN 100	1440	3720

A' accessories

B' Accessories

\* The useful expansion capacity is that visible on the level indicator

NB: For different capacities and pressures, please request a quotation.

**PLEASE NOTE** The indicated heights refer to the product without safety valve (approx. 12 cm).

### Price Codes

EXPANDERS WITHOUT ACCESSORIES (container only)			MONOBLOC EXPANDERS with 'R' type accessories		MONOBLOC EXPANDERS with type 'A' accessories for air loading with compressor		MONOBLOC EXPANDERS with type 'B' accessories for mains air loading	
P.E.D. certificates such as 'EQUIPMENT'			P.E.D. certificates as 'ASSEMBLY'		P.E.D. certificates as 'ASSEMBLY'		P.E.D. certificates as 'ASSEMBLY'	
L	Code	Price	Code	Price	Code	Price	Code	Price
300	00713950300	3.604,00 €	00713900302	5.306,00 €	00713900300	12.032,00 €	00713900301	10.671,00 €
500	00713950500	4.150,00 €	00713900502	5.522,00 €	00713900500	12.180,00 €	00713900501	10.855,00 €
800	00713950800	4.953,00 €	00713900802	5.959,00 €	00713900800	12.680,00 €	00713900801	11.397,00 €
1000	00713951000	5.586,00 €	00713901002	6.511,00 €	00713901000	13.295,00 €	00713901001	12.171,00 €
1500	00713951500	7.532,00 €	00713901502	8.207,00 €	00713901500	15.299,00 €	00713901501	13.964,00 €
2000	00713952000	9.527,00 €	00713902002	9.924,00 €	00713902000	18.724,00 €	00713902001	17.334,00 €
3000	00713953000	13.591,00 €	00713903002	14.164,00 €	00713903000	22.084,00 €	00713903001	20.621,00 €
4000	00713954000	16.169,00 €	00713904002	18.053,00 €	00713904000	26.686,00 €	00713904001	25.105,00 €
5000	00713955000	19.661,00 €	00713905002	21.400,00 €	00713905000	29.791,00 €	00713905001	28.169,00 €

**Accessory set 'R'** (already fitted) includes: P.E.D. certified safety valve, pressure gauge with pressure gauge holder, level indicator and protection, drain valve, thermometer.

**Series of accessories 'A'** (already assembled and complete with electrical wiring on IP54 panel) includes level indicator(s) with plexiglass and protection, spring-loaded safety valve for air, pressure gauge with three-way valve, thermometer, float electrolevel (from 300 to 2000 level control with high-sensitivity probes), minimum level safety control with high-sensitivity probes, two pressure switches, air ejection solenoid valve, 0.75 kW automatic air solenoid compressor, drain valve, water filling unit

**Series of accessories 'B'** (already assembled and complete with electrical

wiring on IP54 panel) includes level indicator(s) with plexiglass and protection, spring-loaded safety air valve, pressure gauge with three-way valve, electro-level float thermometer (from 300 to 2000 level control with high-sensitivity probes), minimum level safety control with high-sensitivity probes, two pressure switches, air expulsion solenoid valve, automatic mains air loading unit consisting of pressure regulator with filter and pressure gauge, check and shut-off valve, air inlet solenoid valve, drain valve, water loading unit.

## **Wenkel S.r.l**

Registered and operating office: Via E. Mattei 13/F – 31030 Casier (TV) – P.I. e C.F. 08456530966 – REA: TV-422447

Registered with the Companies' Register of Treviso-Belluno under No. 08456530966 – Share Capital €98.000,00

**Tel. 0422/672911 • Fax 0422/340425 • e-mail: [info@heizersile.it](mailto:info@heizersile.it) • [www.heizersile.com](http://www.heizersile.com)**

Subject to control and coordination by Fiorini Industries S.r.l.

