

COMPENDIUM

20
25

STORAGE

HEATING

COOLING

SOLAR





HISTORY

Established in 1965 as a steel works company at Vigodarzere near Padua, elbi has always distinguished itself for the large variety of products and its international vocation. The company has been operating for about 50 years in the field of thermo hydraulics, gradually achieving a solid reputation and standing in the major world markets.

Originally established as a producer of hot water cylinders and central-heating boilers, after about a decade of activity in this field the company dedicated its efforts to the production of tanks for the thermo hydraulics industry. In the mid 70's Elbi began producing surge tanks and BLADDER expansion tanks, becoming one of the major European manufacturers in the field of Thermo hydraulics. In 1981, having overgrown the capacity of the Vigodarzere facility, the company moved to its present headquarters in Limena, thus expanding its production capacity.

In 1989 the company branched off into a new line of products, processing plastic materials and manufacturing rotational-moulded polyethylene tanks.

In 1990 Elbi of America, Inc. was founded in Houston, Texas. Initially the new company concentrated on simple marketing/sales activities, learning about the culture and mentality of the vast and complex American continent.

In 1994 the Green System sales division was established to manufacture and market pots for plants and flowers made of rotational-moulded polyethylene. Thus the company entered the new market of gardening, which enabled it to expand its know-how both in the technological and marketing fields. Firmly established in the American market, in 1996 Elbi of America became the official manufacturing headquarters for the fixed-bladder tanks, thus bringing production closer to the target market.

The company's third sales division, Environment, was established in 1997 to design and produce containers and bells for selective collection of waste, and to market a wide range of accessories for urban hygiene and decor.

In 2001 a new production facility was opened in Modugno (BA), mainly dedicated to the manufacture of products made of rotational-moulded polyethylene. Elbi's activity in the Environmental Services started in 2006 and is mainly focused as preventive maintenance which is performed by special purpose structures (local units) where only qualified personnel are employed and adequate equipment used. In 2006 Elbi also started the Playground Division becoming the Italian distributor of a range of playground equipment for parks and schools offering a range for children from 18 months through 16 years of age.

In 2008 Elbi also entered the Well-being market, becoming the Italian distributor of a range composed of an Innovative "well-being track" formed by several sporting gear that facilitates open-air physical exercise in adults and elderly people. In 2008 a new business unit consisting of design products for the furniture market took shape. The need to manage a new brand dedicated to such target brought about a restyling of the traditional Green System Division, thus giving life to the TWENTYFIRST Division, distinguished in GARDENART for the traditional collection of garden pots, and LIVINGART for the collection of furnishing accessories for the living market. Today, Elbi concentrates its production activities in the business divisions (Thermo-hydraulics - Environment - 21st Garden Art - 21st Living Art) whose products are manufactured in the production plants in Limena and Modugno, yet again confirming the company's industrial reality.





TECHNOLOGIES

Active since 1981, the Limena plant is sub-divided into various production areas, each specialising in specific processes.

MECHANICS

The transformation of metals currently makes up around 70% of production activities, and uses technologies for: moulding, cutting and sheet bending; welding of carbon steel and stainless steel; epoxy powder painting and assembly. The entire production process is implemented with wide use of industrial automation and robots to handle and move the manufactured parts. Production is organised and monitored using an integrated company information system, starting with the analysis and planning of production up to sale of the end product. This information structure is supported by our Data Processing Service, which meets the particular information requirements by implementing and developing ad hoc part of the software.



PLASTIC MATERIAL

In the early 90's Elbi wanted to undertake a new production path by processing plastic materials, obtaining considerable results in terms of technological innovation. Elbi has been a member of ARM (Association of Rotational Molders) since 1996, an international category association that represents its members composed of rotational-moulding companies and professionals in the industry from 66 nations. The rotational moulding department is equipped with 14 polyethylene moulding ovens, 9 at the headquarters and 5 at the Modugno (Bari) plant. The biggest furnace can mould products with a capacity of up to 15.000 litres, among the biggest in Europe. Through rotational moulding technology, Elbi can manufacture a vast range of products in non-toxic and recyclable polyethylene: in addition to first collection tanks (water, alimentary liquids, chemicals and other types of fluids), it makes products and systems for the recovery, treatment and reuse of rainwater and waste water (Aquapura line). Elbi designs and manufactures design furnishing accessories, vases for plants and flowers, dog and cat houses, bins for differentiated waste collection, bins for urban waste collection and containers for composting of organic waste, thereby contributing to reduced environmental pollution.

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PICTOGRAMS

	Temperatura max di esercizio Max working temperature Température max d'exercice Max Betriebstemperatur Temperatura max de trabajo Рабочая температура		Generatore di calore Heat generator Générateur de chaleur Wärmeerzeuger Generador de calor Теплогенератор		Anodo con tester Anode with tester Anode avec testeur Anode mit Simpletest Anodo con tester Анод с контрольным устройством "Tester"
	Temperatura max dello scambiatore Max Working Temp. Heat Exchanger Température max. de l'échangeur Max. Wärmetauscher temperatur Temperatura max del intercambiador Максимальная температура теплообменника		Impianti caldo/freddo For heating/air conditioning systems Pour systèmes de chauffage/climatisation Für Heizungs-/Klimaanlagen Para sistemas de calefacción/aire acondicionado Для систем отопления/кондиционирования		Trattamento interno anticorrosivo di vetrificazione Vitreous enamel internal protection Protection intérieure en email vitrifié Korrosionsschutz der Innenwand durch Emailieren Tratamiento interno anticorrosivo vitrificado Антикоррозийная обработка внутренних стен с эмалированным покрытием
PMAX Vs	Pressione max del bollitore Max pressure hot water cylinder (bar) Pression max ballon (bar) Max Betriebsdruck des Wassererwärmers (bar) Presion máxima acumulador (bar) Максимальное рабочее давление обогревателя, бар		Per aria compressa For compressed air Pour air comprimé Für komprimierte Luft geeignet Para aire comprimido Для сжатого воздуха		Coibentazione in poliuretano Polyurethane insulation Isolation par mousse de polyuréthane Hardschaumisolierung Polyurethane Aislamiento en poliuretano Теплоизоляция из полиуретана
PMAX VR	Pressione max di esercizio del termoaccumulatore (bar) Max working pressure heat accumulator (bar) Pression max. d'exercice ballon combiné (bar) Max. Betriebsdruck des Heizungsspeichers (bar) Presion max de trabajo thermo acumulador (bar) Максимальное рабочее давление аккумулятора горячей воды для отопления, бар		Adatto per pompa calore Suitable for heating pump Approprié pour pompe à chaleur Geeignet für Wärmepumpe Adapto para bomba de calor Подходит для теплового насоса		Movimentazione con muletto Handling by forklift Gestion avec chariot élévateur Vorsichtige Bewegung mit Hilfe eines Gabelstaplers Movimiento con carretilla Работа с вилочным погрузчиком
PSCA	Pressione max dello scambiatore (bar) Heat Exchanger max pressure (bar) Pression max. de l'échangeur (bar) Max. Wärmetauscherdruck (bar) Presion maxima del intercambiador (bar) Максимальное давление теплообменника, бар		Seratoio per accumulo acqua calda Hot water storage tank Réservoir pour accumulation d'eau chaude Warmwasserspeicher Acumulador para agua caliente Накопительный бак для горячей воды		Termoaccumulatore per acqua calda sanitaria istantanea Heat accumulator sanitary hot water Accumulateur eau chaude sanitaire Heizungsspeicher für sofortige Warmwasserzapfung Acumulador para agua caliente instantánea Тепловой аккумулятор для мгновенного получения горячей воды для бытовых нужд
	Per acqua potabile For drinking water Pour eau potable Für Trinkwasser geeignet Para agua potable Пригодный для питьевой воды		Per acqua refrigerata For chilled water Pour l'eau réfrigérée Für Kühlwasser geeignet Para agua refrigerada Для охлажденной воды		Approvazione ASME U ASME U approval Approbation ASME U ASME U Zulassung Certificación ASME U Сертификация ASME U
	Per acqua non potabile Not for drinking water Pour l'eau non potable Nicht für trinkbare Ziele No para agua potable Не пригодный для питьевой воды		Anticampo d'ariete Shock suppressor Anti coup de bélier Wasserschlagdämpfer Antigolpe de ariete Против гидравлического удара		Approvazione ASME UM ASME UM approval Approbation ASME UM ASME UM Zulassung Certificación ASME UM Сертификация ASME UM
	Per impianti di pressurizzazione For booster pumping systems Pour systèmes de surpression Für Boostersanlage geeignet Para instalaciones de presurización Для систем повышения давления воды		Corpo in acciaio inox Stainless steel body Corps en acier inoxydable Edelstahlkessel Cuerpo en acero inox Корпус из нержавеющей стали		Adatto a contenere acqua e altre sostanze Suitable for water and other substances Adapté à l'eau et à d'autres substances Geeignet für Wasser und andere Stoffe Apto para agua y otras sustancias Подходит для воды и других веществ
	Per acqua calda sanitaria For sanitary hot water Pour eau chaude sanitaire Für Brauchwasser Para agua caliente sanitaria Горячее водоснабжение		Scambiatore inox Stainless steel coil Echangeur en acier inoxydable Wärmetauscher aus Edelstahl Intercambiador Inox Теплообменник из нержавеющей стали		Esclusivamente per uso fuori terra Not for underground use Exclusivement pour usage aérienne Nur für den oberirdischen Einbau geeignet Exclusivamente para uso no enterrado Только для поверхностной установки
	Per impianti di riscaldamento For heating systems Pour installations de chauffage Für Heizungsanlage geeignet Para instalaciones de calefacción Для отопительных систем		Zincato a caldo Galvanized Galvanisé Verzinkt Zincado Оцинкованный		Modello esclusivamente da interro For underground use only Modèle exclusivement enterrable Modell nur zur Erdenbau Modelo exclusivamente de interior Только для подземной установки
	Per impianti di condizionamento For air conditioning systems Pour installations de climatisation Für Klimaanlage geeignet Para instalaciones de climatización Для систем кондиционирования		Bollitore Hot water cylinders Préparateurs d'eau chaude Boiler Interacumuladores Бойлеры		Prodotto omologato CE CE Approval CE approuvé CE Zulassung Certificación CE Сертификация CE
	Per impianti solari For solar systems Pour installation solaires Für Solarsysteme Para instalaciones solares Для солнечных систем		Anodo di magnesio Magnesium anode Anode de magnésium Magnesium Anode Anodo de magnesio Магнийевый анод		

APPLICATIONS





ss-eta.



DP



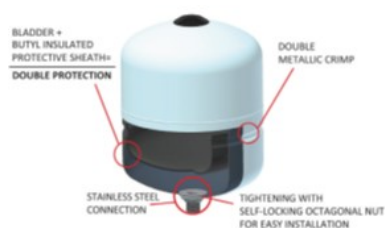
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Technical datasheet



Multifunctional tanks with fixed butyl diaphragm and insulated protective sheath

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	L mm	Øb mm	DN1	Pcs x Plt	BOX
DP 5	A2C2L11 V0020	5	2,5	10	205	225	-	-	G¾"	200	215 x 215 x 245
DP 8	A2C2L16 V0020	8	2,5	10	205	290	-	-	G¾"	150	215 x 215 x 305
DP 11	A2C2L19 V0020	11	2,5	10	270	305	-	-	G¾"	96	280 x 280 x 325
DP 18	A2C2L24 V0020	18	2,5	10	270	400	-	-	G¾"	64	280 x 280 x 420
DP 24	A2C2L27 00270	24	2,5	10	270	500	-	-	G1"	36	280 x 280 x 520
DP 24 /16	A2C2R27 V0020	24	2,5	16	270	500	-	-	G1"	36	280 x 280 x 520
DP 35	A2C2L31 V0020	35	2,5	10	400	400	-	-	G1"	30	415 x 415 x 430
DPH 20	A2E2L25 V0020	20	2,5	10	270	285	440	-	G1"	36	315 x 315 x 460
DPH 20 att. 3/4"	A2F2L25 V0020	20	2,5	10	270	305	440	-	G¾"	-	315 x 315 x 460
DPH 24	A2E2L27 V0020	24	2,5	10	270	305	500	-	G1"	36	315 x 315 x 520
DPH 24 att. 3/4"	A2F2L27 V0020	24	2,5	10	270	305	500	-	G¾"	-	315 x 315 x 520
DPH 60	A2E2L35 V0020	60	2,5	10	400	440	630	-	G1"	12	660 x 465 x 470
DPV 50	A2C2L34 V0020	50	2,5	10	400	565	-	330	G1"	18	415 x 415 x 590
DPV 80	A2C2L37 V0020	80	2,5	10	400	820	-	330	G1"	15	415 x 415 x 835
DPV 100	A2C2L38 V0020	100	2,5	10	500	740	-	330	G1¼"	8	515 x 515 x 755
DPV 150	A2C2L43 V0020	150	2,5	10	500	950	-	330	G1¼"	8	515 x 515 x 965
DPV 200	A2C2L47 V0020	200	2,5	10	600	1025	-	485	G1¼"	4	615 x 615 x 1045
DPV 300	A2C2L51 V0020	300	2,5	10	650	1190	-	485	G1¼"	2	665 x 665 x 1205
DPV 500	A2C2L55 V0020	500	2,5	10	775	1335	-	485	G1¼"	2	790 x 790 x 1350



DP

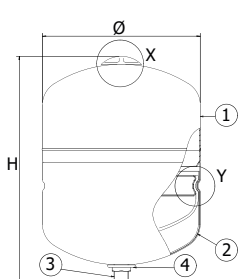


DPV

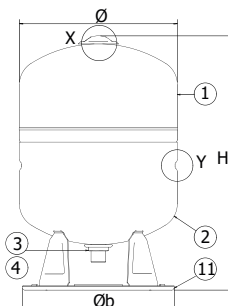


DPH

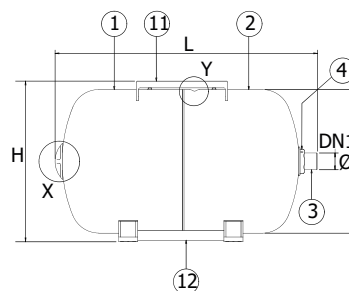
DP 5 - 35



DPV 50 - 500



DPH - CE 18 - 60





DE



-10°C / +99°C

Technical datasheet

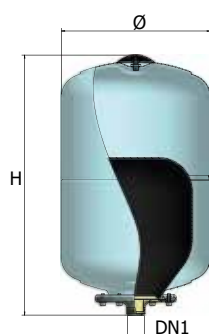


Multifunctional sanitary tanks with replaceable butyl bladder

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	DN1	Pcs x Plt	BOX
DE-8	A2B2J16	8	2,5	8	205	290	¾"NPT	150	215 x 215 x 335
DE-18	A2B2J24	18	2,5	8	270	400	1"NPT	48	280 x 280 x 435
DE-24	A2B2J27	24	2,5	8	270	440	1"NPT	48	280 x 280 x 470



DE 8-24



DL



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Technical datasheet



Replaceable bladder multi-functional tanks

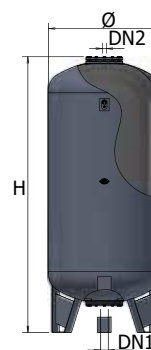
MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	DN1	DN2
DL 750/10 CE	A282L59	750	2,5	10	800	1960	G2"	G½"F G¾"M
DL 1000/10 CE	A282L62	1000	2,5	10	800	2410	G2"	G½"F G¾"M
DL 2000/10 CE	A282L70	2000	2,5	10	1100	2710	G3"	G½"F G¾"M
DL 3000/10 CE	A282L74	3000	2,5	10	1250	3065	G3"	G1¼"
DL 5000/10 CE	A282L80	5000	2,5	10	1550	3320	G3"	G1¼"
DL 750/16 CE	A282R59	750	2,5	16	800	1960	G2"	G½"F G¾"M
DL 1000/16 CE	A282R62	1000	2,5	16	800	2410	G2"	G½"F G¾"M
DL 2000/16 CE	A282R70	2000	2,5	16	1100	2690	G3"	G½"F G¾"M
DL 3000/16 CE	A282R74	3000	2,5	16	1250	3095	G3"	G1¼"



DL 750 - 2000



DL 3000 - 5000





SANY



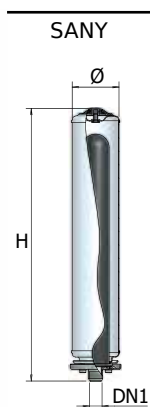
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Technical datasheet



Replaceable bladder sanitary tanks for small spaces

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	DN1
SANY-S 0,5	A250L03	0.5	2,5	10	90	145	¾" NPT
SANY-S 1	A250L05	1	2,5	10	90	220	¾" NPT
SANY-S 2	A250L07	2	2,5	10	90	360	¾" NPT
SANY-S 3	A250L09	3	2,5	10	90	510	¾" NPT
SANY-S 4	A250L10	4	2,5	10	90	650	¾" NPT
SANY-L 3	A260L09	3	2,5	10	120	300	G½"
SANY-L 6	A260L12	6	2,5	10	120	500	G½"





AS/AC



-10°C / +99°C
-10°C / +50°C
(AC 20 PN25 CE)

Technical datasheet



CE

Replaceable bladder autoclaves for sanitary water

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	L mm	DN1	Pcs x Pkt	BOX
AC-2 *	A012J07	2	2,5	8	130	230	-	¾"NPT	125	155 x 155 x 245
AC 5 *	A012J11	5	2,5	8	205	225	-	¾"NPT	200	215 x 215 x 250
AC 8 CE	A012J16	8	2,5	8	205	290	-	¾"NPT	150	215 x 215 x 335
AC 12 CE	A012J20	12	2,5	8	270	305	-	¾" NPT	64	280 x 280 x 315
AC 18 CE	A012J24	18	2,5	8	270	400	-	1"NPT	64	280 x 280 x 435
AC 25 CE	A012J27	24	2,5	8	270	440	-	1"NPT	64	280 x 280 x 470
AC 25 GPM CE	A022J27	24	2,5	8	270	285	440	1"NPT	48	300 x 300 x 470
AS 25 FP	A002J27 F0001	24	2,5	8	360	355	-	1"NPT	45	370 x 370 x 365
AC 20 PN25 CE	A012T25	20	5	25	270	505	-	G¾"	24	280 x 280 x 525
AFV 24/16	A032R27	24	2,5	16	270	450	-	1"NPT	48	280 x 280 x 470

* Exempt from CE marking

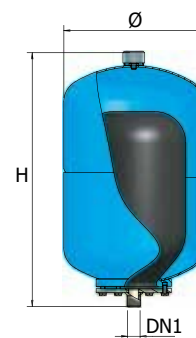
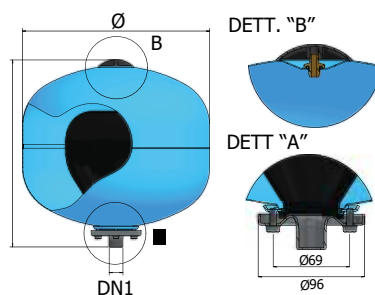
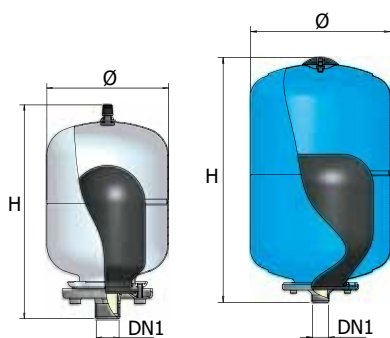


AC-2

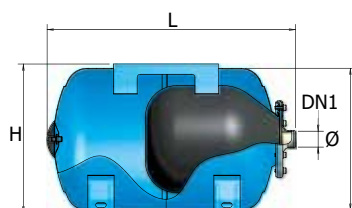
AC 5 - 25; AFV 24

AC 12 - AS 25

AC 20 PN25



AC 25 GPM



**AF**

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Technical datasheet

**CE**

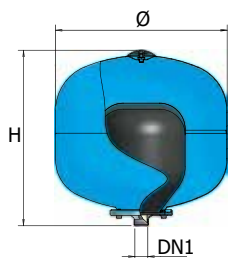
Replaceable bladder autoclaves for sanitary water

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	L mm	Øb mm	DN1	DN2	Pcs x PIt	BOX
AF 35 CE	A032L31	35	2,5	10	400	405	-	-	1"NPT	-	30	410 x 410 x 410
AF 50 CE	A052L34	50	2,5	10	400	505	-	-	1"NPT	-	24	410 x 410 x 530
AFV 50 CE	A032L34	50	2,5	10	400	565	-	330	1"NPT	-	18	410 x 410 x 610
AFV 60 CE	A032L35	60	2,5	10	400	710	-	330	1"NPT	G½"F G¾"M	15	410 x 410 x 755
AFV 80 CE	A032L37	80	2,5	10	400	820	-	330	1"NPT	G½"F G¾"M	15	410 x 410 x 855
AFV 100 CE	A032L38	100	2,5	10	500	740	-	330	1"NPT	G½"F G¾"M	8	510 x 510 x 825
AFV 150 CE	A032L43	150	2,5	10	500	950	-	330	1"NPT	G½"F G¾"M	8	510 x 510 x 1035
AFV 200 CE	A032L47	200	2,5	10	600	1025	-	485	1¼ NPT	G½"F G¾"M	4	610 x 610 x 1105
AFV 300 CE	A032L51	300	2,5	10	650	1190	-	485	1¼ NPT	G½"F G¾"M	2	660 x 660 x 1285
AFV 500 CE	A032L55	500	2,5	10	775	1335	-	485	1¼ NPT	G½"F G¾"M	2	785 x 785 x 1435
AFH 50 CE	A042L34	50	2,5	10	400	420	505	-	1"NPT	-	18	435 x 520 x 435
AFH 60 CE	A042L35	60	2,5	10	400	485	650	-	1"NPT	G½"F G¾"M	16	410 x 685 x 490
AFH 80 CE	A042L37	80	2,5	10	400	485	765	-	1"NPT	G½"F G¾"M	12	410 x 775 x 490
AFH 100 CE	A042L38	100	2,5	10	500	580	685	-	1"NPT	G½"F G¾"M	9	510 x 720 x 600
AFH 200 CE	A042L47	200	2,5	10	600	675	945	-	1¼ NPT	G½"F G¾"M	4	610 x 1000 x 680
AFH 300 CE	A042L51	300	2,5	10	650	725	1110	-	1¼ NPT	G½"F G¾"M	2	660 x 1190 x 730
AFV 100/16 CE	A032R38	100	2,5	16	500	740	-	330	1"NPT	G½"F G¾"M	8	510 x 510 x 825
AFV 200/16 CE	A032R47	200	2,5	16	600	1025	-	485	1¼ NPT	G½"F G¾"M	4	610 x 610 x 1105
AFV 300/16 CE	A032R51	300	2,5	16	650	1190	-	485	1¼ NPT	G½"F G¾"M	2	660 x 660 x 1285
AFV 500/16 CE	A032R55	500	2,5	16	650	1900	-	-	G2"	G½"F G¾"M	1	-

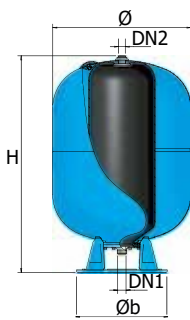
For larger tanks see the DL series



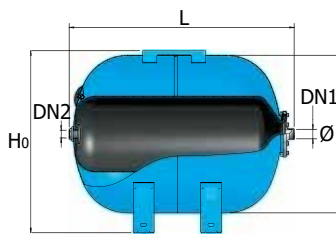
AF 35 - AF 50



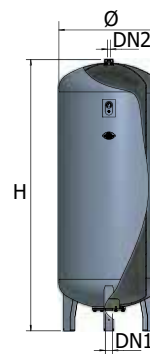
AFV 50 - 500



AFH 50 - 300



AFV 500 16 BAR





HI-NOX



-10°C / +99°C

Technical datasheet



Stainless steel autoclaves with replaceable bladder, for sanitary water

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	L mm	DN1	Pcs x Plt	BOX
HX - 016 *	A0D0Q01	0.16	3,5	15	80	110	-	G½"	-	85 x 85 x 115
HX - 05 *	A0D0L03	0.5	3,5	10	95	160	-	G½"	-	120 x 100 x 200
HX - 1 *	A0D0L05	1	3,5	10	115	190	-	G½"	-	120 x 120 x 200
HX - 2 *	A0D0L07	2	2,5	10	135	230	-	G½"	-	140 x 140 x 240
HM - 8	A0D2L16	8	2,5	10	205	345	-	G¾"	-	225 x 225 x 350
HM - 18	A0D2L24	18	2,5	10	270	415	-	G1"	-	280 x 280 x 420
HM - 24	A0D2L27	24	2,5	10	270	515	-	G1"	30	280 x 280 x 520
HM - 24 GPM	A0E2L27	24	2,5	10	270	285	515	G1"	-	280 x 520 x 290
HXV - 50	A0D2L34	50	2,5	10	365	735	-	G1"	-	380 x 400 x 740
HXH - 50	A0E2L34	50	2,5	10	365	375	590	G1"	-	375 x 570 x 400
HXV - 100	A0D2L38	100	2,5	10	500	820	-	G1"	-	510 x 530 x 840
HXH - 100	A0E2L38	100	2,5	10	500	515	710	G1"	-	506 x 680 x 535
HXV - 200	A0D2L47	200	2,5	10	550	1200	-	G1¼"	2	600 x 800 x 1350
HXV - 300	A0D2L51	300	2,5	10	650	1300	-	G1¼"	-	700 x 800 x 1450
HXV - 500	A0D2L55	500	2,5	10	750	1550	-	G1¼"	-	800 x 900 x 1700
HXV - 750	A0D2J59	750	2,5	8	750	2100	-	G1¼"	-	800 x 900 x 2200

* Exempt from CE marking



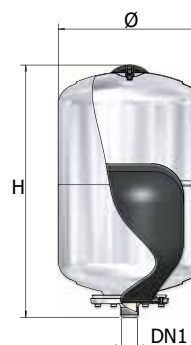
HX-016



HX-05



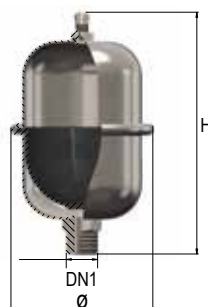
HX-1; HX-2



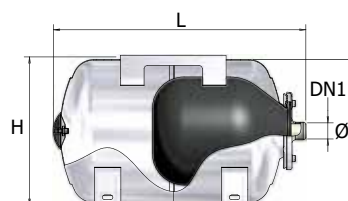
HM 8÷24



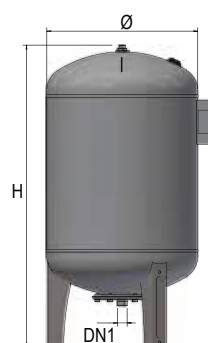
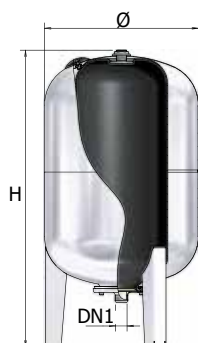
HXV 50÷100



HXV 200÷750



HM 24 GPM; HXH-50÷100





AC-2 /
ER



-10°C / +99°C

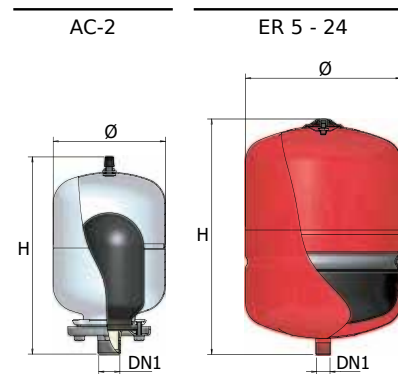
Technical datasheet



Fixed bladder expansion tanks for heating/air conditioning

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	DN1	Pcs x Plt	BOX
AC-2 *	A012J07	2	2,5	8	130	230	¾"NPT	125	155 x 155 x 245
ER 5 *	A102L11	5	1,5	10	205	215	¾"	200	215 x 215 x 250
ER 8 CE	A102L16	8	1,5	10	205	280	¾"	150	215 x 215 x 305
ER 12 CE	A102L20	12	1,5	10	270	300	¾"	96	280 x 280 x 315
ER 18 CE	A102L24	18	1,5	10	270	395	¾"	64	280 x 280 x 420
ER 24 CE	A102L27 00270	24	1,5	10	270	495	G¾"	36	280 x 280 x 520

* Exempt from CE marking



ERCE



-10°C / +99°C

Fiche technique

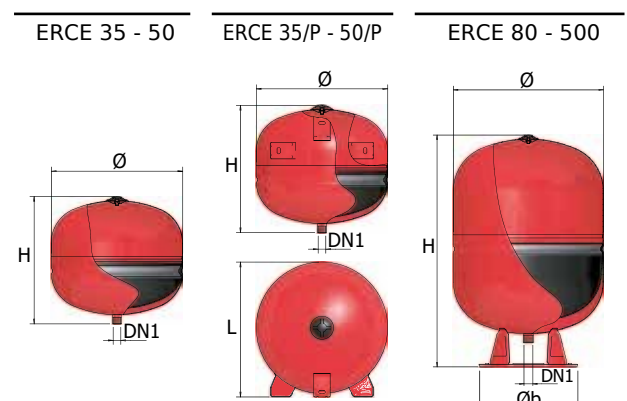


Fixed bladder expansion tanks for heating/air conditioning

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	L mm	Øb mm	DN1	Pcs x Plt	BOX
ERCE 35	A102L31	35	1,5	10	400	390	-	-	G¾"	30	415 x 415 x 430
ERCE 35/p *	A122L31	35	1,5	10	400	390	415	-	G¾"	30	415 x 415 x 430
ERCE 50	A102L34	50	1,5	10	400	490	-	-	G¾"	24	415 x 415 x 530
ERCE 50/p *	A122L34	50	1,5	10	400	490	415	-	G¾"	24	415 x 415 x 530
ERCE 80	A112L37	80	1,5	10	400	820	-	330	G¾"	15	415 x 415 x 825
ERCE 100	A112L38	100	1,5	10	500	740	-	330	G¾"	8	515 x 515 x 755
ERCE 150	A112L43	150	1,5	10	500	950	-	330	G¾"	8	515 x 515 x 965
ERCE 200	A112L47	200	1,5	10	600	1025	-	330	G1"	4	615 x 615 x 1045
ERCE 250	A112L49	250	1,5	10	650	1045	-	485	G1"	2	665 x 665 x 1195
ERCE 300	A112L51	300	1,5	10	650	1190	-	485	G1"	2	665 x 665 x 1205
ERCE 500	A112L55	500	1,5	10	775	1335	-	485	G1"	2	785 x 785 x 1435

1MPa = 10 bar

* Version with feet for wall fixing





ERP



-10°C / +90°C

Technical datasheet



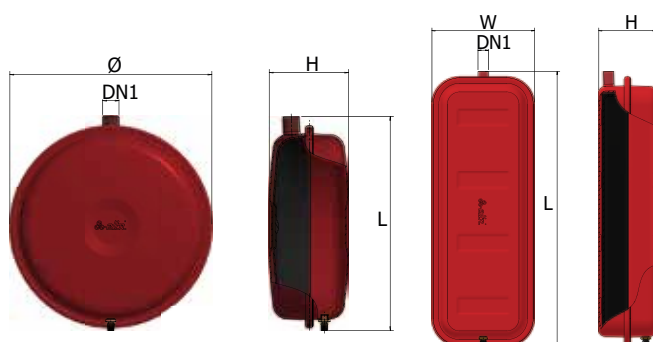
Fixed bladder flat expansion tanks, for burners

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	L mm	W mm	DN1	Pcs x Plt
ERP 320/6	1120106	6	1	3	320	98	335	-	G¾"	107
ERP 320/8	1120203	8	1	3	320	125	335	-	G¾"	96
ERP 320/10	1120301	10	1	3	320	135	335	-	G¾"	96
ERP 320/12	1120408	12	1	3	320	168	335	-	G¾"	72
ERP 385/7	1121101	7	1	3	385	83	400	-	G¾"	107
ERP 385/8	1121209	8	1	3	385	98	400	-	G¾"	107
ERP 385/10	1121306	10	1	3	385	108	400	-	G¾"	72
ERP 385/12	1121403	12	1	3	385	139	400	-	G¾"	72
ERP 385/14	1121501	14	1	3	385	146	400	-	G¾"	72
ERP RET/6	1140601	6	1	3	-	95	516	196	G¾"	56
ERP RET/8	1140701	8	1	3	-	110	516	196	G¾"	56
ERP RET/10	1140901	10	1	3	-	124	516	196	G¾"	56
ERP RET/12	1141001	12	1	3	-	152	516	196	G¾"	42



ERP 320 - 385

ERP RET



**DS**

-10°C / +110°C

Technical datasheet

**CE**

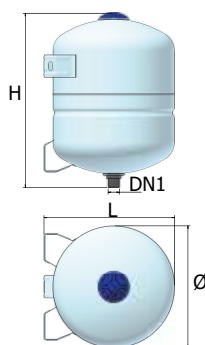
Expansion tanks for solar systems

MODEL	CODE	CAP. L	P _{PRE}	P _{MAX}	Ø mm	H mm	L mm	Øb mm	DN1	Pcs x Plt	BOX
DS-8 CE	A222L16	8	2,5	10	205	290	-	-	G¾"	150	215 x 215 x 335
DS-18 CE	A222L24	18	2,5	10	270	400	-	-	G¾"	64	280 x 280 x 435
DS 18/p CE *	A232L24	18	2,5	10	270	400	295	-	G¾"	64	280 x 280 x 435
DS-24 CE	A222L27 00270	24	2,5	10	270	500	-	-	G1"	36	280 x 280 x 520
DS 24/p CE *	A232L27 00270	24	2,5	10	270	500	285	-	G1"	36	280 x 280 x 520
DS-35 CE	A222L31	35	2,5	10	400	400	-	-	G1"	30	410 x 410 x 410
DS 35/p CE *	A232L31	35	2,5	10	400	400	415	-	G1"	30	410 x 410 x 410
DS 50/p CE *	A232L34	50	2,5	10	400	505	415	-	G1"	30	410 x 410 x 530
DSV-50 CE	A242L34	50	2,5	10	400	565	-	330	G1"	18	410 x 410 x 610
DSV-80 CE	A242L37	80	2,5	10	400	820	-	330	G1"	15	410 x 410 x 855
DSV-100 CE	A242L38	100	2,5	10	500	740	-	330	G1¼"	8	510 x 510 x 825
DSV-150 CE	A242L43	150	2,5	10	500	950	-	330	G1¼"	8	505 x 505 x 1030
DSV-200 CE	A242L47	200	2,5	10	600	1025	-	485	G1¼"	4	610 x 610 x 1105
DSV-300 CE	A242L51	300	2,5	10	650	1190	-	485	G1¼"	2	660 x 660 x 1285

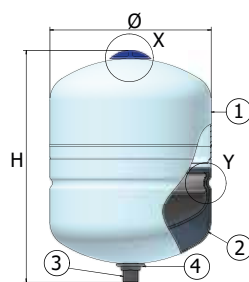
* Version with feet for wall



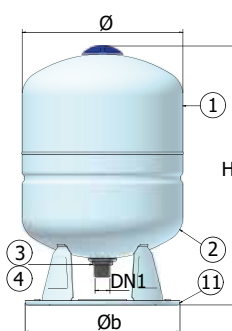
DS 18/P-50/P



DS 8-35



DSV 50-300





STP



-10°C / +110°C

Technical datasheet



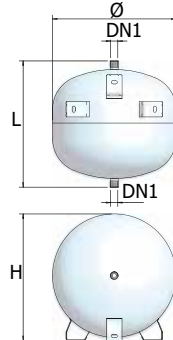
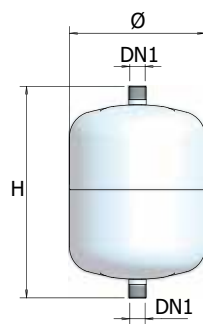
Temperature reducing tanks for solar systems

MODEL	CODE	CAP. L	P _{MAX}	Ø mm	H mm	L mm	Øb mm	DN1	Pcs x Plt	BOX
STP-12	A270J20	12	10	270	320	-	-	G¾"	96	280 x 280 x 325
STP-18	A270J24	18	10	270	410	-	-	G¾"	64	280 x 280 x 420
STP-24	A270J27 00270	24	10	270	505	-	-	G¾"	36	280 x 280 x 520
STP-35/P	A270L31	35	10	400	430	410	-	G¾"	30	415 x 415 x 430
STP-50/P	A270L34	50	10	400	510	415	-	G¾"	30	415 x 415 x 590



STP 12-24

STP 35/P-50/P







AIR



-10°C / +50°C

Technical datasheet

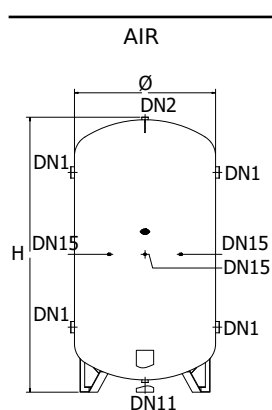


Galvanized tanks for compressed air, CE certified

MODEL	CODE	CAP. L	P _{MAX}	Ø mm	H mm
AIR 1500/8	A4K2J67	1500	8	950	2425
AIR 2000/8	A4K2J70	2000	8	1100	2445
AIR 2500/8	A4K2J72	2500	8	1250	2545
AIR 3000/8	A4K2J74	3000	8	1250	2845
AIR 4000/8	A4K2J77	4000	8	1400	2975
AIR 5000/8	A4K2J80	5000	8	1550	3050
AIR 7500/8	A4K2J87	7500	8	1650	4190
AIR 10000/8	A4K2J92	10000	8	1650	5190
AIR 1000/12	A4K2N62	1000	12	800	2370
AIR 1500/12	A4K2N67	1500	12	950	2435
AIR 2000/12	A4K2N70	2000	12	1100	2450
AIR 2500/12	A4K2N72	2500	12	1250	2560
AIR 3000/12	A4K2N74	3000	12	1250	2860
AIR 4000/12	A4K2N77	4000	12	1400	2990
AIR 5000/12	A4K2N80	5000	12	1550	3070
AIR 7500/12	A4K2N87	7500	12	1650	4200
AIR 10000/12	A4K2N92	10000	12	1650	5200
AIR 750/16	A4K2R59	750	16	750	2050
AIR 1000/16	A4K2R62	1000	16	800	2370
AIR 1500/16	A4K2R67	1500	16	950	2420
AIR 2000/16	A4K2R70	2000	16	1100	2480



AIR Technical drawings



AIR Connection heights (mm)

MODEL	DN1		DN11	DN15
AIR 1500/8	575	1975	125	1025
AIR 2000/8	575	1975	105	1075
AIR 2500/8	610	2010	85	1140
AIR 3000/8	610	2310	85	1410
AIR 4000/8	695	2395	125	1495
AIR 5000/8	715	2415	110	1515
AIR 7500/8	900	3500	215	2100
AIR 10000/8	900	4500	215	2100
AIR 1000/12	560	1960	155	1110
AIR 1500/12	580	1980	110	1030
AIR 2000/12	580	1980	105	1080
AIR 2500/12	615	2015	85	1145
AIR 3000/12	615	2315	85	1415
AIR 4000/12	705	2405	135	1505
AIR 5000/12	735	2435	115	1535
AIR 7500/12	905	3505	225	2105
AIR 10000/12	905	4505	225	2105
AIR 750/16	560	1660	165	1005
AIR 1000/16	560	1960	155	1110
AIR 1500/16	575	1975	125	1025
AIR 2000/16	590	1990	105	1090

AIR Connection sizes

MODEL	DN1	DN2	DN11	DN15
AIR 1500/8	G2"	G2"	G2"	G½"
AIR 2000/8	G2"	G2"	G2"	G½"
AIR 2500/8	G3"	G2"	G2"	G½"
AIR 3000/8	G3"	G2"	G2"	G½"
AIR 4000/8	G3"	G2"	G2"	G½"
AIR 5000/8	G4"	G2"	G2"	G½"
AIR 7500/8	G4"	G2"	G2"	G½"
AIR 10000/8	G4"	G2"	G2"	G½"
AIR 1000/12	G1½"	G1½"	G1½"	G½"
AIR 1500/12	G2"	G2"	G2"	G½"
AIR 2000/12	G2"	G2"	G2"	G½"
AIR 2500/12	G3"	G2"	G2"	G½"
AIR 3000/12	G3"	G2"	G2"	G½"
AIR 4000/12	G3"	G2"	G2"	G½"
AIR 5000/12	G4"	G2"	G2"	G½"
AIR 7500/12	G4"	G2"	G2"	G½"
AIR 10000/12	G4"	G2"	G2"	G½"
AIR 750/16	G1½"	G1½"	G1½"	G½"
AIR 1000/16	G1½"	G1½"	G1½"	G½"
AIR 1500/16	G2"	G2"	G2"	G½"
AIR 2000/16	G2"	G2"	G2"	G½"



ACZ



-10°C / +50°C

Technical datasheet

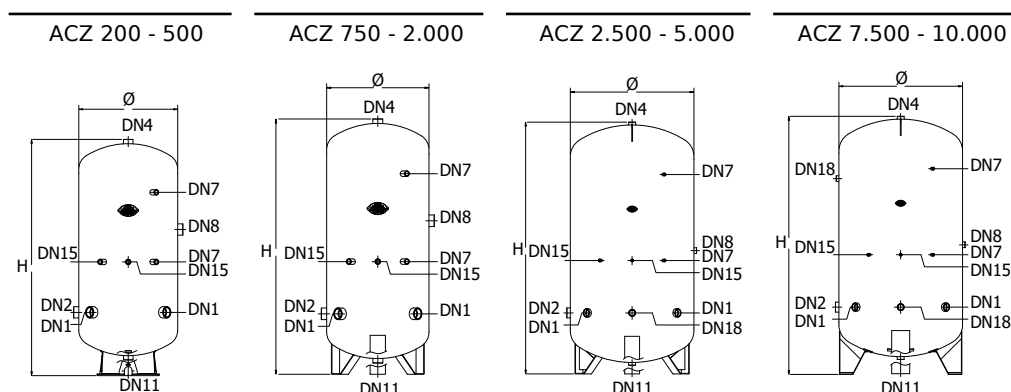


Galvanized tanks for cold water, CE certified

MODEL	CODE	CAP. L	P _{MAX}	Ø mm	H mm
ACZ 200/8	A432J47	200	8	500	1345
ACZ 300/8	A432J51	300	8	550	1490
ACZ 500/8	A432J55	500	8	650	1800
ACZ 750/8	A432J59	750	8	750	2055
ACZ 1000/8	A432J62	1000	8	800	2370
ACZ 1500/8	A432J67	1500	8	950	2425
ACZ 2000/8	A432J70	2000	8	1100	2445
ACZ 2500/8	A432J72	2500	8	1250	2545
ACZ 3000/8	A432J74	3000	8	1250	2845
ACZ 4000/8	A432J77	4000	8	1400	2975
ACZ 5000/8	A432J80	5000	8	1550	3050
ACZ 7500/8	A432J87	7500	8	1650	4190
ACZ 10000/8	A432J92	10000	8	1650	5190
ACZ 200/12	A432N47	200	12	500	1350
ACZ 300/12	A432N51	300	12	550	1495
ACZ 500/12	A432N55	500	12	650	1805
ACZ 750/12	A432N59	750	12	750	2055
ACZ 1000/12	A432N62	1000	12	800	2370
ACZ 1500/12	A432N67	1500	12	950	2435
ACZ 2000/12	A432N70	2000	12	1100	2450
ACZ 2500/12	A432N72	2500	12	1250	2560
ACZ 3000/12	A432N74	3000	12	1250	2860
ACZ 4000/12	A432N77	4000	12	1400	2990
ACZ 5000/12	A432N80	5000	12	1550	3070
ACZ 7500/12	A432N87	7500	12	1650	4200
ACZ 10000/12	A432N92	10000	12	1650	5200
ACZ 200/16	A432R47	200	16	500	1350
ACZ 300/16	A432R51	300	16	550	1500
ACZ 500/16	A432R55	500	16	650	1805
ACZ 750/16	A432R59	750	16	750	2050
ACZ 1000/16	A432R62	1000	16	800	2370
ACZ 1500/16	A432R67	1500	16	950	2420
ACZ 2000/16	A432R70	2000	16	1100	2480



ACZ Technical drawings



ACZ Connection heights (mm)

MODEL	DN1	DN2	DN7		DN8	DN11	DN15	DN18	
ACZ 200/8	-	385	1070	640	840	110	640	-	-
ACZ 300/8	415	415	1195	705	805	115	705	-	-
ACZ 500/8	485	485	1435	835	935	125	835	-	-
ACZ 750/8	560	560	1710	1010	1210	160	1010	-	-
ACZ 1000/8	560	560	1960	1110	1310	155	1110	-	-
ACZ 1500/8	575	575	1975	1025	1125	125	1025	-	-
ACZ 2000/8	575	575	1975	1025	1125	105	1025	-	-
ACZ 2500/8	605	605	2005	1135	1235	85	1135	-	605
ACZ 3000/8	605	605	2305	1405	1505	85	1405	-	605
ACZ 4000/8	695	695	2395	1495	1595	125	1495	-	695
ACZ 5000/8	725	725	2425	1525	1625	115	1525	-	725
ACZ 7500/8	905	905	3555	2105	2205	225	2105	3455	905
ACZ 10000/8	905	905	4555	2105	2205	225	2105	4455	905
ACZ 200/12	390	390	1075	645	845	110	645	-	-
ACZ 300/12	415	415	1195	705	805	115	705	-	-
ACZ 500/12	490	490	1440	840	940	125	840	-	-
ACZ 750/12	560	560	1710	1010	1210	160	1010	-	-
ACZ 1000/12	560	560	1960	1110	1310	155	1110	-	-
ACZ 1500/12	580	580	1980	1030	1130	125	1030	-	-
ACZ 2000/12	575	575	1975	1025	1125	105	1025	-	-
ACZ 2500/12	615	615	2015	1145	1245	85	1145	-	615
ACZ 3000/12	615	615	2315	1415	1515	85	1415	-	615
ACZ 4000/12	705	705	2405	1505	1605	135	1505	-	705
ACZ 5000/12	735	735	2435	1535	1635	115	1535	-	735
ACZ 7500/12	905	905	3555	2105	2205	225	2105	3455	905
ACZ 10000/12	905	905	4555	2105	2205	225	2105	4455	905
ACZ 200/16	390	390	1075	645	845	110	645	-	-
ACZ 300/16	415	415	1195	705	805	115	705	-	-
ACZ 500/16	490	490	1440	840	940	125	840	-	-
ACZ 750/16	555	555	1705	1005	1205	160	1005	-	-
ACZ 1000/16	560	560	1960	1110	1310	155	1110	-	-
ACZ 1500/16	570	570	1970	1020	1120	125	1020	-	-
ACZ 2000/16	590	590	1990	1040	1140	105	1040	-	-

ACZ Connection sizes

MODEL	DN1	DN2	DN4	DN7	DN8	DN11	DN15	DN18
ACZ 200/8	-	G1½"	G1¾"	G½"	G1½"	G1¾"	G½"	-
ACZ 300/8	G2"	G2"	G1¾"	G½"	G1½"	G1¾"	G½"	-
ACZ 500/8	G2"	G2"	G1¾"	G½"	G1½"	G1¾"	G½"	-
ACZ 750/8	G2"	G2"	G1½"	G½"	G1½"	G1½"	G½"	-
ACZ 1000/8	G2"	G2"	G1½"	G½"	G1½"	G1½"	G½"	-
ACZ 1500/8	G2"	G2"	G2"	G½"	G1½"	G2"	G½"	-
ACZ 2000/8	G2"	G2"	G2"	G½"	G1½"	G2"	G½"	-
ACZ 2500/8	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 3000/8	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 4000/8	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 5000/8	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 7500/8	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 10000/8	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 200/12	G1½"	G1½"	G1¾"	G½"	G1½"	G1¾"	G½"	-
ACZ 300/12	G2"	G2"	G1¾"	G½"	G1½"	G1¾"	G½"	-
ACZ 500/12	G2"	G2"	G1¾"	G½"	G1½"	G1¾"	G½"	-
ACZ 750/12	G2"	G2"	G1½"	G½"	G1½"	G1½"	G½"	-
ACZ 1000/12	G2"	G2"	G1½"	G½"	G1½"	G1½"	G½"	-
ACZ 1500/12	G2"	G2"	G2"	G½"	G1½"	G2"	G½"	-
ACZ 2000/12	G2"	G2"	G2"	G½"	G1½"	G2"	G½"	-
ACZ 2500/12	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 3000/12	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 4000/12	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 5000/12	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 7500/12	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 10000/12	G2¾"	G3"	G2"	G½"	G1½"	G2"	G½"	G2"
ACZ 200/16	G1½"	G1½"	G1¾"	G½"	G1½"	G1¾"	G½"	-
ACZ 300/16	G2"	G2"	G1¾"	G½"	G1½"	G1¾"	G½"	-
ACZ 500/16	G2"	G2"	G1¾"	G½"	G1½"	G1¾"	G½"	-
ACZ 750/16	G2"	G2"	G1½"	G½"	G1½"	G1½"	G½"	-
ACZ 1000/16	G2"	G2"	G1½"	G½"	G1½"	G1½"	G½"	-
ACZ 1500/16	G2"	G2"	G2"	G½"	G1½"	G2"	G½"	-
ACZ 2000/16	G2"	G2"	G2"	G½"	G1½"	G2"	G½"	-



SC/E



-10°C / +50°C

PMAX 10 BAR
(100 - 1000)

PMAX 6 BAR
(1500 - 5000)

Technical datasheet

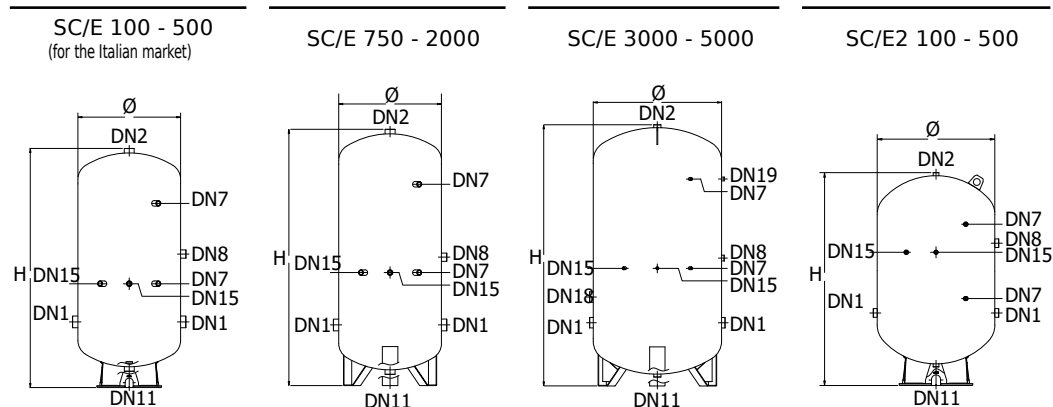


Galvanized tanks for cold water

MODEL	CODE	CAP. L	Ø mm	H mm	PM mm
SC/E2 100	1550101	100	500	780	930
SC/E2 200	1550209	200	600	1020	1190
SC/E2 300	1550306	300	650	1205	1370
SC/E2 500	1550403	500	775	1405	1610
SC/E 750	A4A0L60	747	790	1900	2060
SC/E 1000	A4A0L62	868	790	2150	2300
SC/E 1500	1550705	1643	1000	2475	2670
SC/E 2000	1550802	1952	1100	2445	2690
SC/E 3000	1551001	2986	1250	2825	3090
SC/E 5000	1551205	5129	1600	3020	3420

PM: Pivot measurement

SC/E Technical drawings



SC/E Connection heights (mm)

MODEL	DN1	DN7		DN8	DN11	DN15	DN18	DN19
SC/E2 100	310	365	535	490	80	495	-	-
SC/E2 200	355	510	750	670	105	625	-	-
SC/E2 300	385	555	915	795	105	765	-	-
SC/E2 500	480	575	1065	940	115	880	-	-
SC/E 750	470	870	1570	970	155	870	-	-
SC/E 1000	470	925	1725	1025	155	925	-	-
SC/E 1500	545	1045	1845	1145	120	1045	-	-
SC/E 2000	525	1075	2025	1175	105	1075	-	-
SC/E 3000	565	1255	2255	1355	85	1255	765	2255
SC/E 5000	670	1360	2360	1460	100	1360	870	2360
SC/E 100	265	415	765	515	90	415	-	-
SC/E 200	345	635	985	735	110	635	-	-
SC/E 300	345	835	1435	985	110	835	-	-
SC/E 500	410	810	1510	910	125	810	-	-

SC/E Connection sizes

MODEL	DN1	DN2	DN7	DN8	DN11	DN15	DN18	DN19
SC/E2 100	G1"	G1"	G½"	G1"¼	G2"	G½"	-	-
SC/E2 200	G1"¼	G1"	G½"	G1"¼	G2"	G½"	-	-
SC/E2 300	G1"¼	G1"	G½"	G1"¼	G2"	G½"	-	-
SC/E2 500	G1"½	G1"	G½"	G1"½	G2"	G½"	-	-
SC/E 750	G2"	G1"½	G½"	G1"½	G1"½	G½"	-	-
SC/E 1000	G2"	G1"½	G½"	G1"½	G1"½	G½"	-	-
SC/E 1500	G2"	G2"	G½"	G1"½	G2"	G½"	-	-
SC/E 2000	G2"	G2"	G½"	G1"½	G2"	G½"	-	-
SC/E 3000	G2"½	G2"	G½"	G1"½	G2"	G½"	G2"½	G1"½
SC/E 5000	G2"½	G2"	G½"	G1"½	G2"	G½"	G2"½	G1"½
SC/E 100	G1"	G1"¼	G½"	G1"¼	G1"¼	G½"	-	-
SC/E 200	G2"	G1"¼	G½"	G1"½	G1"¼	G½"	-	-
SC/E 300	G2"	G1"¼	G½"	G1"½	G1"¼	G½"	-	-
SC/E 500	G2"	G1"¼	G½"	G1"½	G1"¼	G½"	-	-

ss-217r





I-BOLL

+ 95°C

P_{MAX} 10 BAR
(storage)

P_{MAX} 3 BAR
(inertial)

+ 110°C

P_{SCA} 12 BAR

Technical datasheet



Glasslined cylinder with integrated buffer tank for production and storage of domestic hot water

MODEL	CODE	ENERGY LABEL	CAP. L	CAP. VS L	CAP. ACC. L	HEAT EXCHANGER m ²	L	Ø mm	H mm	PM mm
I-BOLL 300	A3K0L51 PGP40	B	401	269	132	3.4	20	650	1970	2075
I-BOLL 500	A3K0L55 PGP40	C	610	460	150	5.5	33	750	2280	2405

PM: Pivot measurement

I-BOLL Connection heights (mm)

MODEL	DN1	DN2	DN3	DN4	DN6	DN7	DN8	DN9	DN11	DN14	DN15	DN24	DN25	DN26	DN27
I-BOLL 300	1650	825	795	1695	1530	885	915	1695	780	265	345	345	235	345	235
I-BOLL 500	1915	870	840	1990	1770	930	960	1990	825	270	380	380	230	380	230

I-BOLL Connection sizes

MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN8	DN9	DN10	DN11	DN14	DN15	DN24	DN25	DN26	DN27
I-BOLL 300	32 x G1¼" x 520	G1¼"	G1¼"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	G1½"	G½"	G1"	G1"	G1"	G1"
I-BOLL 500	32 x G1¼" x 700	G1¼"	G1¼"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	G1½"	G½"	G1"	G1"	G1"	G1"

Mono-tube cylinder for heat pumps

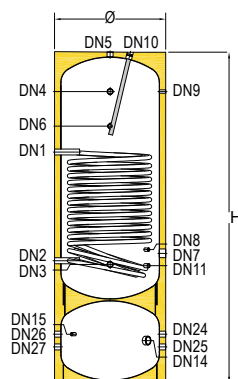


Buffer tank



I-BOLL Technical drawings

I-BOLL 300 - 500





BSH



+ 95°C



+ 110°C



P_{MAX}
Vs 10 BAR



P_{SCA} 12 BAR

Technical datasheet



Glasslined cylinder with fixed heat exchanger for sanitary hot water, wall mounting

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER		Ø mm	H mm	DB mm	P mm	BP mm
BSH-100	A3B0L38 PGP55	B	92	0.4	3	510	960	400	245	545
BSH-150	A3B0L43 PGP55	B	147	0.6	4	610	1010	300	144	630
BSH-200	A3B0L47 PGP55	B	189	0.8	5	610	1230	570	144	630
BSH-300	A3B0L51 PGP75	C	273	1.2	7	610	1620	920	144	655

BSH Connection heights (mm)

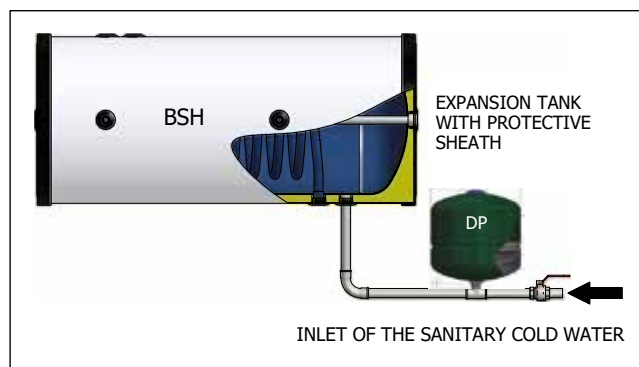
MODEL	VERTICAL MOUNTING						HORIZONTAL MOUNTING					
	DN1	DN2	DN3	DN15		DN18	DN1	DN2	DN3	DN4	DN15	
BSH-100	660	300	210	370	750	750	300	660	750	210	370	750
BSH-150	665	345	265	460	745	745	345	665	745	265	460	745
BSH-200	885	345	265	415	965	965	345	885	965	265	415	965
BSH-300	1190	430	245	485	1385	1375	430	1190	1375	245	485	1385

BSH Connection sizes

MODEL	ANODE Ø x Ø conn. x L	VERTICAL MOUNTING							HORIZONTAL MOUNTING						
		DN1	DN2	DN3	DN5	DN10	DN15	DN18	DN1	DN2	DN3	DN4	DN10	DN15	DN18
BSH-100	32 x G1¼" x 150	G1"	G1"	G1"	G1¼"	G1¼"	G½"	G1"	G1"	G1"	G1"	G1"	G1¼"	G½"	G1¼"
BSH-150	32 x G1¼" x 200	G1"	G1"	G1"	G1¼"	G1¼"	G½"	G1"	G1"	G1"	G1"	G1"	G1¼"	G½"	G1¼"
BSH-200	32 x G1¼" x 200	G1"	G1"	G1"	G1¼"	G1¼"	G½"	G1"	G1"	G1"	G1"	G1"	G1¼"	G½"	G1¼"
BSH-300	32 x G1¼" x 320	G1"	G1"	G1"	G1¼"	G1¼"	G½"	G1"	G1"	G1"	G1"	G1"	G1¼"	G½"	G1¼"

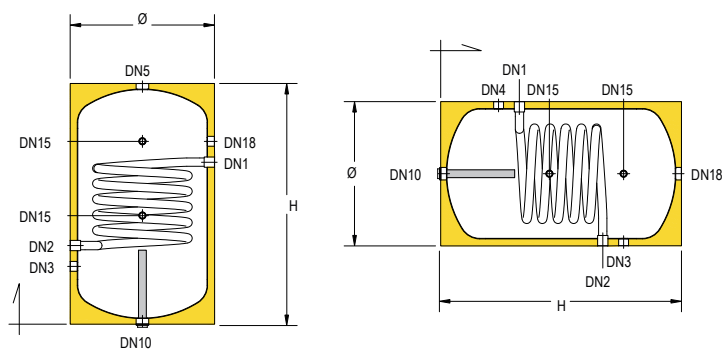


BSH Installation

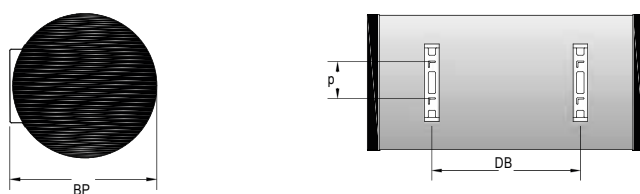


BSH Technical drawings

BSH VERTICAL/HORIZONTAL INSTALLATION



BSH BRACKETS





BSV



+ 95°C



+ 110°C

P_{MAX} Vs 10 BAR
(mod. 150 - 1000)

P_{MAX} Vs 6 BAR
(mod. 1500 - 2000)

P_{SCA} 12 BAR

Technical datasheet



Glasslined cylinders with fixed heat exchanger for sanitary hot water

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER		Ø mm	H mm	PM mm
BSV-150	A3A0L43 PGP55	B	148	0.6	5	610	980	1160
BSV-200	A3A0L47 PGP55	B	189	0.7	6	610	1200	1350
BSV-300	A3A0L51 PGP75	B	273	1.2	9	650	1670	1800
BSV-500	A3A0L55 PGP55	C	483	1.45	11	760	1735	1900
BSV-800	A3A0L60 PGP75	C	728	2	19	940	1815	2050
BSV-1000	A3A0L62 PGP75	C	843	2.4	25	940	2065	2270
BSV-800 + FI	A3A1L60 PGP75	C	730	2	19	940	1815	2050
BSV-1000 + FI	A3A1L62 PGP75	C	845	2.4	25	940	2065	2270
BSV-1500 + FI	A3A1H67 VW4A5	C	1609	3.6	36	1270	2530	2840
BSV-2000 + FI	A3A1H70 VW4A5	C	1906	4.3	48	1370	2510	2860

FI: Flange Version
PM: Pivot measurement

FOR EXTRA EUROPEAN MARKETS ONLY (not conform to EU directive 2009/125/CE)

MODEL	CODE	CAP. L	Ø mm	H mm	PM mm
BSV-800 EXP	A3A0L60 PGP45	728	900	1800	2015
BSV-1000 EXP	A3A0L62 PGP45	843	900	2050	2240

BSV Connection heights (mm)

MODEL	DN1	DN2	DN3	DN4	DN6	DN7	DN8	DN9	DN10	DN11	DN12	DN13	DN14	DN19
BSV-150	585	305	225	720	490	255	470	690	-	225	-	-	-	-
BSV-200	675	325	240	940	770	280	790	940	-	225	-	-	-	-
BSV-300	920	320	235	1385	1095	275	940	1385	-	220	-	-	-	-
BSV-500	1060	365	280	1430	1245	295	1080	1430	-	265	-	-	-	-
BSV-800	1110	430	320	1450	1230	345	670	1450	-	300	-	-	-	-
BSV-1000	1270	430	320	1690	1420	345	675	1700	-	300	-	-	-	-
BSV-800 + FI	1110	430	320	1450	1230	-	690	1450	-	300	-	-	-	415
BSV-1000 + FI	1270	430	320	1690	1420	-	675	1700	-	300	-	-	-	415
BSV-1500 + FI	1345	545	455	2035	1695	-	760	2035	2035	80	895	1445	1595	550
BSV-2000 + FI	1425	535	445	2025	1685	-	760	2025	2025	80	885	1475	1605	540

BSV Connection sizes

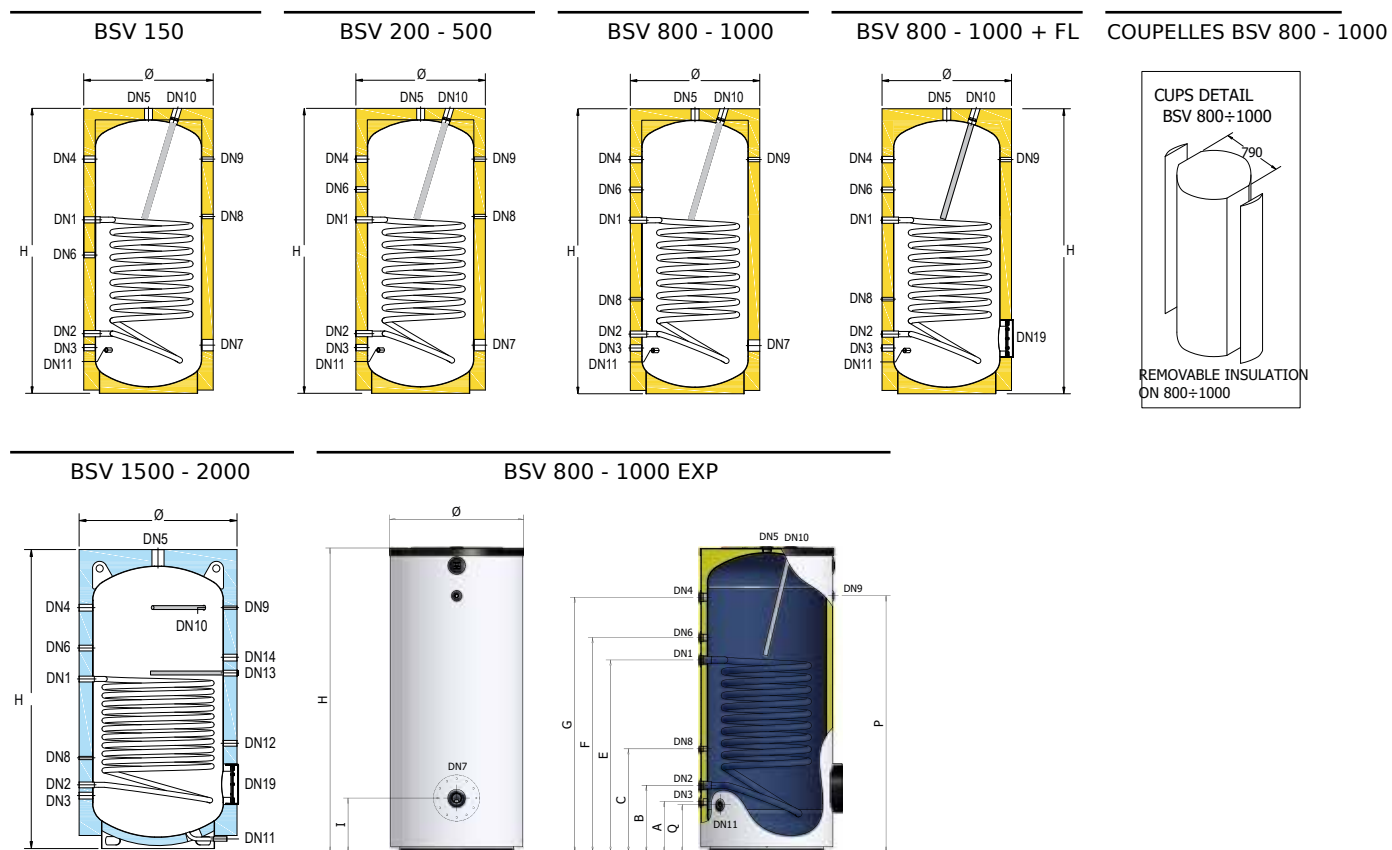
MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN8	DN9	DN10	DN11	DN12	DN13	DN14	DN19
BSV-150	32 x G1¼" x 320	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	-	-	-	-
BSV-200	32 x G1¼" x 320	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	-	-	-	-
BSV-300	32 x G1¼" x 520	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	-	-	-	-
BSV-500	32 x G1¼" x 700	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	-	-	-	-
BSV-800	32 x G1¼" x 700	G1¼"	G1¼"	G1"	G1¼"	G1¼"	G1"	G2"	G½"	G½"	G1¼"	G¾"	-	-	-	-
BSV-1000	32 x G1¼" x 700	G1¼"	G1¼"	G1"	G1¼"	G1¼"	G1"	G2"	G½"	G½"	G1¼"	G¾"	-	-	-	-
BSV-800 + FI	32 x G1¼" x 700	G1¼"	G1¼"	G1"	G1¼"	G1¼"	G1"	-	G½"	G½"	G1¼"	G¾"	-	-	-	Ø 220
BSV-1000 + FI	32 x G1¼" x 700	G1¼"	G1¼"	G1"	G1¼"	G1¼"	G1"	-	G½"	G½"	G1¼"	G¾"	-	-	-	Ø 220
BSV-1500 + FI	32 x G1¼" x 700	G1¼"	G1¼"	G1½"	G1½"	G3"	G1¼"	-	G½"	G½"	G1¼"	G1"	G1¼"	G1½"	G1¼"	Ø 220
BSV-2000 + FI	32 x G1¼" x 700	G1¼"	G1¼"	G1½"	G1½"	G3"	G1¼"	-	G½"	G½"	G1¼"	G1"	G1¼"	G1½"	G1¼"	Ø 220



BSV Installation



BSV Technical drawings





BSP



+ 95°C



+ 110°C

P_{MAX}
Vs

10 BAR

P_{SCA}

12 BAR

Technical datasheet



Glasslined dhw cylinders with fixed exchanger for heat pumps

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER		Ø mm	H mm	PM mm	DB mm	P mm	BP mm
BSP-P 150 *	A3TSL43 PGP55	B	146	1.2	6	610	1010	-	300	290	630
BSP-P 200 *	A3TSL47 PGP55	B	182	2.1	10	610	1230	-	570	290	630
BSP-300	A3T0L51 PGP75	B	261	3.4	21	650	1670	1800	-	-	-
BSP-500	A3T0L55 PGP55	C	453	5.5	41	760	1735	1900	-	-	-
BSP-800	A3T0L60 PGP75	C	702	6.2	45	940	1815	2050	-	-	-
BSP-1000	A3T0L62 PGP75	C	823	6.2	45	940	2065	2270	-	-	-

PM: Pivot measurement

* Wall-hung models

BSP Connection heights (mm)

MODEL	VERTICAL INSTALLATION							HORIZONTAL INSTALLATION						
	DN1	DN2	DN3	DN7	DN9	DN10	DN15	DN1	DN2	DN3	DN4	DN9	DN15	DN18
BSP-P 150 *	675	355	265	295	725	755	365	355	675	765	265	305	665	735
BSP-P 200 *	905	345	265	295	945	985	355	345	905	985	265	305	895	955

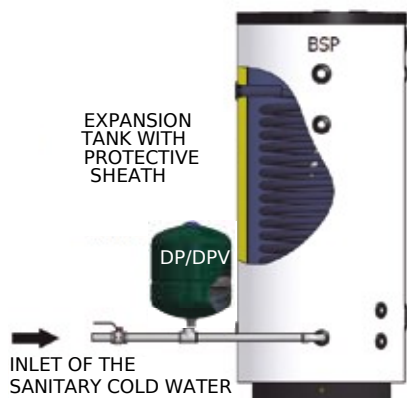
MODEL	DN1	DN2	DN3	DN4	DN6	DN7	DN8	DN9	DN11
BSP-300	1325	265	235	1385	1095	325	370	1385	220
BSP-500	1380	310	280	1430	1140	355	390	1430	265
BSP-800	1220	340	310	1460	1250	380	430	1460	300
BSP-1000	1220	340	310	1710	1430	380	430	1710	300

BSP Connection sizes

		VERTICAL INSTALLATION										HORIZONTAL INSTALLATION							
MODEL	ANODE ø x ø conn. x L	DN1	DN2	DN3	DN4	DN7	DN9	DN10	DN11	DN15	DN1	DN2	DN3	DN4	DN7	DN9	DN10	DN15	DN18
BSP-P 150 *	32 x G1¼" x 320	G1"	G1"	G1¼"	G1¼"	G1½"	G½"	G1¼"	G1¼"	G½"	G1"	G1"	G1¼"	G1¼"	G1¼"	G½"	G1¼"	G½"	G1½"
BSP-P 200 *	32 x G1¼" x 320	G1"	G1"	G1¼"	-	G1½"	G½"	G1¼"	G1¼"	G½"	G1"	G1"	G1¼"	G1¼"	G1¼"	G½"	G1¼"	G½"	G1½"
MODEL	ANODE ø x ø conn. x L	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN8	DN9	DN10	DN11							
BSP-300	32 x G1¼" x 520	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"							
BSP-500	32 x G1¼" x 700	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"							
BSP-800	32 x G1¼" x 700	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G2"	G½"	G½"	G1¼"	G¾"							
BSP-1000	32 x G1¼" x 700	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G2"	G½"	G½"	G1¼"	G¾"							

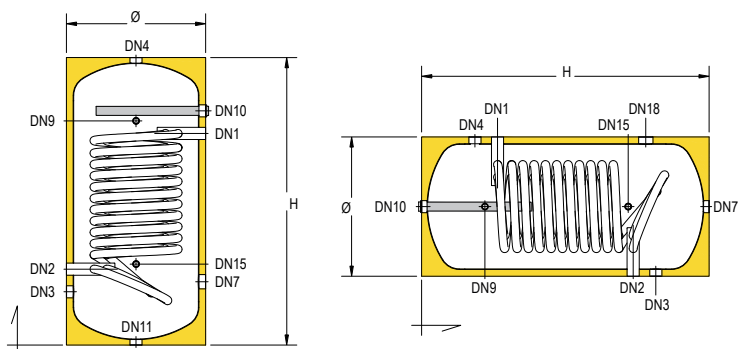


BSP Installation

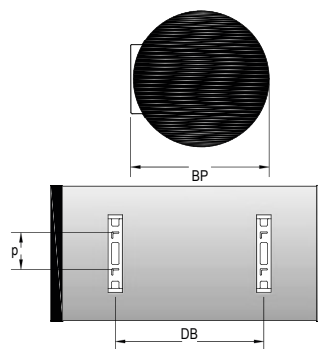


BSP Technical drawings

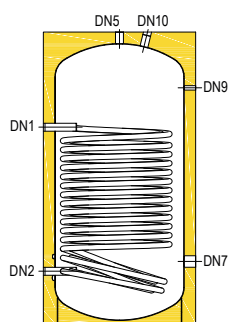
BSP - P 150-200 WALL INSTALLATION



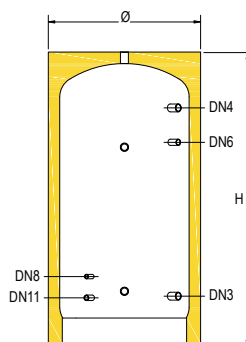
BSP-P BRAEKETS



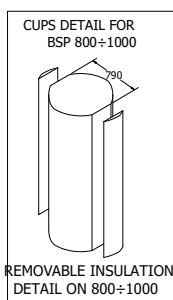
BSP 300-1000



BSP 300-1000



BSP 800 - 1000 CUPS





BST



+ 95°C



+ 110°C

P_{MAX}
Vs 10 BAR
(mod. 200-1000)

P_{MAX}
Vs 6 BAR
(mod. 1500-2000)

P_{SCA} 12 BAR

Technical datasheet



Glasslined cylinder for solar thermal use with two fixed heat exchangers

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER				Ø mm	H mm	PM mm
				LOWER		UPPER				
				m²	L	m²	L			
BST-200	A3E0L47 PGP55	B	184	0.7	6	0.5	5	610	1200	1350
BST-300	A3E0L51 PGP75	B	267	1.2	9	0.75	6	650	1670	1800
BST-500	A3E0L55 PGP55	C	472	1.8	14	0.9	8	760	1735	1900
BST-800	A3E0L60 PGP75	C	716	2	19	1.2	12	940	1815	2050
BST-1000	A3E0L62 PGP75	C	831	2.4	25	1.2	12	940	2065	2270
BST-800 + FI	A3E1L60 PGP75	C	718	2	19	1.2	12	940	1815	2050
BST-1000 + FI	A3E1L62 PGP75	C	833	2.4	25	1.2	12	940	2065	2270
BST-1500 + FI	A3E1H67 VW4A5	C	1589	3.6	36	1.6	18	1270	2530	2840
BST-2000 + FI	A3E1H70 VW4A5	C	1880	4.3	48	2.1	24	1370	2510	2860

FI: Flange Version
PM: pivot measurement

FOR EXTRA EUROPEAN MARKETS ONLY (not conform to EU directive 2009/125/CE)

MODEL	CODE	CAP. L	Ø mm	H mm	PM mm
BST-800 EXP	A3E0L60 PGP45	716	900	1800	2015
BST-1000 EXP	A3E0L62 PGP45	831	900	2050	2240

BST Connection heights (mm)

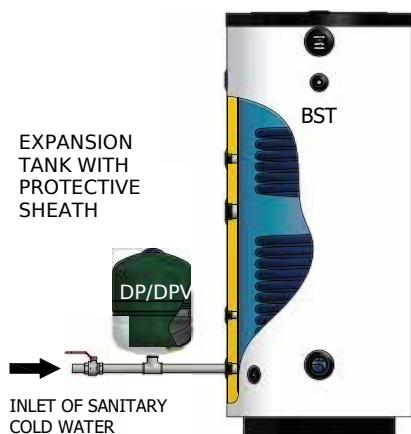
MODEL	DN1	DN2	DN3	DN4	DN6	DN7	DN8		DN9	DN10	DN11	DN12	DN13	DN14	DN16	DN17	DN19
BST-200	585	235	235	935	760	250	350	-	935	-	220	-	-	635	930	680	-
BST-300	835	235	235	1385	1095	250	380	-	1385	-	220	-	-	875	1315	930	-
BST-500	820	280	280	1430	1115	295	495	-	1430	-	265	-	-	905	1250	980	-
BST-800	950	430	320	1450	1175	345	635	-	1450	-	300	-	-	965	1400	1100	-
BST-1000	1070	430	320	1700	1395	345	635	-	1700	-	300	-	-	1160	1520	1220	-
BST-800 + FI	950	430	320	1450	1175	-	635	-	1450	-	300	-	-	965	1400	1100	415
BST-1000 + FI	1070	430	320	1700	1395	-	635	-	1700	-	300	-	-	1160	1520	1220	415
BST-1500 + FI	1345	545	455	2035	1795	-	760	1820	2035	1445	80	895	2035	1565	1995	1645	550
BST-2000 + FI	1425	535	445	2025	1785	-	760	1780	2025	1455	80	885	2025	1565	2025	1605	540

BST Connection sizes

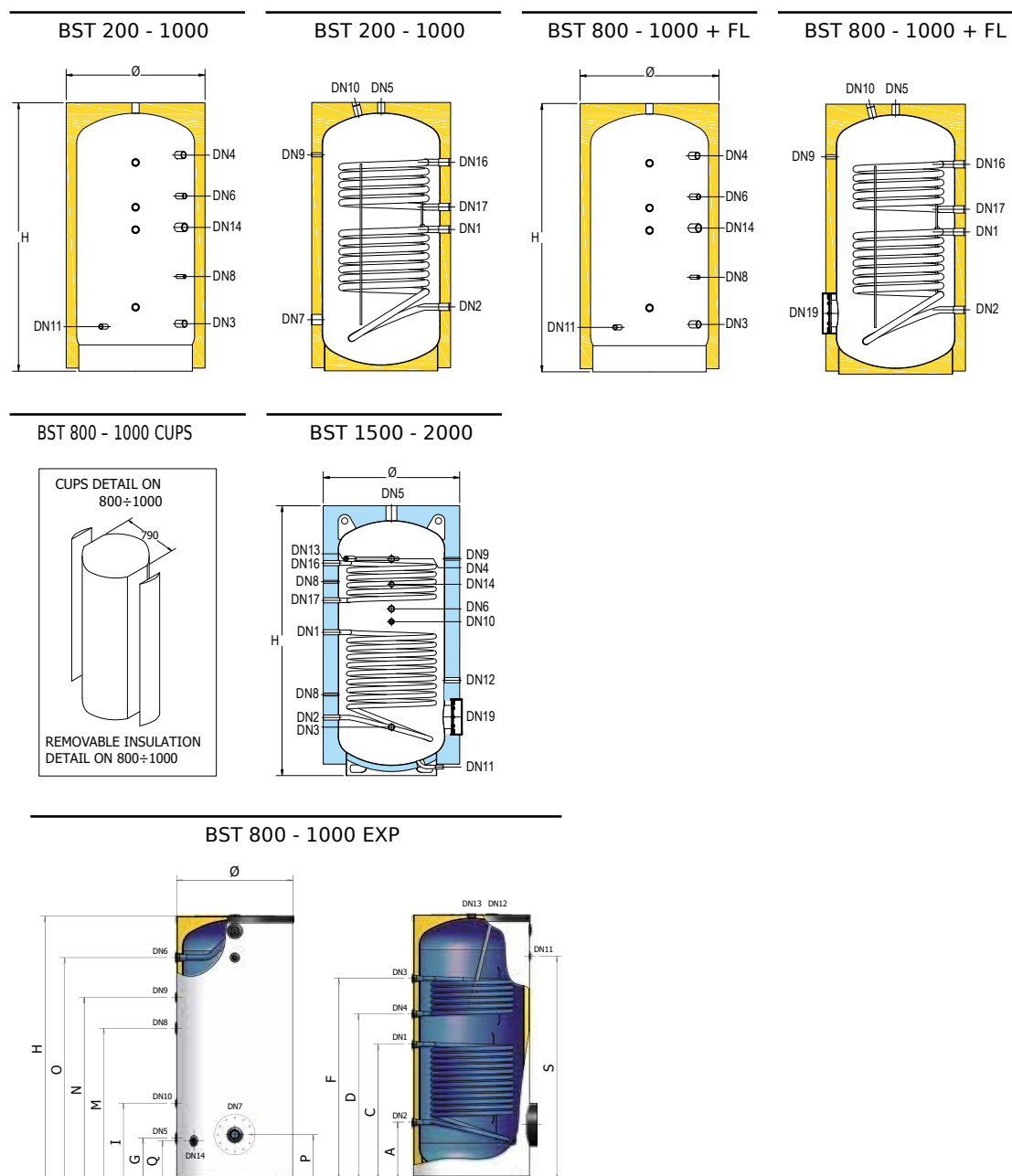
MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN8	DN9	DN10	DN11	DN12	DN13	DN14	DN16	DN17	DN19
BST-200	32 x G1¼" x 320	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	-	-	G1½"	G1"	G1"	-
BST-300	32 x G1¼" x 520	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	-	-	G1½"	G1"	G1"	-
BST-500	32 x G1¼" x 700	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	-	-	G1½"	G1"	G1"	-
BST-800	32 x G1¼" x 700	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G2"	G½"	G½"	G1¼"	G¾"	-	-	G1½"	G1¼"	G1¼"	-
BST-1000	32 x G1¼" x 700	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G2"	G½"	G½"	G1¼"	G¾"	-	-	G1½"	G1¼"	G1¼"	-
BST-800 + FI	32 x G1¼" x 700	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1"	-	G½"	G½"	G1¼"	G¾"	-	-	G1½"	G1¼"	G1¼"	Ø 220
BST-1000 + FI	32 x G1¼" x 700	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1"	-	G½"	G½"	G1¼"	G¾"	-	-	G1½"	G1¼"	G1¼"	Ø 220
BST-1500 + FI	32 x G1¼" x 700	G1¼"	G1¼"	G1½"	G1½"	G3"	G1¼"	-	G½"	G½"	G1¼"	G1"	G1¼"	G1¼"	G1½"	G1¼"	G1¼"	Ø 220
BST-2000 + FI	32 x G1¼" x 670	G1¼"	G1¼"	G1½"	G1½"	G3"	G1¼"	-	G½"	G½"	G1¼"	G1"	G1¼"	G1¼"	G1½"	G1¼"	G1¼"	Ø 220



BST Installation



BST Technical drawings





BSPT



+ 95°C



+ 110°C



10 BAR



12 BAR

Technical datasheet



Glasslined dhw cylinders with two fixed exchangers for heat pumps

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER				Ø mm	H mm	PM mm
				LOWER m²	L	UPPER m²	L			
BSPT-300	A3T2L51 PGP75	B	261	0.9	7	2.2	14	650	1670	1800
BSPT-500	A3T2L55 PGP55	C	453	1.1	9	4	32	760	1735	1900
BSPT-800	A3T2L60 PGP75	C	690	1.9	15	5.3	42	940	1815	2050
BSPT-1000	A3T2L62 PGP75	C	799	3	24	5.7	45	940	2065	2270

PM: pivot measurement

BSPT Connection heights (mm)

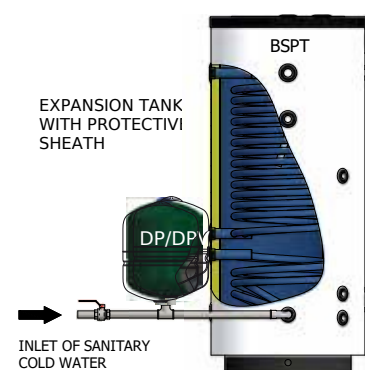
MODEL	DN1	DN2	DN3	DN4	DN6	DN7	DN8		DN9	DN11	DN16	DN17	DN18
BSPT-300	1345	685	235	1385	1095	315	875	355	1385	220	565	275	620
BSPT-500	1420	640	280	1430	1210	350	935	390	1430	265	540	290	590
BSPT-800	1440	735	310	1460	1250	390	945	435	1460	300	630	330	685
BSPT-1000	1680	930	310	1710	1430	400	1095	445	1710	300	775	340	855

BSPT Connection sizes

MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN8	DN9	DN10	DN11	DN16	DN17	DN18
BSPT-300	32 x G1¼" x 520	G1"	G1"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	G1"	G1"	G1½"
BSPT-500	32 x G1¼" x 700	G1¼"	G1¼"	G1"	G1"	G1¼"	G¾"	G2"	G½"	G½"	G1¼"	G½"	G1¼"	G1¼"	G1½"
BSPT-800	32 x G1¼" x 700	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G2"	G½"	G½"	G1¼"	G¾"	G1¼"	G1¼"	G1½"
BSPT-1000	32 x G1¼" x 700	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G2"	G½"	G½"	G1¼"	G¾"	G1¼"	G1¼"	G1½"

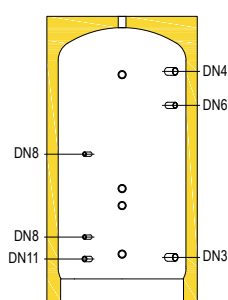


BSPT Installation

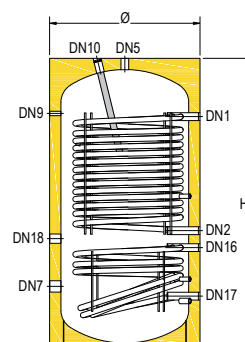


BSPT Technical drawings

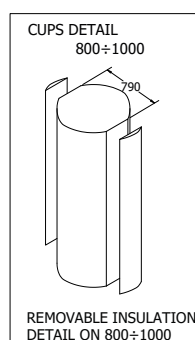
BSPT 300-1000



BSPT 300-1000



BSPT 800 - 1000 CUPS





Hybrid BSPT

+ 95°C

+ 110°C

PMAX
Vs 10 BAR

PSCA 12 BAR

Technical datasheet



Glasslined dhw cylinders with two fixed exchangers for dhw production with hybrid systems (heat pump and boiler)

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER				Ø mm	H mm	PM mm
				LOWER m²	L	UPPER m²	L			
H-BSPT 300	A3TIL51 PGP75	B	261	2.2	14	0.9	7	650	1670	1800
H-BSPT 500	A3TIL55 PGP55	C	453	4	32	1.1	9	760	1735	1900

PM: pivot measurement

Hybrid BSPT Connection heights (mm)

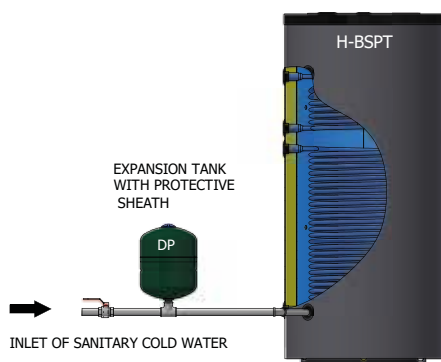
MODEL	DN1	DN2	DN3	DN4	DN6	DN7	DN8		DN9	DN11	DN16	DN17
H-BSPT 300	935	275	235	1385	1095	995	595	1185	1385	220	1345	1055
H-BSPT 500	1070	290	280	1430	1210	1120	690	1270	1430	265	1420	1170

Hybrid BSPT Connection sizes

MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN8	DN9	DN10	DN11	DN16	DN17
H-BSPT 300	32 x G1¼" x 520	G1"	G1"	G1"	G1"	G1¼"	G¾"	G1½"	G½"	G½"	G1¼"	G½"	G1"	G1"
H-BSPT 500	32 x G1¼" x 520	G1¼"	G1¼"	G1"	G1"	G1¼"	G¾"	G1½"	G½"	G½"	G1¼"	G½"	G1¼"	G1¼"

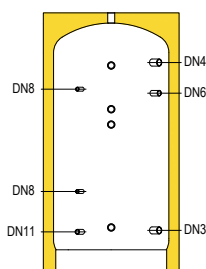


Hybrid BSPT Installation

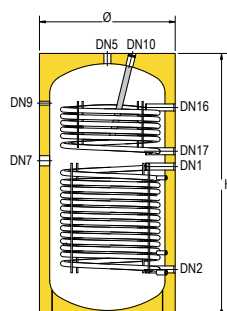


Hybrid BSPT Technical drawings

H-BSPT 300-500



H-BSPT 300-500





BF1

+ 95°C

+ 110°C

P_{MAX} 6 BAR
Vs (8 bar on request)

P_{SCA} 12 BAR

Technical datasheet



Glasslined cylinders with removable stainless steel heat exchanger

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER		Ø mm	H mm	PM mm
				m ²	L			
BF-1 1500	A340H67 VW4A5	C	1627	3	11	1270	2540	2840
BF-1 2000	A340H70 VW4A5	C	1942	4	14	1370	2520	2870
BF-1 3000	A340H74 VW050	-	2957	6	21	1350	2840	3150
BF-1 5000	A340H80 VW050	-	5091	10	36	1700	3025	3470

PM: pivot measurement

BF1 Connection heights (mm)

MODEL	DN1	DN2	DN3	DN6	DN7	DN10	DN11	DN12	DN13	DN15	DN20
BF-1 1500	530	755	475	1295	1545	945	80	695	1445	2045	1060
BF-1 2000	520	745	465	1285	1535	935	80	685	1435	2035	1050
BF-1 3000	565	790	530	1480	1730	980	80	730	1630	2380	1095
BF-1 5000	660	885	625	1575	1825	1075	80	825	1725	2475	1190

BF1 Connection sizes

MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN5	DN6	DN7	DN10	DN11	DN12	DN13	DN15	DN20
BF-1 1500	32 x G1¼" x 670	G1½"	G1½"	G2½"	G3"	G1½"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"	G1¼"
BF-1 2000	32 x G1¼" x 670	G1½"	G1½"	G2½"	G3"	G1½"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"	G1¼"
BF-1 3000	32 x G1¼" x 700	G1½"	G1½"	G3"	G3"	G1½"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"	G1¼"
BF-1 5000	40 x G1½" x 640	G1½"	G1½"	G3"	G3"	G1½"	G2"	G1½"	G1"	G1¼"	G1½"	G½"	G1¼"



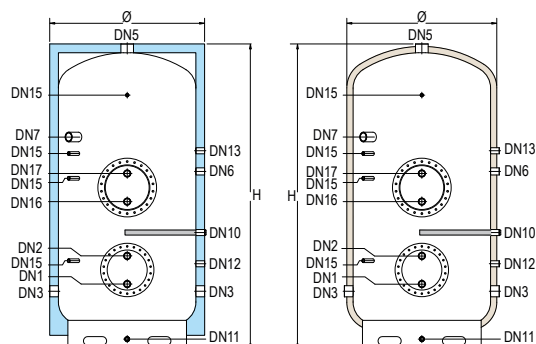
BF1 Installation



BF1 Technical drawings

BF1 1500 - 2000

BF1 3000 - 5000





BF2



+ 95°C



+ 110°C

P_{MAX} 6 BAR
V_s (8 bar on request)

P_{SCA} 12 BAR

Technical datasheet



Glasslined cylinders with two removable stainless steel heat exchangers

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER				Ø mm	H mm	PM mm
				LOWER		CENTRAL				
				m²	L	m²	L			
BF-2 1500	A370H67 VW4A5	C	1611	4	14	3	11	1270	2540	2840
BF-2 2000	A370H70 VW4A5	C	1926	4	14	4	14	1370	2520	2870
BF-2 3000	A370H74 VW050	-	2928	6	21	6	21	1350	2840	3150
BF-2 5000	A370H80 VW050	-	5053	10	36	10	36	1700	3025	3470

PM: pivot measurement

BF2 Connection heights (mm)

MODEL	DN1	DN2	DN3	DN6	DN7	DN10	DN11	DN12	DN13	DN15				DN16	DN17
BF-2 1500	530	755	475	1295	1545	945	80	695	1445	2045	1425	1245	645	1130	1355
BF-2 2000	520	745	465	1285	1535	935	80	685	1435	2035	1415	1235	635	1120	1345
BF-2 3000	565	790	530	1480	1730	980	80	730	1630	2380	1520	1280	680	1165	1390
BF-2 5000	660	885	625	1575	1825	1075	80	825	1725	2475	1615	1375	775	1260	1485

BF2 Connection sizes

MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN5	DN6	DN7	DN10	DN11	DN12	DN13	DN15	DN16	DN17
BF-2 1500	32 x G1¼" x 670	G1½"	G1½"	G2½"	G3"	G1½"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"	G1½"	G1½"
BF-2 2000	32 x G1¼" x 670	G1½"	G1½"	G2½"	G3"	G1½"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"	G1½"	G1½"
BF-2 3000	32 x G1¼" x 700	G1½"	G1½"	G3"	G3"	G1½"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"	G1½"	G1½"
BF-2 5000	40 x G1½" x 640	G1½"	G1½"	G3"	G3"	G1½"	G2"	G1½"	G1"	G1¼"	G1½"	G½"	G1½"	G1½"

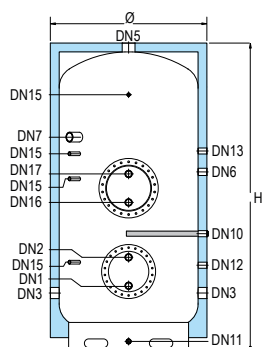


BF2 Installation

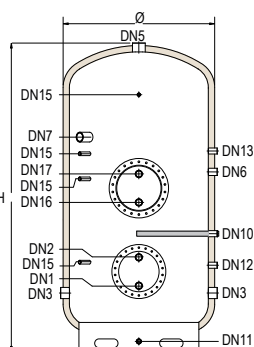


BF2 Technical drawings

BF2 1500 - 2000



BF2 3000 - 5000





BF3

+ 95°C

+ 110°C

PMAX 6 BAR
Vs (8 bar on request)

PSCA 12 BAR

Technical datasheet



Glasslined cylinders with three removable stainless steel heat exchangers

MODEL	CODE	ENERGY LABEL	CAP. L	LOWER		HEAT EXCHANGER CENTRAL		UPPER		Ø mm	H mm	PM mm
				m²	L	m²	L	m²	L			
BF3-1500	A380H67 VW4A5	C	1604	4	14	3	11	1.6	5	1270	2540	2840
BF3-2000	A380H70 VW4A5	C	1916	4	14	4	14	2.5	9	1370	2520	2870
BF3-3000	A380H74 VW050	-	2914	6	21	6	21	3	11	1350	2840	3150
BF3-5000	A380H80 VW050	-	5032	10	36	10	36	5	18	1700	3025	3470

PM: pivot measurement

BF3 Connection heights (mm)

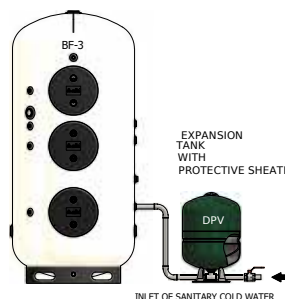
MODEL	DN1	DN2	DN3	DN6	DN7	DN10	DN11	DN12	DN13	DN15					DN16	DN17	DN21	DN22
BF3-1500	530	755	475	1295	1545	945	80	695	1445	645	1245	1425	1745	2045	1130	1355	1630	1855
BF3-2000	520	745	465	1285	1535	935	80	685	1435	635	1235	1415	1735	2035	1120	1345	1620	1845
BF3-3000	565	790	530	1480	1730	980	80	730	1630	680	1280	1520	1930	2380	1165	1390	1815	2040
BF3-5000	660	885	625	1575	1825	1075	80	825	1725	775	1375	1615	2025	2475	1260	1485	1920	2140

BF3 Connection sizes

MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN5	DN6	DN7	DN10	DN11	DN12	DN13	DN15	DN16	DN17	DN21	DN22
BF3-1500	32 x G1¼" x 670	G1½"	G1½"	G2½"	G3"	G1½"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"	G1½"	G1½"	G1½"	G1½"
BF3-2000	32 x G1¼" x 670	G1½"	G1½"	G2½"	G3"	G1½"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"	G1½"	G1½"	G1½"	G1½"
BF3-3000	32 x G1¼" x 700	G1½"	G1½"	G3"	G3"	G1½"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"	G1½"	G1½"	G1½"	G1½"
BF3-5000	40 x G1½" x 640	G1½"	G1½"	G3"	G3"	G1½"	G2"	G1½"	G1"	G1¼"	G1½"	G½"	G1½"	G1½"	G1½"	G1½"

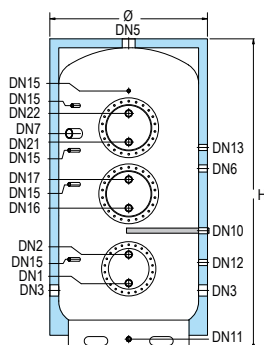


BF3 Installation

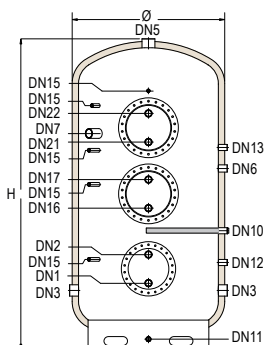


BF3 Technical drawings

BF3 1500 - 2000



BF3 3000 - 5000





oseta

DHW CYLINDERS/BUFFER TANKS
INERTIAL ACCUMULATORS



SAC



+ 95°C

P_{MAX}
Vs 10 BAR
(mod. 300 - 1000)

P_{MAX}
Vs 6 BAR
(mod. 1500 - 5000)

Technical datasheet



Glasslined cylinders for sanitary hot water

MODEL	CODE	ENERGY LABEL	CAP. L	Ø mm	H mm	PM mm
SAC-300	A3I0L51 PGP75	B	282	650	1670	1800
SAC-500	A3I0L55 PGP55	C	494	760	1735	1900
SAC-800	A3I0L60 PGP75	C	747	940	1815	2050
SAC-1000	A3I0L62 PGP75	C	868	940	2065	2270
SAC-1500	A3I0H67 VW4A5	C	1643	1270	2530	2840
SAC-2000	A3I0H70 VW4A5	C	1952	1370	2510	2860
SAC-3000	A3I0H74 VW050	-	2986	1350	2840	3150
SAC-5000	A3I0H80 VW050	-	5129	1700	3035	3480

PM: pivot measurement

FOR EXTRA EUROPEAN MARKETS ONLY (not conform to EU directive 2009/125/CE)

MODEL	CODE	CAP. L	Ø mm	H mm	PM mm
SAC-800 EXP	A3I0L60 PGP45	747	900	1800	2015
SAC-1000 EXP	A3I0L62 PGP45	868	900	2050	2240
SAC-1500 EXP	A3I0H67 VW050	1641	1100	2465	2700
SAC-2000 EXP	A3I0H70 VW050	1958	1200	2445	2725

SAC Connection heights (mm)

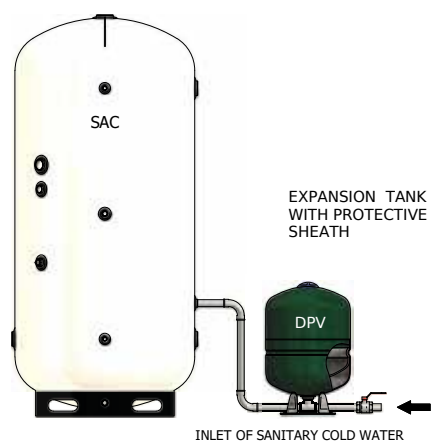
MODEL	DN1	DN2	DN3	DN6	DN7	DN10	DN11	DN12	DN13	DN15
SAC-300	1365	255	255	810	735	-	220	-	-	255 1365
SAC-500	1410	300	300	855	770	-	265	-	-	300 1410
SAC-800	1440	330	330	885	840	-	300	-	-	330 1440
SAC-1000	1680	340	340	1010	910	-	300	-	-	340 1680
SAC-1500	2015	475	475	1245	1545	945	80	695	1395	475 2015
SAC-2000	2005	465	465	1235	1535	935	80	685	1385	465 2005
SAC-3000	2330	530	530	1430	1730	980	80	730	1580	530 2330
SAC-5000	2425	625	625	1525	1825	1075	80	825	1675	625 2425

SAC Connection sizes

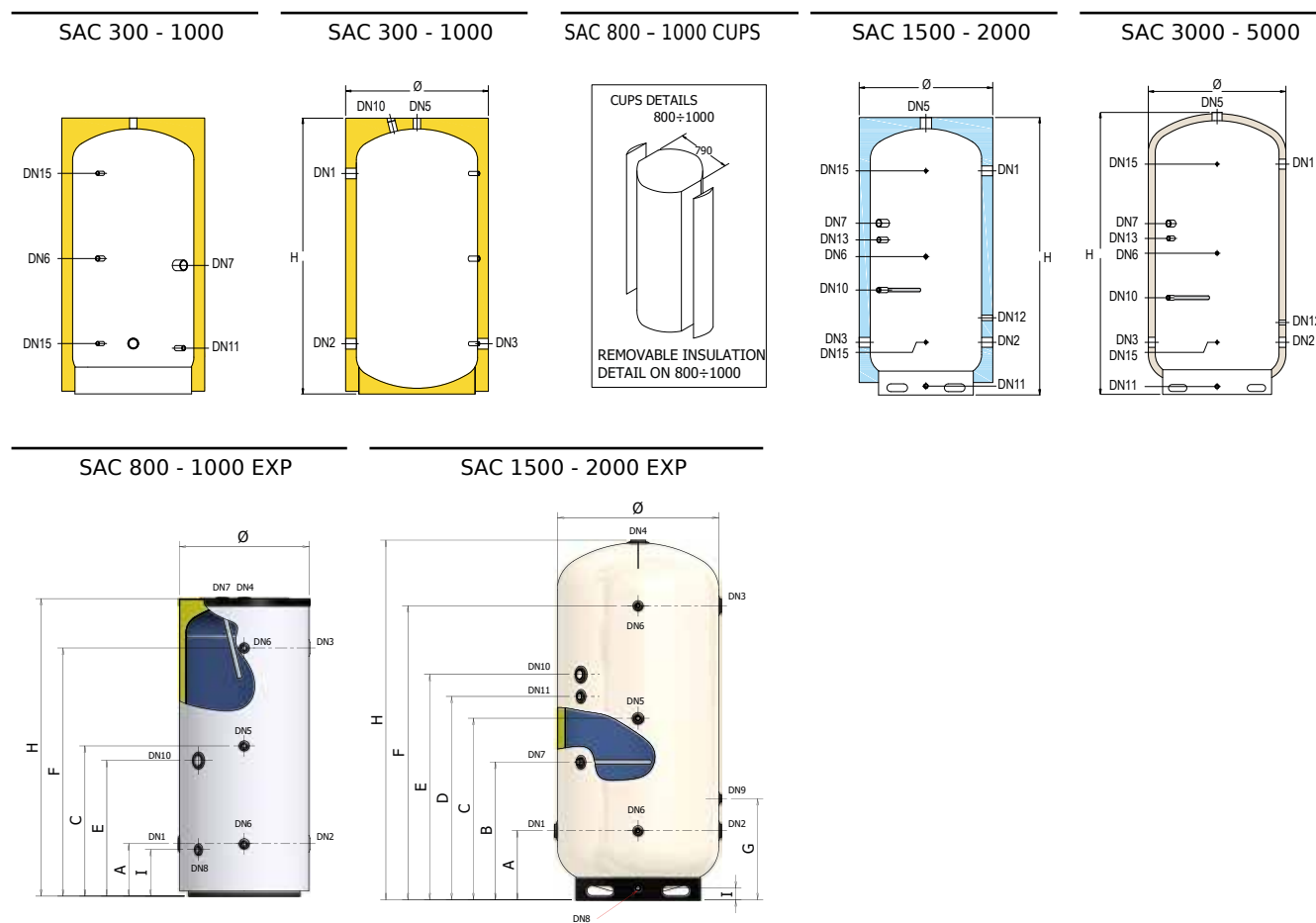
MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN5	DN6	DN7	DN10	DN11	DN12	DN13	DN15
SAC-300	32 x G1¼" x 320	G1¼"	G1¼"	G1¼"	G1¼"	G¾"	G2"	G1¼"	G½"	-	-	G½"
SAC-500	32 x G1¼" x 410	G1½"	G1½"	G1½"	G1¼"	G¾"	G2"	G1¼"	G½"	-	-	G½"
SAC-800	32 x G1¼" x 520	G1½"	G1½"	G1½"	G1¼"	G¾"	G2"	G1¼"	G¾"	-	-	G½"
SAC-1000	32 x G1¼" x 520	G2"	G2"	G2"	G1¼"	G¾"	G2"	G1¼"	G¾"	-	-	G½"
SAC-1500	32 x G1¼" x 670	G2½"	G2½"	G2½"	G3"	G¾"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"
SAC-2000	32 x G1¼" x 670	G2½"	G2½"	G2½"	G3"	G¾"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"
SAC-3000	32 x G1¼" x 700	G3"	G3"	G3"	G3"	G¾"	G2"	G1¼"	G1"	G1¼"	G1¼"	G½"
SAC-5000	40 x G1½" x 640	G3"	G3"	G3"	G3"	G¾"	G2"	G1¼"	G1"	G1¼"	G1½"	G½"



SAC Installation



SAC Technical drawings





BXV



+ 95°C



+ 110°C



6 BAR



10 BAR

Technical datasheet



Stainless steel cylinder with fixed heat exchanger for sanitary hot water

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER m²	L	Ø mm	H mm	PM mm
BXV 170	A3X0H45 VB005	B	173	1.2	4	610	1070	1100
BXV 200	A3X0H47 VB005	B	224	1.2	4	610	1320	1345
BXV 300	A3X0H51 VB005	C	320	1.2	4	610	1820	1840
BXV 400	A3X0H53 VB005	C	401	1.5	5	710	1590	1625
BXV 500	A3X0H55 VB005	C	471	1.5	5	710	1840	1870
BXV 600	A3X0H57 VA010	C	578	2.4	13	850	2010	2050
BXV 800	A3X0H60 VA010	C	752	2.7	14	990	1890	1940
BXV 1000	A3X0H62 VA010	C	923	3	16	990	2240	2290

PM: pivot measurement

BXV Connection heights (mm)

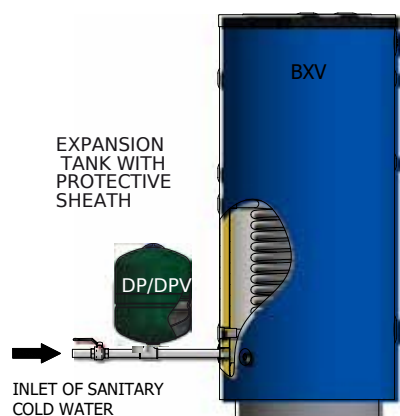
MODEL	DN1	DN2	DN3	DN6	DN7	DN8	DN15	DN23
BXV 170	495	215	215	700	615	310	-	845
BXV 200	495	215	215	960	690	310	590	1100
BXV 300	495	215	215	1295	890	355	775	1595
BXV 400	495	215	215	1055	790	355	675	1345
BXV 500	495	215	215	1295	890	355	775	1595
BXV 600	760	330	330	1270	1005	470	890	1710
BXV 800	810	380	380	1220	1080	580	945	1510
BXV 1000	980	380	380	1490	1250	580	1115	1860

BXV Connection sizes

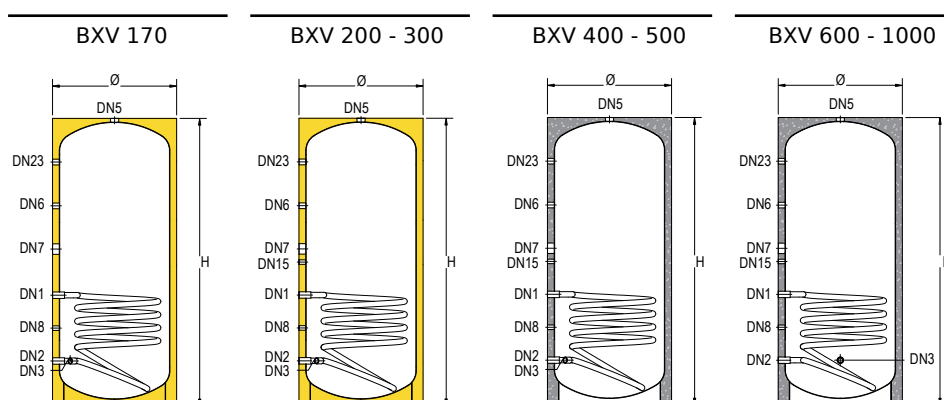
MODEL	DN1	DN2	DN3	DN5	DN6	DN7	DN8	DN11	DN15	DN23
BXV 170	G¾" M	G¾" M	G¾" M	G¾"	G¾"	G1½"	G½"	-	-	G½"
BXV 200	G¾" M	G¾" M	G¾" M	G¾"	G¾"	G1½"	G½"	-	G½"	G½"
BXV 300	G¾" M	G¾" M	G¾" M	G¾"	G¾"	G1½"	G½"	-	G½"	G½"
BXV 400	G¾" M	G¾" M	G1"	G1"	G¾"	G1½"	G½"	-	G½"	G½"
BXV 500	G¾" M	G¾" M	G1"	G1"	G¾"	G1½"	G½"	-	G½"	G½"
BXV 600	G1"	G1"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G½"	G½"
BXV 800	G1"	G1"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G½"	G½"
BXV 1000	G1"	G1"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G½"	G½"



BXV Installation



BXV Technical drawings





BXP

+ 95°C

+ 110°C

P_{MAX}
Vs 6 BAR

P_{SCA} 10 BAR

Technical datasheet



Stainless steel dhw cylinder with fixed exchanger for heat pumps

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER		Ø mm	H mm	PM mm
BXP-300	A3U0H51 VB005	C	313	4	22	610	1820	1840
BXP-500	A3U0H55 VB005	C	464	5	27	710	1840	1870
BXP-800	A3U0H60 VB005	C	735	6	32	990	1890	1940
BXP-1000	A3U0H62 VB005	C	906	6	32	990	2240	2290

PM: pivot measurement

BXP Connection heights (mm)

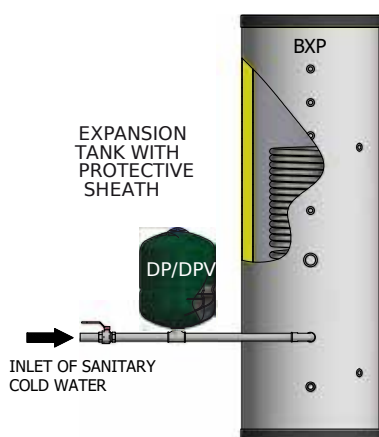
MODEL	DN1	DN2	DN3	DN6	DN7	DN8	DN15		DN23
BXP-300	1255	275	215	1450	765	430	980	1305	1595
BXP-500	1255	275	215	1450	765	430	980	1305	1595
BXP-800	1420	440	380	1390	905	595	1070	1270	1510
BXP-1000	1420	440	380	1615	930	595	1145	1470	1760

BXP Connection sizes

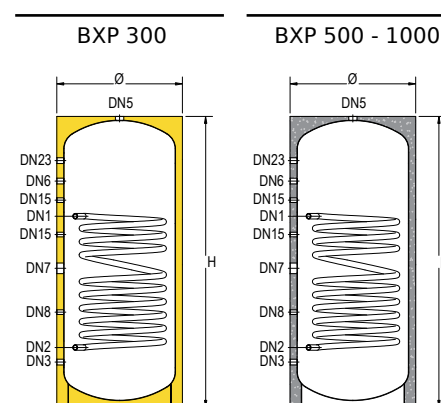
MODEL	DN1	DN2	DN3	DN5	DN6	DN7	DN8	DN11	DN15	DN23
BXP-300	G1"	G1"	G¾" M	G¾"	G¾"	G1½"	G½"	-	G½"	G½"
BXP-500	G1"	G1"	G1"	G1"	G¾"	G1½"	G½"	-	G½"	G½"
BXP-800	G1¼"	G1¼"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G½"	G½"
BXP-1000	G1¼"	G1¼"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G½"	G½"



BXP Installation



BXP Technical drawings





BXT

+ 95°C
 + 110°C
P_{MAX} Vs **6 BAR**
P_{SCA} 10 BAR

Technical datasheet



Stainless steel cylinder for solar thermal use with two fixed heat exchangers

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER				Ø mm	H mm	PM mm
				LOWER		UPPER				
				m²	L	m²	L			
BXT 200	A3Y0H47 VB005	C	220	1.2	4	1.2	4	610	1320	1345
BXT 300	A3Y0H51 VB005	C	316	1.2	4	1.2	4	610	1820	1840
BXT 400	A3Y0H53 VB005	C	396	1.5	5	1.5	5	710	1590	1625
BXT 500	A3Y0H55 VB005	C	466	1.5	5	1.5	5	710	1840	1870
BXT 600	A3Y0H57 VA010	C	570	2.4	13	1.5	5	850	2010	2050
BXT 800	A3Y0H60 VA010	C	742	2.7	14	2	11	990	1890	1940
BXT 1000	A3Y0H62 VA010	C	913	3	16	2	11	990	2240	2290

PM: pivot measurement

BXT Connection heights (mm)

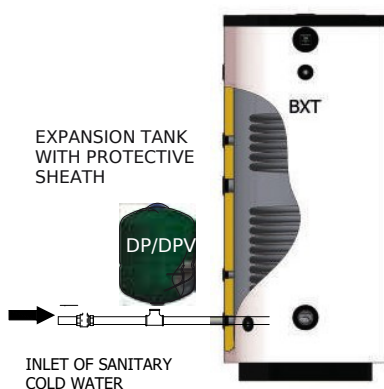
MODEL	DN1	DN2	DN3	DN6	DN7	DN8	DN16	DN17	DN23
BXT 200	495	215	215	960	690	310	1100	820	1100
BXT 300	495	215	215	1155	890	355	1295	1015	1595
BXT 400	495	215	215	1155	890	355	1295	1015	1295
BXT 500	495	215	215	1155	890	355	1295	1015	1595
BXT 600	760	330	330	1270	1005	470	1410	1130	1710
BXT 800	810	380	380	1250	980	520	1390	1110	1510
BXT 1000	980	380	380	1420	1150	580	1560	1280	1860

BXT Connection sizes

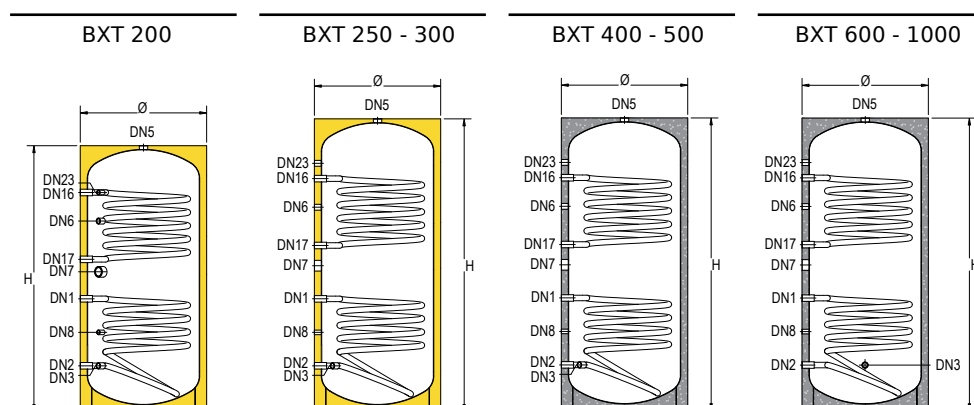
MODEL	DN1	DN2	DN3	DN5	DN6	DN7	DN8	DN11	DN16	DN17	DN23
BXT 200	G¾" M	G¾" M	G¾" M	G¾"	G¾"	G1½"	G½"	-	G¾" M	G¾" M	G½"
BXT 300	G¾" M	G¾" M	G¾" M	G¾"	G¾"	G1½"	G½"	-	G¾" M	G¾" M	G½"
BXT 400	G¾" M	G¾" M	G1"	G1"	G¾"	G1½"	G½"	-	G¾" M	G¾" M	G½"
BXT 500	G¾" M	G¾" M	G1"	G1"	G¾"	G1½"	G½"	-	G¾" M	G¾" M	G½"
BXT 600	G1"	G1"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G1"	G1"	G½"
BXT 800	G1"	G1"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G1"	G1"	G½"
BXT 1000	G1"	G1"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G1"	G1"	G½"



BXT Installation



BXT Technical drawings





BXPT



+ 95°C



+ 110°C



6 BAR



10 BAR

Technical datasheet



Stainless steel dhw cylinder with two fixed exchangers for heat pumps

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER				Ø mm	H mm	PM mm
				LOWER m²	L	UPPER m²	L			
BXPT-300	A3U2H51 VB005	C	310	3	16	0.7	2	610	1820	1840
BXPT-500	A3U2H55 VB005	C	460	4	22	0.9	3	710	1840	1870
BXPT-800	A3U2H60 VB005	C	730	6	32	1.5	5	990	1890	1940
BXPT-1000	A3U2H62 VB005	C	900	6	32	1.5	5	990	2240	2290

PM: pivot measurement

BXPT Connection heights (mm)

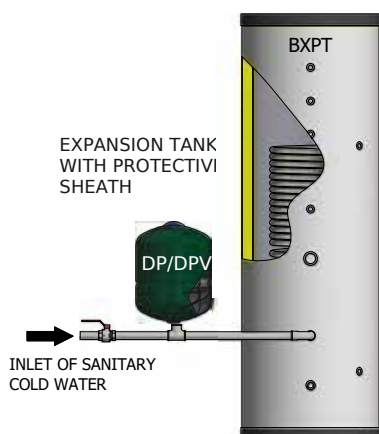
MODEL	DN1	DN2	DN3	DN6	DN7	DN8	DN15		DN16	DN17	DN23
BXPT-300	1255	275	215	1450	765	430	980	1305	215	215	1595
BXPT-500	1255	275	215	1450	765	430	980	1305	215	215	1595
BXPT-800	1420	440	380	1390	905	595	1070	1270	380	380	1510
BXPT-1000	1420	440	380	1615	930	595	1145	1470	380	380	1760

BXPT Connection sizes

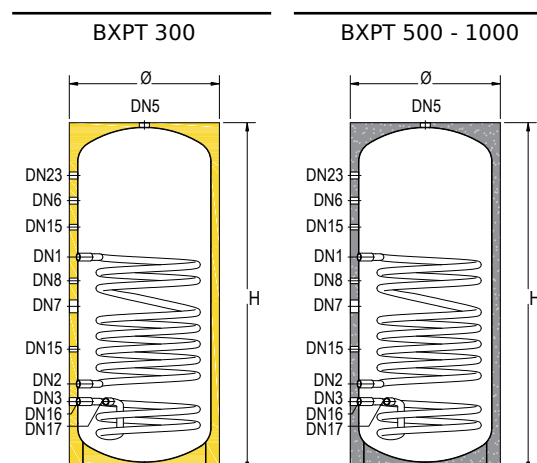
MODEL	DN1	DN2	DN3	DN5	DN6	DN7	DN8	DN11	DN15	DN16	DN17	DN23
BXPT-300	G1"	G1"	G¾"	¾"	¾"	G1½"	G½"	-	G½"	G¾"	G¾"	G½"
BXPT-500	G1"	G1"	G1"	G1"	¾"	G1½"	G½"	-	G½"	G¾"	G¾"	G½"
BXPT-800	G1¼"	G1¼"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G½"	G1"	G1"	G½"
BXPT-1000	G1¼"	G1¼"	G1½"	G1½"	G1"	G1½"	G½"	G1"	G½"	G1"	G1"	G½"



BXPT Installation



BXPT Technical drawings





SXC



-10°C / +95°C



6 BAR

Technical datasheet



Stainless steel accumulators for technical hot water

MODEL	CODE	ENERGY LABEL	CAP. L	Ø mm	H mm	PM mm
SXC - 100	A3L0E38 VD007	A	100	540	985	1010
SXC - 200	A3L0E47 VD007	A	185	640	1160	1200
SXC - 300	A3L0E51 VD007	B	288	690	1430	1470
SXC - 500	A3L0E55 VD007	C	484	740	1945	1980
SXC - 600	A3L0E57 VD007	C	576	790	1990	2020
SXC - 800	A3L0E60 VD007	C	804	930	1860	1910
SXC - 1000	A3L0E61 VD007	C	990	930	2210	2250

PM: pivot measurement

SXC Connection heights (mm)

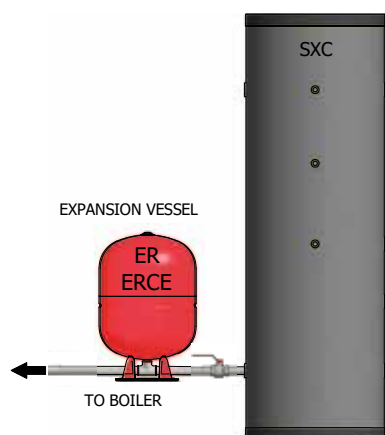
MODEL	DN1	DN2	DN3		DN4		DN15		
SXC - 100	755	250	250	-	755	505	250	505	755
SXC - 200	945	275	275	-	945	500	500	725	945
SXC - 300	1195	275	275	430	1195	580	580	890	1195
SXC - 500	1680	300	300	530	1680	760	760	1220	1680
SXC - 600	1710	330	330	560	1710	790	790	1250	1710
SXC - 800	1510	380	380	600	1510	820	820	1165	1510
SXC - 1000	1860	380	380	660	1860	940	940	1400	1860

SXC Connection sizes

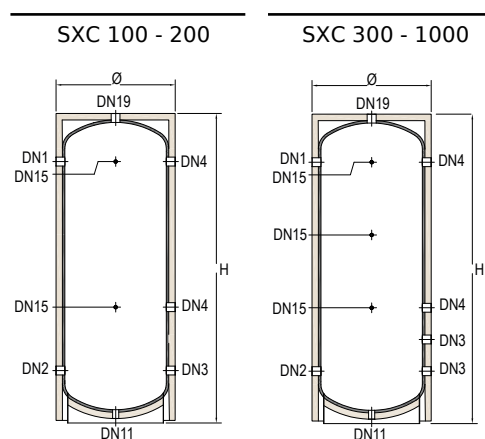
MODEL	DN1	DN2	DN3	DN4	DN11	DN15	DN19
SXC - 100	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G½"	G1¼"
SXC - 200	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G½"	G1¼"
SXC - 300	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G½"	G1¼"
SXC - 500	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G½"	G1¼"
SXC - 600	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G½"	G1¼"
SXC - 800	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G½"	G1¼"
SXC - 1000	G1¼"	G1¼"	G1¼"	G1¼"	G1"	G½"	G1¼"



SXC Installation



SXC Technical drawings





sofa



COMBI QUICK PDC



+ 95°C



+ 110°C



+ 95°C
(ACS)

P_{MAX}
Vs 8 BAR

P_{SCA} 12 BAR

P_{SCA} 6 BAR
(ACS)

Technical datasheet



Multy energy buffer tanks with corrugated stainless steel heat exchanger for DHW production for heat pumps

MODEL	CODE	ENERGY LABEL	CAP. L	DHW		HEAT EXCHANGER				Ø mm	H mm	PM mm
				m²	L	m²	L	m²	L			
CQS-300	A3S0L51 PGP75	B	260	4.5	23	-	-	-	-	650	1670	1800
CQS-500	A3S0E55 PGP55	C	451	5.3	27	-	-	-	-	760	1735	1900
CQS-600	A3S0E57 PGP55	C	533	5.3	27	-	-	-	-	760	1930	2080
CQP-300	A3S1L51 PGP75	B	249	4.5	23	1.5	11	-	-	650	1670	1800
CQP-500	A3S1E55 PGP55	C	434	5.3	27	1.3	17	-	-	760	1735	1900
CQP-600	A3S1E57 PGP55	C	516	5.3	27	1.3	17	-	-	760	1930	2080
CQT-300	A3S2L51 PGP75	B	243	4.5	23	1.5	11	0.8	6	650	1670	1800
CQT-500	A3S2E55 PGP55	C	424	5.3	27	2.1	17	1.3	10	760	1735	1900
CQT-600	A3S2E57 PGP55	C	506	5.3	27	2.1	17	1.3	10	760	1930	2080

DR: pivot measurement

COMBI QUICK PDC Connection heights (mm)

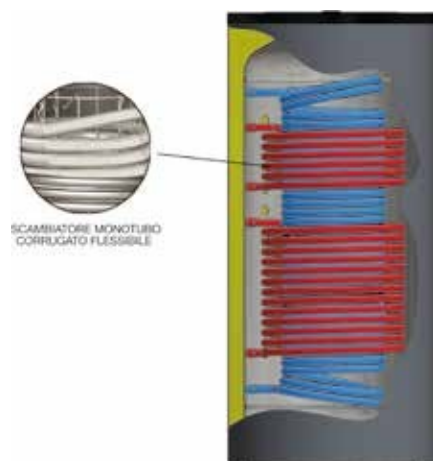
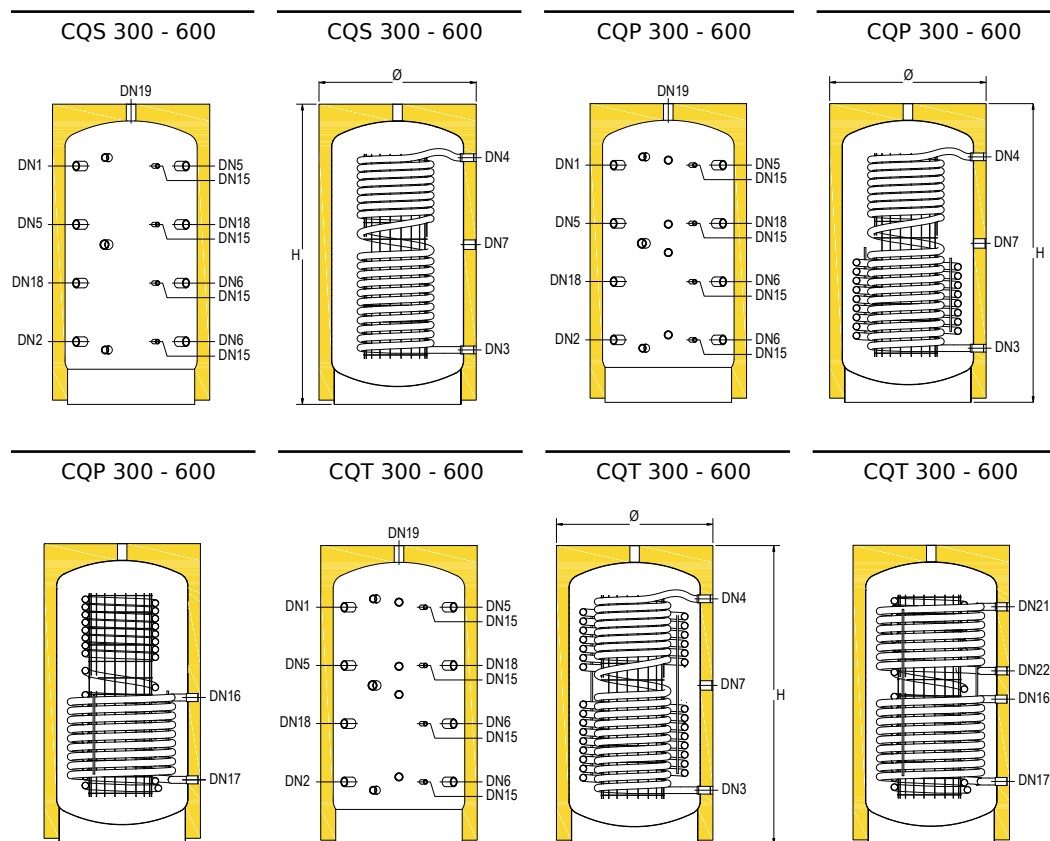
MODEL	DN1	DN2	DN3	DN4	DN5		DN6		DN7	DN15				DN16	DN17	DN18		DN21	DN22
CQS-300	1335	285	245	1385	985	1335	285	635	950	285	635	985	1335	-	-	635	985	-	-
CQS-500	1400	270	270	1410	1025	1400	270	645	950	270	645	1025	1400	-	-	645	1025	-	-
CQS-600	1650	270	270	1650	1190	1650	270	730	950	270	730	1190	1650	-	-	730	1190	-	-
CQP-300	1335	285	245	1385	985	1335	285	635	950	285	635	985	1335	895	265	635	985	-	-
CQP-500	1400	270	270	1410	1025	1400	270	645	950	270	645	1025	1400	875	290	645	1025	-	-
CQP-600	1650	270	270	1650	1190	1650	270	730	950	270	730	1190	1650	875	290	730	1190	-	-
CQT-300	1335	285	245	1385	985	1335	285	635	950	285	635	985	1335	895	265	635	985	1355	995
CQT-500	1400	270	270	1410	1025	1400	270	645	950	270	645	1025	1400	875	290	645	1025	1380	1020
CQT-600	1650	270	270	1650	1190	1650	270	730	950	270	730	1190	1650	875	290	730	1190	1380	1020

COMBI QUICK PDC Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN15	DN16	DN17	DN18	DN19	DN21	DN22
CQS-300	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	G½"	-	-	G1½"	G1¼"	-	-
CQS-500	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	G½"	-	-	G1½"	G1¼"	-	-
CQS-600	G1¼"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	G½"	-	-	G1½"	G1¼"	-	-
CQP-300	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	G½"	G1"	G1"	G1½"	G1¼"	-	-
CQP-500	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	G½"	G1"	G1"	G1½"	G1¼"	-	-
CQP-600	G1¼"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	G½"	G1"	G1"	G1½"	G1¼"	-	-
CQT-300	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	G½"	G1"	G1"	G1½"	G1¼"	G1"	G1"
CQT-500	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	G½"	G1"	G1"	G1½"	G1¼"	G1"	G1"
CQT-600	G1¼"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	G½"	G1"	G1"	G1½"	G1¼"	G1"	G1"



COMBI QUICK PDC Technical drawings





P_{MAX} 3 BAR
Vs (mod. 1500-2000)

PSCA 6 BAR
(ACS)



				HEAT EXCHANGER				
MODEL	CODE	ENERGY LABEL	CAP. L	DHW		Ø mm	H mm	PM mm
				m²	L			
CQS-300	A3S0L51 PGP75	B	260	4.5	23	650	1670	1800
CQS-500	A3S0E55 PGP55	C	451	5.3	27	760	1735	1900
CQS-600	A3S0E57 PGP55	C	533	5.3	27	760	1930	2080
CQS-800	A3W0E60 PGP75	C	688	6	30	940	1815	2050
CQS-1000	A3W0E62 PGP75	C	802	7.5	38	940	2065	2270
CQS-1500	A3W0E67 GW4A5	C	1525	10	50	1270	2440	2760
CQS-2000	A3W0E70 GW4A5	C	1845	10	50	1370	2470	2830

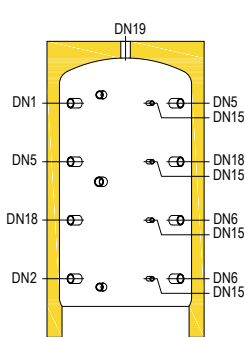
COMBI QUICK STANDARD Connection heights (mm)

MODEL	DN1	DN2	DN3	DN4	DN5		DN6		DN7	DN11	DN15				DN18	
CQS-300	1335	285	245	1385	985	1335	285	635	950	-	985	285	635	1335	985	635
CQS-500	1400	270	270	1410	1025	1400	270	645	950	-	1025	270	645	1400	1025	645
CQS-600	1650	270	270	1650	1190	1650	270	730	950	-	1190	270	730	1650	1190	730
CQS-800	1425	375	325	1475	1075	1425	375	725	955	-	1075	375	725	1425	1075	725
CQS-1000	1675	375	325	1725	1245	1675	375	705	1110	-	1245	375	705	1675	1245	705
CQS-1500	1955	455	415	1995	1455	1955	455	955	1290	80	1455	455	955	1955	1455	955
CQS-2000	1975	475	435	2015	1475	1975	475	975	1310	80	1475	475	975	1975	1475	975

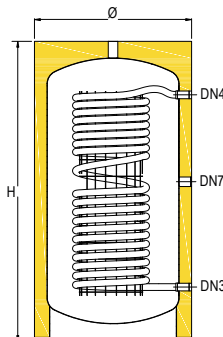
MODEL	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN11	DN15	DN18	DN19
CQS-300	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1¼"
CQS-500	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1¼"
CQS-600	G1¼"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1¼"
CQS-800	G1¼"	G1½"	G1¼"	G1¼"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1½"
CQS-1000	G1½"	G1½"	G1¼"	G1¼"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1½"
CQS-1500	G1½"	G1½"	G1¼"	G1¼"	G1½"	G1½"	G1½"	G1"	G½"	G1½"	G3"
CQS-2000	G1½"	G1½"	G1¼"	G1¼"	G1½"	G1½"	G1½"	G1"	G½"	G1½"	G3"



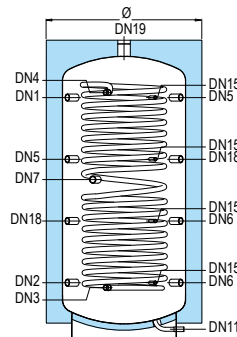
CQS 300 - 1000



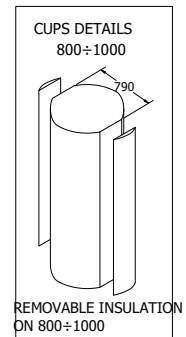
CQS 300 - 1000



CQS 1500 - 2000



800 - 1000 CUPS





COMBI QUICK PLUS



+ 95°C



+ 110°C

+ 95°C
(ACS)
P_{MAX}
Vs 8 BAR
(mod. 300-1000)

P_{MAX}
Vs 3 BAR
(mod. 1500-2000)

P_{SCA} 12 BAR

P_{SCA} 6 BAR
(ACS)

Technical datasheet



Multy energy buffer tanks with corrugated stainless steel heat exchanger for DHW production and additional exchanger

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER				Ø mm	H mm	PM mm
				DHW		LOWER				
				m²	L	m²	L			
CQP-300	A3S1L51 PGP75	B	249	4.5	23	1.5	11	650	1670	1800
CQP-500	A3S1E55 PGP55	C	434	5.3	27	1.3	17	760	1735	1900
CQP-600	A3S1E57 PGP55	C	516	5.3	27	1.3	17	760	1930	2080
CQP-800	A3W1E60 PGP75	C	663	6	30	1.8	25	940	1815	2050
CQP-1000	A3W1E62 PGP75	C	770	7.5	38	2.4	32	940	2065	2270
CQP-1500	A3W1E67 GW4A5	C	1485	10	50	3	43	1270	2440	2760
CQP-2000	A3W1E70 GW4A5	C	1796	10	50	3.4	49	1370	2470	2830

PM: pivot measurement

COMBI QUICK PLUS Connection heights (mm)

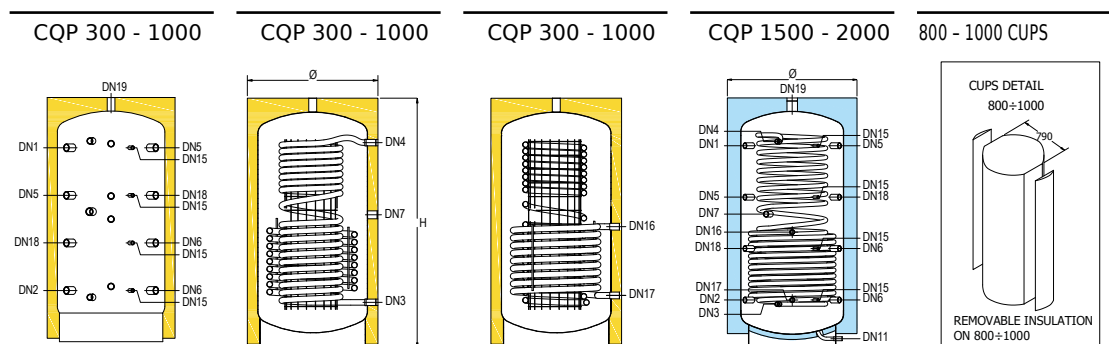
MODEL	DN1	DN2	DN3	DN4	DN5		DN6		DN7	DN11	DN15				DN16	DN17	DN18	
CQP-300	1335	285	245	1385	985	1335	285	635	950	-	285	635	985	1335	895	265	635	985
CQP-500	1400	270	270	1410	1025	1400	270	645	950	-	270	645	1025	1400	875	290	645	1025
CQP-600	1650	270	270	1650	1190	1650	270	730	950	-	270	730	1190	1650	875	290	730	1190
CQP-800	1425	375	325	1475	1075	1425	375	725	955	-	375	725	1075	1425	870	375	725	1075
CQP-1000	1675	375	325	1725	1245	1675	375	705	1110	-	375	705	1245	1675	1035	375	705	1245
CQP-1500	1955	455	415	1995	1455	1955	455	955	1290	80	455	955	1455	1955	1115	455	955	1455
CQP-2000	1975	475	435	2015	1475	1975	475	975	1310	80	475	975	1475	1975	1135	475	975	1475

COMBI QUICK PLUS Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN11	DN15	DN16	DN17	DN18	DN19
CQP-300	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1¼"
CQP-500	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1¼"
CQP-600	G1¼"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1¼"
CQP-800	G1¼"	G1½"	G1¼"	G1¼"	G1½"	G1½"	G1½"	-	G½"	G1¼"	G1¼"	G1½"	G1½"
CQP-1000	G1½"	G1½"	G1¼"	G1¼"	G1½"	G1½"	G1½"	-	G½"	G1¼"	G1¼"	G1½"	G1½"
CQP-1500	G1½"	G1½"	G1¼"	G1¼"	G1½"	G1½"	G1½"	G1"	G½"	G1¼"	G1¼"	G1½"	G3"
CQP-2000	G1½"	G1½"	G1¼"	G1¼"	G1½"	G1½"	G1½"	G1"	G½"	G1¼"	G1¼"	G1½"	G3"



COMBI QUICK PLUS Technical drawings





COMBI QUICK TWIN

+ 95°C

+ 110°C

+ 95°C
(ACS)

P_{MAX} 8 BAR
V_s (mod. 300-1000)

P_{MAX} 3 BAR
V_s (mod. 1500-2000)

P_{SCA} 12 BAR

P_{SCA} 6 BAR
(ACS)

Technical datasheet



Multy energy buffer tanks with corrugated stainless steel heat exchanger for DHW production and two additional exchangers

					HEAT EXCHANGER							
MODEL	CODE	ENERGY LABEL	CAP. L	DHW		LOWER		UPPER		Ø mm	H mm	PM mm
				m²	L	m²	L	m²	L			
CQT-300	A3S2L51 PGP75	B	243	4.5	23	1.5	11	0.8	6	650	1670	1800
CQT-500	A3S2E55 PGP55	C	424	5.3	27	2.1	17	1.3	10	760	1735	1900
CQT-600	A3S2E57 PGP55	C	506	5.3	27	2.1	17	1.3	10	760	1930	2080
CQT-800	A3W2E60 PGP75	C	644	6	30	2.4	25	1.8	19	940	1815	2050
CQT-1000	A3W2E62 PGP75	C	745	7.5	38	3	32	2.4	25	940	2065	2270
CQT-1500	A3W2E67 GW4A5	C	1450	10	50	4.1	43	3	32	1270	2440	2760
CQT-2000	A3W2E70 GW4A5	C	1760	10	50	4.6	49	3.4	36	1370	2470	2830

PM: pivot measurement

COMBI QUICK TWIN Connection heights (mm)

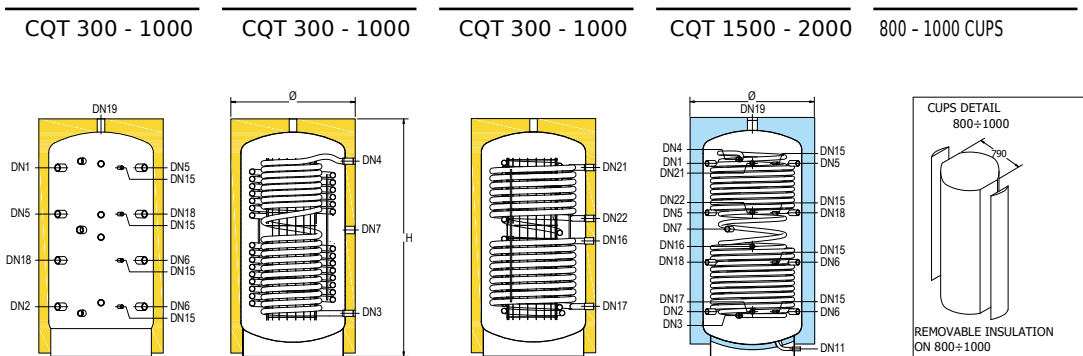
MODEL	DN1	DN2	DN3	DN4	DN5		DN6		DN7	DN11	DN15				DN16	DN17	DN18		DN21	DN22
CQT-300	1335	285	245	1385	985	1335	635	285	950	-	1335	285	635	985	895	265	635	985	1355	995
CQT-500	1400	270	270	1410	1025	1400	645	270	950	-	1400	270	645	1025	875	290	645	1025	1380	1020
CQT-600	1650	270	270	1650	1190	1650	730	270	950	-	1650	270	730	1190	875	290	730	1190	1380	1020
CQT-800	1425	375	325	1475	1075	1425	725	375	955	-	1425	375	725	1075	870	375	725	1075	1425	1040
CQT-1000	1675	375	325	1725	1245	1675	705	375	1110	-	1675	375	705	1245	1035	375	705	1245	1675	1180
CQT-1500	1955	455	415	1995	1455	1955	955	455	1290	80	1955	455	955	1455	1115	455	955	1455	1955	1460
CQT-2000	1975	475	435	2015	1475	1975	975	475	1310	80	1975	475	975	1475	1135	475	975	1475	1965	1470

COMBI QUICK TWIN Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN11	DN15	DN16	DN17	DN18	DN19	DN21	DN22
CQT-300	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1½"	G1"	G1"
CQT-500	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1½"	G1"	G1"
CQT-600	G1½"	G1½"	G1"	G1"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1½"	G1"	G1"
CQT-800	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"
CQT-1000	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"
CQT-1500	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1"	G½"	G1½"	G1½"	G1½"	G3"	G1½"	G1½"
CQT-2000	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1"	G½"	G1½"	G1½"	G1½"	G3"	G1½"	G1½"



COMBI QUICK TWIN Technical drawings





COMBI



+ 95°C



+ 110°C



3 BAR



6 BAR



12 BAR

Technical datasheet



Multy energy buffer tanks for domestic hot water production

MODEL	CODE	ENERGY LABEL	CAP. L	CAP. VS L	CAP. VR. L	HEAT EXCHANGER m ²	L	Ø mm	H mm	PM mm
CMS 500	A3D0L55 PGP55	C	491	106	385	-	-	760	1735	1900
CMS 800	A3D0L60 PGP75	C	744	203	541	-	-	940	1815	2050
CMS 1000	A3D0L62 PGP75	C	864	290	574	-	-	940	2065	2270
CMP 500	A3D1L55 PGP55	C	476	106	370	2	13	760	1735	1900
CMP 800	A3D1L60 PGP75	C	726	203	523	2.5	15	940	1815	2050
CMP 1000	A3D1L62 PGP75	C	846	290	556	2.5	15	940	2065	2270

PM: pivot measurement

COMBI Connection heights (mm)

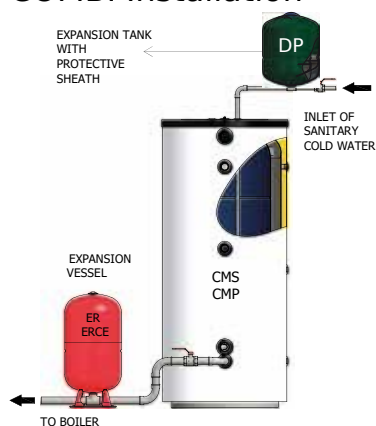
MODEL	DN1	DN2	DN5	DN6	DN7	DN15	DN16	DN17	DN18
CMS 500	1430	280	1430	280	390	280	905	1430	-
CMS 800	1460	310	1460	310	410	310	860	1460	-
CMS 1000	1690	310	1690	310	410	310	960	1690	-
CMP 500	1430	280	1430	280	390	280	905	1430	970
CMP 800	1460	310	1460	310	410	310	860	1460	910
CMP 1000	1690	310	1690	310	410	310	960	1690	940

COMBI Connection sizes

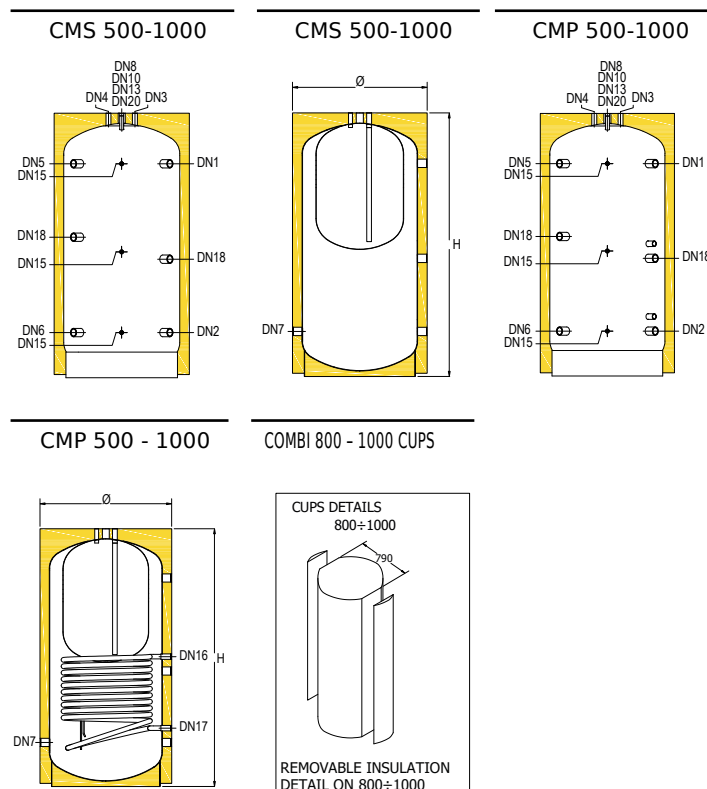
MODEL	ANODE Ø x Ø conn. x L	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN8	DN10	DN13	DN15	DN16	DN17	DN18	DN20
CMS 500	32 x G1¼" x 320	G1½"	G1½"	G¾"	G¾"	G1½"	G1½"	G2"	G½"	G1¼"	G½"	G½"	-	-	G1½"	G½"
CMS 800	32 x G1¼" x 320	G1½"	G1½"	G¾"	G¾"	G1½"	G1½"	G2"	G½"	G1¼"	G½"	G½"	-	-	G1½"	G½"
CMS 1000	32 x G1¼" x 320	G1½"	G1½"	G¾"	G¾"	G1½"	G1½"	G2"	G½"	G1¼"	G½"	G½"	-	-	G1½"	G½"
CMP 500	32 x G1¼" x 320	G1½"	G1½"	G¾"	G¾"	G1½"	G1½"	G2"	G½"	G1¼"	G½"	G½"	G1"	G1"	G1½"	G½"
CMP 800	32 x G1¼" x 320	G1½"	G1½"	G¾"	G¾"	G1½"	G1½"	G2"	G½"	G1¼"	G½"	G½"	G1"	G1"	G1½"	G½"
CMP 1000	32 x G1¼" x 320	G1½"	G1½"	G¾"	G¾"	G1½"	G1½"	G2"	G½"	G1¼"	G½"	G½"	G1"	G1"	G1½"	G½"



COMBI Installation



COMBI Technical drawings





PUFFER PLUS

 -10°C / +95°C
(up to mod. 1000)
10°C / +95°C
(from mod. 1500)

P_{MAX}
Vs 10 BAR
(mod. 100-300)

P_{MAX}
Vs 8 BAR
(mod. 500-1000)

P_{MAX}
Vs 4 BAR
(mod. 1500-5000)

P_{MAX}
Vs 10 BAR
(mod. EXP 800-1000)

P_{MAX}
Vs 6 BAR
(mod. EXP 1500-2000)

Technical datasheet



Heated water buffer tanks for heating applications with multiple connections

MODEL	CODE	ENERGY LABEL	CAP. L	Ø mm	H mm	PM mm	DB mm	P mm	BP mm
PUFFER PLUS-100*	A3H0L38 PGP55	A	96	510	960	1090	400	145	535
PUFFER PLUS-200	A3H0L47 PGP55	B	195	610	1200	1350	-	-	-
PUFFER PLUS-300	A3H0L51 PGP75	B	282	650	1670	1800	-	-	-
PUFFER PLUS-500	A3H0E55 PGP55	C	478	760	1735	1900	-	-	-
PUFFER PLUS-600	A3H0E57 PGP55	C	560	760	1930	2080	-	-	-
PUFFER PLUS-800	A3H0E60 PGP75	C	718	940	1815	2050	-	-	-
PUFFER PLUS-1000	A3H0E62 PGP75	C	840	940	2065	2270	-	-	-
PUFFER PLUS-1500	A3H0E67 GW4A5	C	1575	1270	2440	2760	-	-	-
PUFFER PLUS-2000	A3H0E70 GW4A5	C	1895	1370	2470	2830	-	-	-
PUFFER PLUS-3000	A3H0E74 GW050	-	2912	1350	2770	3090	-	-	-
PUFFER PLUS-5000	A3H0E80 GW050	-	4985	1700	2945	3410	-	-	-

PM: pivot measurement

* Model suitable for wall-mounted installation

FOR EXTRA EUROPEAN MARKETS ONLY (not conform to EU directive 2009/125/CE)

MODEL	CODE	CAP. L	Ø mm	H mm	PM mm
PUFFER PLUS-800 EXP	A3H0L60 PGP40	785	900	1795	2015
PUFFER PLUS-1000 EXP	A3H0L62 PGP40	916	900	2045	2240
PUFFER PLUS-1500 EXP	A3H0H67 P9016	1641	1100	2465	2700
PUFFER PLUS-2000 EXP	A3H0H70 P9016	1958	1200	2445	2725

PUFFER PLUS Connection heights (mm)

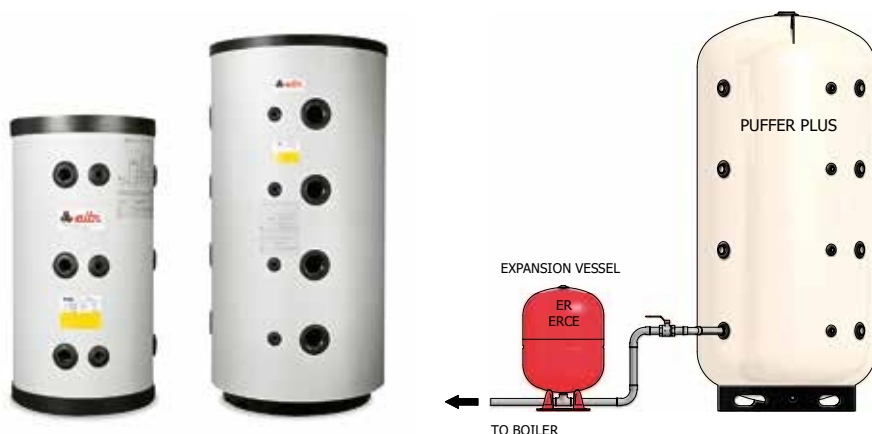
MODEL	DN1	DN2	DN3	DN4	DN11	DN15	DN18	VERTICAL MOUNTING DN7	HORIZONTAL MOUNTING DN18
PUFFER PLUS-100	740	220	220	480	480	740	-	300	300
PUFFER PLUS-200	925	245	245	585	585	925	-	-	-
PUFFER PLUS-300	1335	285	285	985	985	1335	635	-	-
PUFFER PLUS-500	1400	270	270	1025	1025	1400	645	-	-
PUFFER PLUS-600	1650	270	270	1190	1190	1650	730	-	-
PUFFER PLUS-800	1425	375	375	1075	1075	1425	725	-	-
PUFFER PLUS-1000	1715	415	415	1285	1285	1715	745	-	-
PUFFER PLUS-1500	1955	455	455	1455	1455	1955	955	-	-
PUFFER PLUS-2000	1975	475	475	1475	1475	1975	975	-	-
PUFFER PLUS-3000	2310	510	510	1710	1710	2310	1110	-	-
PUFFER PLUS-5000	2410	610	610	1810	1810	2410	1210	-	-

PUFFER PLUS Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN11	DN15	DN18	DN19	VERTICAL MOUNTING DN7	DN11	HORIZONTAL MOUNTING DN7	DN18
PUFFER PLUS-100	G1½"	G1½"	G1½"	G1½"	-	G½"	-	G1¼"	G1½"	G1¼"	G1¼"	G1½"
PUFFER PLUS-200	G1½"	G1½"	G1½"	G1½"	-	G½"	-	G1¼"	-	-	-	-
PUFFER PLUS-300	G1½"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1¼"	-	-	-	-
PUFFER PLUS-500	G1½"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1¼"	-	-	-	-
PUFFER PLUS-600	G1½"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1¼"	-	-	-	-
PUFFER PLUS-800	G1½"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1½"	-	-	-	-
PUFFER PLUS-1000	G1½"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1½"	-	-	-	-
PUFFER PLUS-1500	G1½"	G1½"	G1½"	G1½"	G1"	G½"	G1½"	G3"	-	-	-	-
PUFFER PLUS-2000	G1½"	G1½"	G1½"	G1½"	G1"	G½"	G1½"	G3"	-	-	-	-
PUFFER PLUS-3000	G2"	G2"	G2"	G2"	G1"	G½"	G2"	G3"	-	-	-	-
PUFFER PLUS-5000	G2"	G2"	G2"	G2"	G1"	G½"	G2"	G3"	-	-	-	-

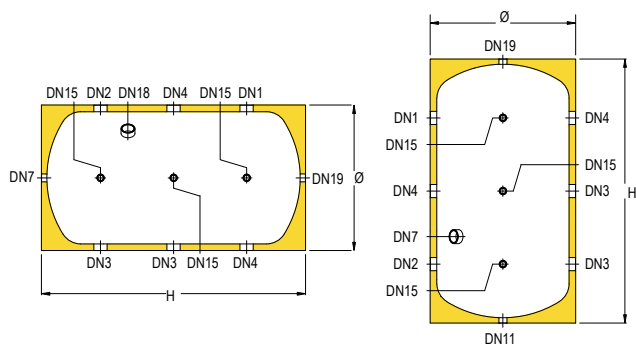


PUFFER PLUS Installation

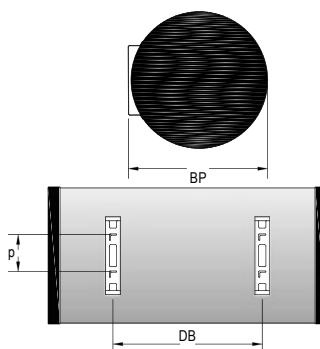


PUFFER PLUS Technical drawings

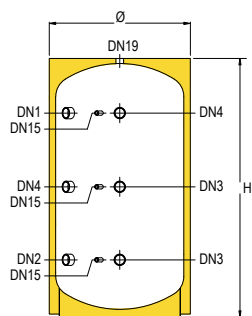
PUFFER PLUS 100



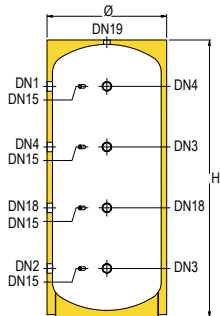
P-PLUS 100 BRAECKETS



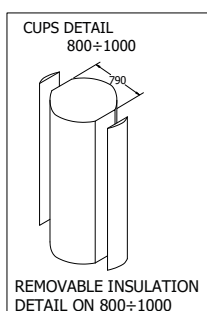
PUFFER PLUS 200



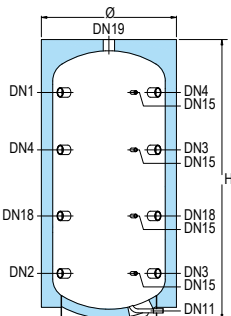
PUFFER PLUS 300 - 1000



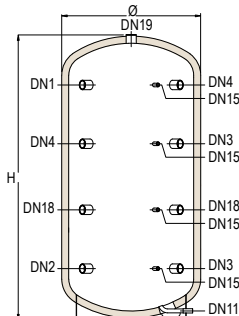
P-PLUS 800 - 1000 CUPS



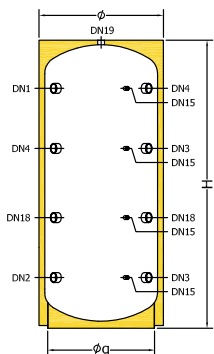
PUFFER PLUS 1500 - 2000



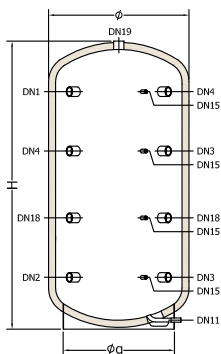
PUFFER PLUS 3000 - 5000



PUFFER PLUS 800 - 1000 EXP



PUFFER PLUS 1500 - 2000 EXP





PPS1

-10°C / +95°C
(up to mod. 1000)
10°C / +95°C
(from mod. 1500)

+ 110°C

P_{MAX}
V_s 10 BAR
(mod. 300)

P_{MAX}
V_s 8 BAR
(mod. 500-1000)

P_{MAX}
V_s 4 BAR
(mod. 1500-5000)

P_{SCA} 12 BAR

Technical datasheet



Buffer tank for heating systems with fixed spiral coil for heating applications

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER m²	L	Ø mm	H mm	PM mm
PPS1-300	A3Z1L51 PGP75	B	271	1.5	11	650	1670	1800
PPS1-500	A3Z1E55 PGP55	C	461	2.1	17	760	1735	1900
PPS1-600	A3Z1E57 PGP55	C	543	2.1	17	760	1930	2080
PPS1-800	A3Z1E60 PGP75	C	693	2.4	25	940	1815	2050
PPS1-1000	A3Z1E62 PGP75	C	808	3	32	940	2065	2270
PPS1-1500	A3Z1E67 GW4A5	C	1532	4.1	43	1270	2440	2760
PPS1-2000	A3Z1E70 GW4A5	C	1846	4.6	49	1370	2470	2830

PM: pivot measurement

PPS1 Connection heights (mm)

MODEL	DN1	DN2	DN5	DN6	DN7	DN11	DN15	DN16	DN17	DN18
PPS1-300	1335	285	285	1000	1000	1335	925	-	285	620
PPS1-500	1400	270	270	1025	1025	1400	950	-	270	645
PPS1-600	1650	270	270	1190	1190	1650	950	-	270	730
PPS1-800	1425	375	375	1075	1075	1425	955	-	375	725
PPS1-1000	1675	375	375	1245	1245	1675	1110	-	375	705
PPS1-1500	1955	455	455	1455	1455	1955	1290	80	455	955
PPS1-2000	1975	475	475	1475	1475	1975	1310	80	475	975

PPS1 Connection sizes

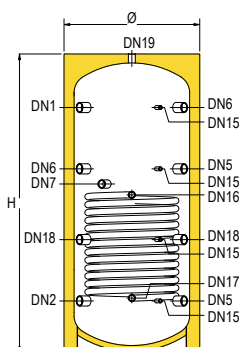
MODEL	DN1	DN2	DN5	DN6	DN7	DN11	DN15	DN16	DN17	DN18	DN19
PPS1-300	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1¼"
PPS1-500	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1¼"
PPS1-600	G1¼"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1¼"
PPS1-800	G1¼"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1¼"	G1¼"	G1½"	G1½"
PPS1-1000	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1¼"	G1¼"	G1½"	G1½"
PPS1-1500	G1½"	G1½"	G1½"	G1½"	G1½"	G1"	G½"	G1¼"	G1¼"	G1½"	G3"
PPS1-2000	G1½"	G1½"	G1½"	G1½"	G1½"	G1"	G½"	G1¼"	G1¼"	G1½"	G3"



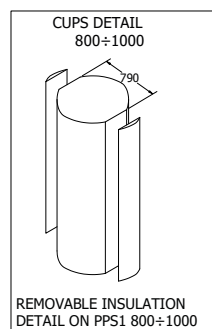
PPS1 Technical drawings



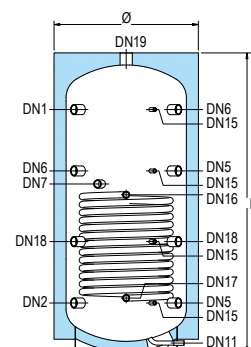
PPS1 300 - 1000



PPS1 800 - 1000 CUPS



PPS1 1500 - 2000





PPS2

-10°C / +95°C
(up to mod. 1000)
10°C / +95°C
(from mod. 1500)

+ 110°C

P_{MAX}
Vs 10 BAR
(mod. 300)

P_{MAX}
Vs 8 BAR
(mod. 500-1000)

P_{MAX}
Vs 4 BAR
(mod. 1500-5000)

P_{SCA} 12 BAR

Technical datasheet



Buffer tank for heating systems with two fixed spiral coils for heating applications

MODEL	CODE	ENERGY LABEL	CAP. L	HEAT EXCHANGER				Ø mm	H mm	PM mm
				LOWER m²	L	UPPER m²	L			
PPS2-300	A3Z2L51 PGP75	B	265	1.5	11	0.8	6	650	1670	1800
PPS2-500	A3Z2E55 PGP55	C	451	2.1	17	1.3	10	760	1735	1900
PPS2-600	A3Z2E57 PGP55	C	533	2.1	17	1.3	10	760	1930	2080
PPS2-800	A3Z2E60 PGP75	C	674	2.4	25	1.8	19	940	1815	2050
PPS2-1000	A3Z2E62 PGP75	C	783	3	32	2.4	25	940	2065	2270
PPS2-1500	A3Z2E67 GW4A5	C	1500	4.1	43	3	32	1270	2440	2760
PPS2-2000	A3Z2E70 GW4A5	C	1810	4.6	49	3.4	36	1370	2470	2830

PM: pivot measurement

PPS2 Connection heights (mm)

MODEL	DN1	DN2	DN5		DN6		DN7	DN11	DN15				DN16	DN17	DN18		DN21	DN22
PPS2-300	1335	285	285	985	985	1335	950	-	285	635	985	1335	895	265	635	635	1355	995
PPS2-500	1400	270	270	1025	1025	1400	950	-	270	645	1025	1400	875	290	645	645	1380	1020
PPS2-600	1650	270	270	1190	1190	1650	950	-	270	730	1190	1650	875	290	730	730	1380	1020
PPS2-800	1425	375	375	1075	1075	1425	955	-	375	725	1075	1425	870	375	725	1075	1425	1040
PPS2-1000	1675	375	375	1245	1245	1675	1110	-	375	705	1245	1675	1035	375	705	705	1675	1180
PPS2-1500	1955	455	455	1455	1455	1955	1290	80	455	955	1455	1955	1115	455	955	955	1955	1455
PPS2-2000	1975	475	475	1475	1475	1975	1310	80	475	975	1475	1975	1135	475	975	975	1965	1470

PPS2 Connection sizes

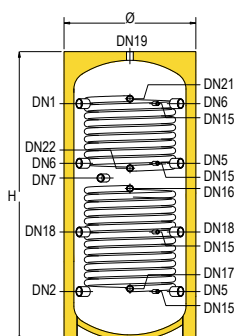
MODEL	DN1	DN2	DN5	DN6	DN7	DN11	DN15	DN16	DN17	DN18	DN19	DN21	DN22
PPS2-300	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1½"	G1"	G1"
PPS2-500	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1½"	G1"	G1"
PPS2-600	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1"	G1"	G1½"	G1½"	G1"	G1"
PPS2-800	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"
PPS2-1000	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"
PPS2-1500	G1½"	G1½"	G1½"	G1½"	G1½"	G1"	G½"	G1½"	G1½"	G1½"	G3"	G1½"	G1½"
PPS2-2000	G1½"	G1½"	G1½"	G1½"	G1½"	G1"	G½"	G1½"	G1½"	G1½"	G3"	G1½"	G1½"



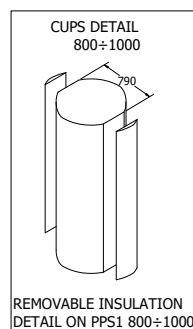
PPS2 Technical drawings



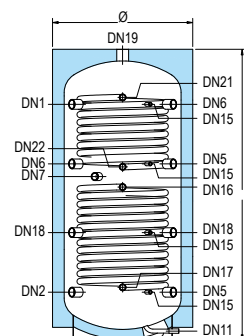
PPS2 300 - 1000



PPS2 800 - 1000 CUPS



PPS2 1500 - 2000





H2-FAST



+ 85°C

PMAX 6 BAR

Technical datasheet



Instant DHW external modules

Only for Italian market

MODEL	CODE	CAP. L	Ø mm	H mm	W mm	CONTROL TYPE	KW
H2-Fast E70	L2D0020 EL002	20	590	395	225	Electronic	70
H2-Fast T70	L2D0020 TS002	20	590	395	225	Thermostatic	70
H2-Fast E120	L2D0040 EL002	40	590	395	225	Electronic	120

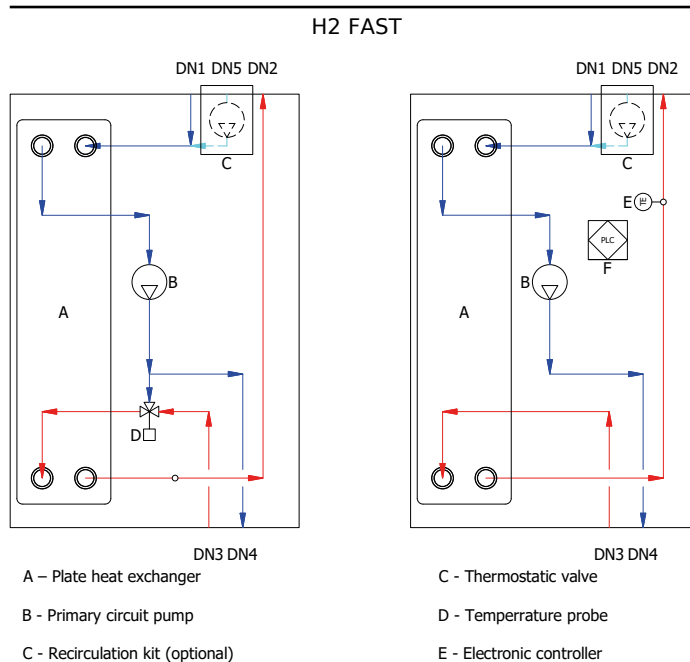
The nominal power refers to the following standard conditions:
70 kW for storage at 70 °C, DHW from 10 °C to 45 °C, 20 l/min;
120 kW for storage at 70 °C, DHW from 10 °C to 45 °C, 40 l/min

H2-FAST Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN5
H2-Fast T70	G1"	G1"	G1"	G1"	G1"
H2-Fast E70	G1"	G1"	G1"	G1"	G1"
H2-Fast E120	G1"	G1"	G1"	G1"	G1"



H2-FAST Technical drawings





ACP



-10°C / +95°C

PMAX 10 BAR

Technical datasheet



Glasslined inertial accumulators for air conditioning / heating systems for wall installation

MODEL	CODE	ENERGY LABEL	CAP. L	Ø mm	H mm	DB mm	P mm	BP mm
ACP-35	A46SL31 VGP50	A	35	400	665	310	165	445
ACP-50	A46SL34 VGP50	A	50	400	880	525	165	445

ACP Connection heights (mm)

MODEL	DN1	DN2	DN3	DN4	DN15	VERTICAL MOUNTING DN7	HORIZONTAL MOUNTING DN20
ACP-35	170	490	170	490	170 490	230	230
ACP-50	180	705	180	705	180 705	230	230

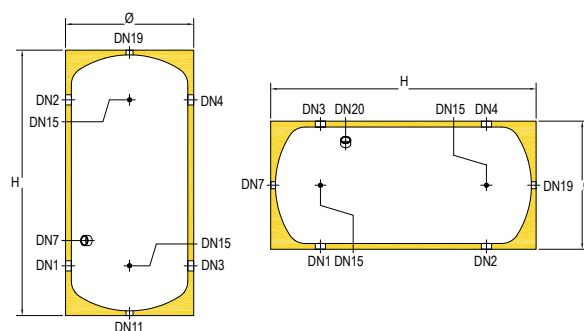
ACP Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN15	DN19	VERTICAL MOUNTING DN7	DN11	HORIZONTAL MOUNTING DN7	DN20
ACP-35	G1¼"	G1¼"	G1¼"	G1¼"	G½"	G1¼"	G1½"	G1¼"	G1¼"	G1½"
ACP-50	G1¼"	G1¼"	G1¼"	G1¼"	G½"	G1¼"	G1½"	G1¼"	G1¼"	G1½"

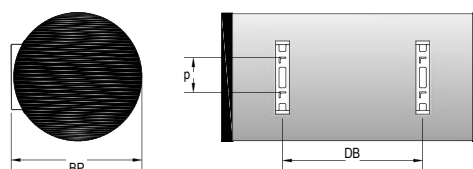


ACP Technical drawings

ACP 35 - 50



ACP BRAECKETS





P_{MAX} 6 BAR
(mod. 1500-5000)



MODEL	CODE	ENERGY LABEL	CAP. L	Ø mm	H mm	PM mm
AR 100	A460L38 PGP55	A	99	510	960	1090
AR 200	A460L47 PGP55	B	195	610	1185	1350
AR 300	A460L51 PGP75	B	282	650	1655	1800
AR 500	A460L55 PGP55	C	494	760	1720	1900
AR 800	A460L60 PGP75	C	747	940	1790	2050
AR 1000	A460L62 PGP75	C	868	940	2040	2270
AR 1500	A460H67 VB120	-	1643	1040	2470	2680
AR 2000	A460H70 VB120	-	1952	1140	2450	2705
AR 3000	A460H74 VB120	-	2986	1290	2840	3120
AR 5000	A460H80 VB120	-	5129	1640	3030	3450

AR Connection heights (mm)

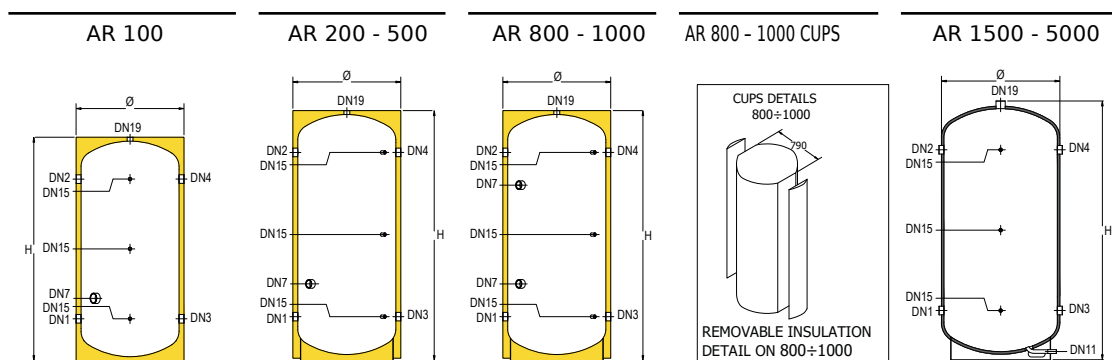
MODEL	DN1	DN2	DN3	DN4	DN7		DN11	DN15		
AR 100	235	715	235	715	315	-	-	715	235	475
AR 200	255	915	255	915	505	-	-	915	255	585
AR 300	260	1360	260	1360	585	-	-	1360	260	810
AR 500	320	1390	320	1390	730	-	-	1390	320	855
AR 800	340	1410	340	1410	500	1250	-	1410	340	875
AR 1000	340	1660	340	1660	550	1450	-	1660	340	1000
AR 1500	485	2005	485	2005	-	-	80	2005	485	1245
AR 2000	475	1995	475	1995	-	-	80	1995	475	1235
AR 3000	540	2320	540	2320	-	-	80	2320	540	1430
AR 5000	635	2415	635	2415	-	-	80	2415	635	1525

AR Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN7	DN11	DN15	DN19
AR 100	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1¼"
AR 200	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1¼"
AR 300	G2"	G2"	G2"	G2"	G1½"	-	G½"	G1¼"
AR 500	G3"	G3"	G3"	G3"	G1½"	-	G½"	G1¼"
AR 800	G3"	G3"	G3"	G3"	G½"	-	G½"	G1½"
AR 1000	G3"	G3"	G3"	G3"	G1½"	-	G½"	G1½"
AR 1500	G3"	G3"	G3"	G3"	-	G1"	G½"	G3"
AR 2000	G3"	G3"	G3"	G3"	-	G1"	G½"	G3"
AR 3000	G4"	G4"	G4"	G4"	-	G1"	G½"	G3"
AR 5000	G4"	G4"	G4"	G4"	-	G1"	G½"	G3"



AR Technical drawings





ARZ



-10°C / +50°C

PMAX

10 BAR
(mod. 100-1000)

PMAX

6 BAR
(mod. 1500-5000)

Technical datasheet



Galvanized accumulator for chilled water with aluminium insulation foil

MODEL	CODE	CAP. L	Ø mm	H mm	PM mm
ARZ 100	A460L38 ZL120	96	440	965	1070
ARZ 200	A460L47 ZL120	195	540	1260	1380
ARZ 300	A460L51 ZL120	282	540	1710	1800
ARZ 500	A460L55 ZL120	494	690	1805	1940
ARZ 800	A460L60 ZL120	747	830	1895	2070
ARZ 1000	A460L62 ZL120	868	830	2145	2300
ARZ 1500	A460H67 ZL120	1643	1040	2470	2690
ARZ 2000	A460H70 ZL120	1952	1140	2450	2710
ARZ 3000	A460H74 ZL120	2986	1290	2840	3120
ARZ 5000	A460H80 ZL120	5129	1640	3030	3450

PM: pivot measurement

ARZ Connection heights (mm)

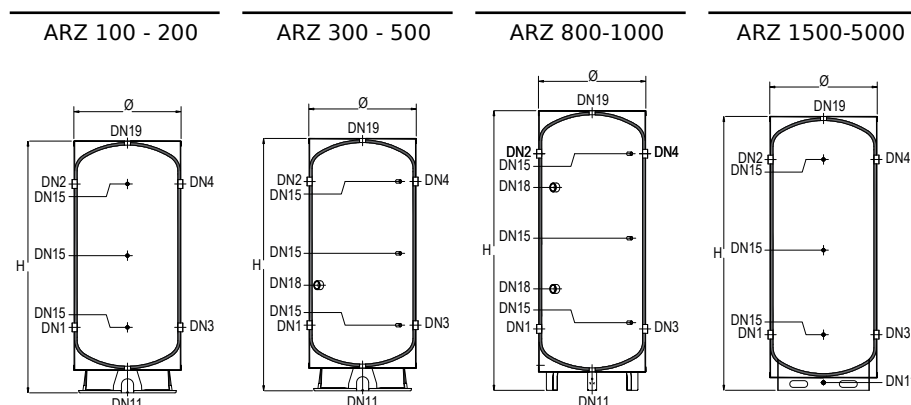
MODEL	DN1	DN2	DN3	DN4	DN11	DN15			DN18	
ARZ 100	285	765	285	765	85	285	525	765	-	-
ARZ 200	355	1015	355	1015	110	355	685	1015	-	-
ARZ 300	360	1460	360	1460	110	360	910	1460	685	-
ARZ 500	430	1500	430	1500	125	430	965	1500	965	-
ARZ 800	485	1555	485	1555	150	485	1020	1555	645	1395
ARZ 1000	485	1805	485	1805	150	485	1145	1805	695	1595
ARZ 1500	485	2005	485	2005	80	485	1245	2005	-	-
ARZ 2000	475	1995	475	1995	80	475	1235	1995	-	-
ARZ 3000	540	2320	540	2320	80	540	1430	2320	-	-
ARZ 5000	635	2415	635	2415	80	635	1525	2415	-	-

ARZ Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN11	DN15	DN18	DN19
ARZ 100	G1½"	G1½"	G1½"	G1½"	-	G½"	-	G1¼"
ARZ 200	G1½"	G1½"	G1½"	G1½"	-	G½"	-	G1¼"
ARZ 300	G2"	G2"	G2"	G2"	-	G½"	G1½"	G1¼"
ARZ 500	G3"	G3"	G3"	G3"	-	G½"	G1½"	G1¼"
ARZ 800	G3"	G3"	G3"	G3"	-	G½"	G1½"	G1½"
ARZ 1000	G3"	G3"	G3"	G3"	-	G½"	G1½"	G1½"
ARZ 1500	G3"	G3"	G3"	G3"	G1"	G½"	-	G3"
ARZ 2000	G3"	G3"	G3"	G3"	G1"	G½"	-	G3"
ARZ 3000	G4"	G4"	G4"	G4"	G1"	G½"	-	G3"
ARZ 5000	G4"	G4"	G4"	G4"	G1"	G½"	-	G3"



ARZ Technical drawings





ACF
PENSILI



-10°C / +95°C

P_{MAX} 10 BAR

Technical datasheet



Thermal flywheel for air conditioning / heating systems

MODEL	CODE	ENERGY LABEL	CAP. L	Ø mm	H mm	DB mm	P mm	BP mm
ACF 24 P *	A48SL27 GGP50	A	24	400	555	230	165	445
ACF 35 P *	A48SL31 GGP50	A	35	400	665	310	165	445
ACF 50 P *	A48SL34 GGP50	A	50	400	880	525	165	445
ACF 100 P *	A3H0L38 PGP55	A	99	510	960	400	145	535

P = Wall-hung models

ACF PENSILI Connection heights (mm)

MODEL	DN1	DN2	DN3	DN4	DN15			DN20	VERTICAL MOUNTING DN7	HORIZONTAL MOUNTING DN18
ACF 24 P	165	395	165	395	215	345	-	-	225	225
ACF 35 P	180	490	180	490	180	490	-	-	230	230
ACF 50 P	180	705	180	705	180	705	-	-	230	230
ACF 100 P	220	740	220	740	220	740	480	480	300	300

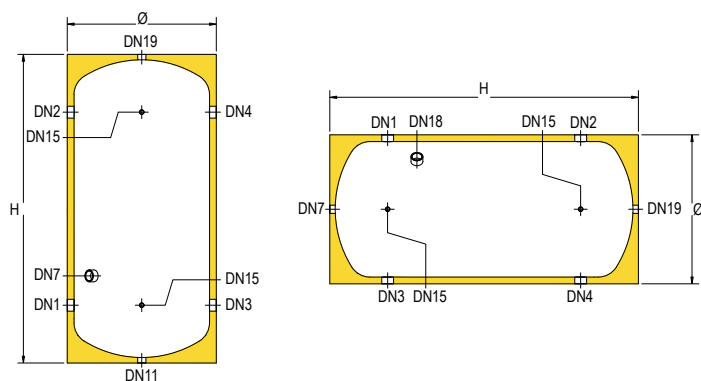
ACF PENSILI Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN15	DN18	DN19	DN20	VERTICAL MOUNTING		HORIZONTAL MOUNTING		
ACF 24 P	G1¼"	G1¼"	G1¼"	G1¼"	G½"	G1¼"	G1¼"	-	-	G1¼"	G1¼"	-	-
ACF 35 P	G1¼"	G1¼"	G1¼"	G1¼"	G½"	G1¼"	G1¼"	-	G1½"	G1¼"	G1¼"	-	G1½"
ACF 50 P	G1¼"	G1¼"	G1¼"	G1¼"	G½"	G1¼"	G1¼"	-	G1½"	G1¼"	G1¼"	G1¼"	G1½"
ACF 100 P	G1½"	G1½"	G1½"	G1½"	G½"	G1¼"	G1¼"	G1½"	G1½"	G1¼"	G1¼"	G1¼"	G1½"

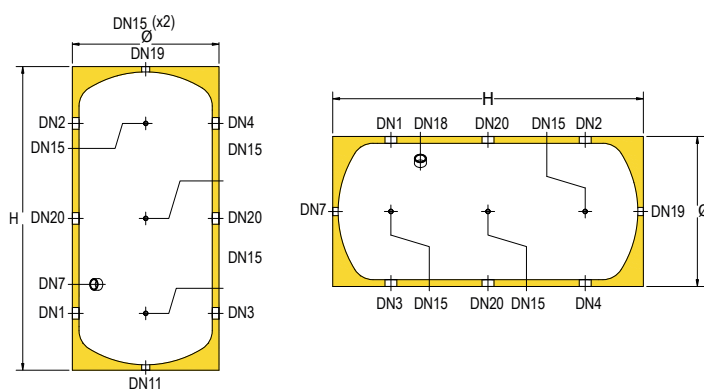


ACF PENSILI Technical drawings

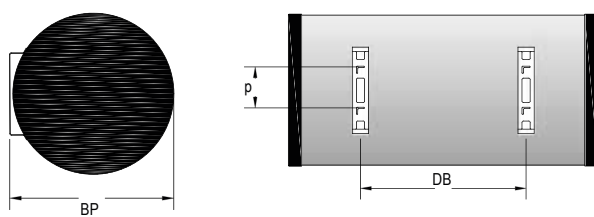
ACF 24 - 50 P



ACF 100 P



ACF BRAECKETS





ACF VERTICALI



-10°C / +95°C

PMAX

10 BAR
(mod. 50-1000)

PMAX

6 BAR
(mod. 1500-5000)

Technical datasheet



Thermal flywheel for air conditioning / heating systems

MODEL	CODE	ENERGY LABEL	CAP. L	Ø mm	H mm	PM mm
ACF-50	A460L34 GGP50	A	50	410	880	980
ACF-100	A480L38 PGP55	A	99	510	960	1090
ACF-200	A480L47 PGP55	B	195	610	1185	1350
ACF-300	A480L51 PGP75	B	282	650	1655	1800
ACF-500	A480L55 PGP55	C	494	760	1720	1900
ACF-800	A480L60 PGP75	C	747	940	1790	2050
ACF-1000	A480L62 PGP75	C	868	940	2040	2270
ACF-1500	A480H67 GB5A5	C	1643	1310	2495	2850
ACF-2000	A480H70 GB5A5	C	1952	1410	2445	2880
ACF-3000	A480H74 GB370	-	2986	1390	2840	3170
ACF-5000	A480H80 GB370	-	5129	1740	3025	3490

PM: pivot measurement

ACF VERTICALI Connection heights (mm)

MODEL	DN1	DN2	DN3	DN4	DN7		DN11	DN15		
ACF-50	180	705	180	705	230	-	-	180	-	705
ACF-100	235	715	235	715	315	-	-	235	475	715
ACF-200	255	915	255	915	505	-	-	255	585	915
ACF-300	260	1360	260	1360	585	-	-	260	810	1360
ACF-500	320	1390	320	1390	730	-	-	320	855	1390
ACF-800	340	1410	340	1410	500	1250	-	340	875	1410
ACF-1000	340	1660	340	1660	550	1460	-	340	1000	1660
ACF-1500	485	2005	485	2005	735	1755	80	485	1245	2005
ACF-2000	475	1995	475	1995	725	1745	80	475	1235	1995
ACF-3000	540	2320	540	2320	830	2030	80	540	1430	2320
ACF-5000	635	2415	635	2415	925	2125	80	635	1525	2415

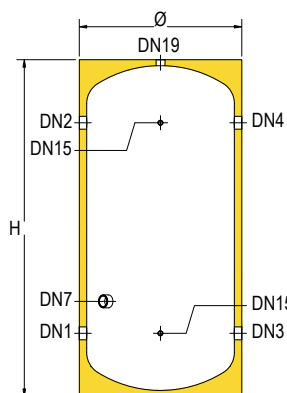
ACF VERTICALI Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN7	DN11	DN15	DN19
ACF-50	G1¼"	G1¼"	G1¼"	G1¼"	G1½"	-	G½"	G1¼"
ACF-100	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1¼"
ACF-200	G1½"	G1½"	G1½"	G1½"	G1½"	-	G½"	G1¼"
ACF-300	G2"	G2"	G2"	G2"	G1½"	-	G½"	G1¼"
ACF-500	G3"	G3"	G3"	G3"	G1½"	-	G½"	G1¼"
ACF-800	G3"	G3"	G3"	G3"	G1½"	-	G½"	G1½"
ACF-1000	G3"	G3"	G3"	G3"	G1½"	-	G½"	G1½"
ACF-1500	G3"	G3"	G3"	G3"	G1½"	G1"	G½"	G3"
ACF-2000	G3"	G3"	G3"	G3"	G1½"	G1"	G½"	G3"
ACF-3000	G4"	G4"	G4"	G4"	G1½"	G1"	G½"	G3"
ACF-5000	G4"	G4"	G4"	G4"	G1½"	G1"	G½"	G3"

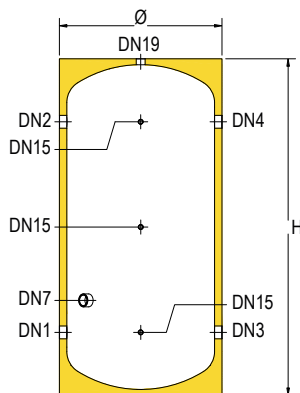


ACF VERTICALI Technical drawings

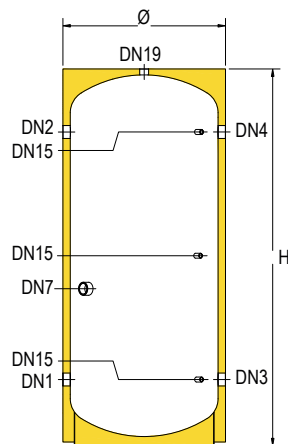
ACF 50



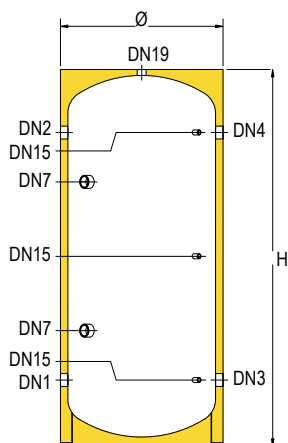
ACF 100



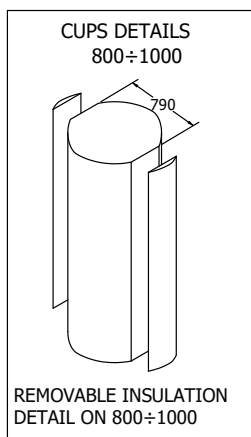
ACF 200 - 500



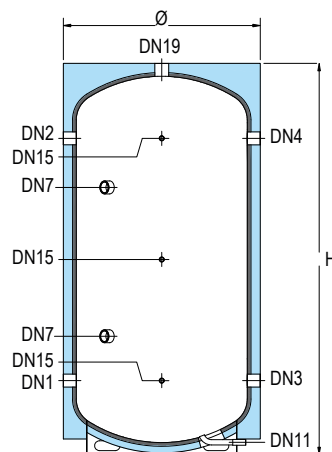
ACF 800 - 1000



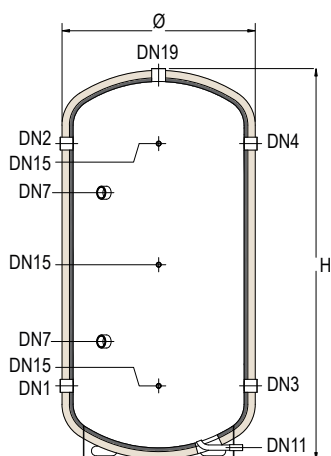
COUPELLES ACF 800 - 1000



ACF 1500 - 2000



ACF 3000 - 5000





ACFE



-10°C / +95°C

PMAX 10 BAR



Thermal flywheel for air conditioning / heating systems for outdoor installations

MODEL	CODE	ENERGY LABEL	CAP. L	Ø mm	H mm
ACFE-100	A480L38 GL355	A	99	510	960
ACFE-200	A480L47 GL355	B	195	610	1185
ACFE-300	A480L51 GL375	B	282	650	1655
ACFE-500	A480L55 GL355	C	494	760	1720
ACFE-800	A480L60 GL375	C	747	940	1790
ACFE-1000	A480L62 GL375	C	868	940	2040

ACFE Connection heights (mm)

MODEL	DN1	DN2	DN3	DN4	DN7	DN7	DN15	DN15	DN15	DN19
ACFE-100	235	715	235	715	-	315	235	715	475	-
ACFE-200	255	915	255	915	-	505	255	915	585	-
ACFE-300	260	1360	260	1360	-	585	260	1360	810	-
ACFE-500	320	1390	320	1390	-	730	320	1390	855	-
ACFE-800	340	1410	340	1410	1250	500	340	1410	875	-
ACFE-1000	340	1660	340	1660	1460	550	340	1660	1000	-

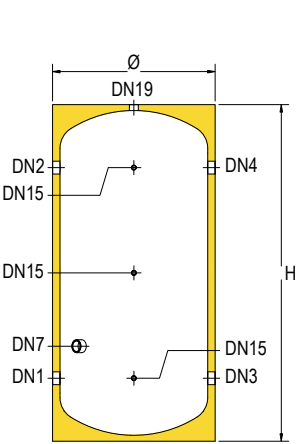
ACFE Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN7	DN15	DN19
ACFE-100	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	G1/2"	G1.1/4"
ACFE-200	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	G1/2"	G1.1/4"
ACFE-300	G2"	G2"	G2"	G2"	G1.1/2"	G1/2"	G1.1/4"
ACFE-500	G3"	G3"	G3"	G3"	G1.1/2"	G1/2"	G1.1/4"
ACFE-800	G3"	G3"	G3"	G3"	G1.1/2"	G1/2"	G1.1/2"
ACFE-1000	G3"	G3"	G3"	G3"	G1.1/2"	G1/2"	G1.1/2"

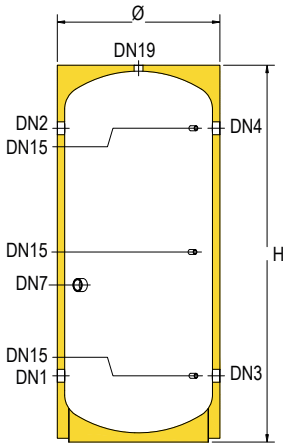


ACFE Technical drawings

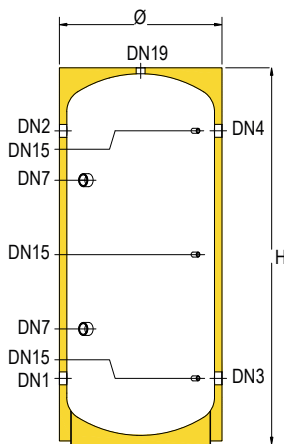
ACFE 100



ACFE 200-500



ACFE 800 - 1000





SSB



+ 200°C

PSCA 30 BAR

Technical datasheet



Brazed plate heat exchangers

BARE VERSION

MODEL	CODE	N. of plates	H mm	L mm	P mm	W mm	DB mm	DN1	DN2	DN3	DN4
SSB B14	L24WB14	14	306	106	50	43.32	250	G1" M	G1" M	G1" M	G1" M
SSB B20	L24WB20	20	306	106	50	57.6	250	G1" M	G1" M	G1" M	G1" M
SSB B30	L24WB30	30	306	106	50	81.4	250	G1" M	G1" M	G1" M	G1" M
SSB B40	L24WB40	40	306	106	50	105.2	250	G1" M	G1" M	G1" M	G1" M
SSB B50	L24WB50	50	306	106	50	129	250	G1" M	G1" M	G1" M	G1" M

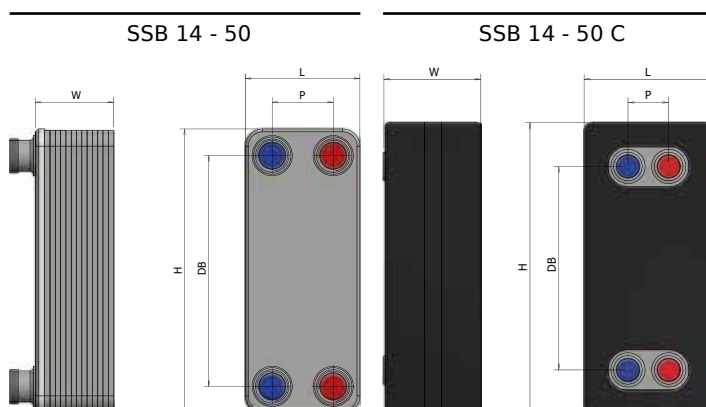
INSULATED VERSION

MODEL	CODE	N. of plates	H mm	L mm	P mm	W mm	DB mm	DN1	DN2	DN3	DN4
SSB B14 C	L24WB14 PGP45	14	360	160	50	110	250	G1" M	G1" M	G1" M	G1" M
SSB B20 C	L24WB20 PGP45	20	360	160	50	120	250	G1" M	G1" M	G1" M	G1" M
SSB B30 C	L24WB30 PGP45	30	360	160	50	140	250	G1" M	G1" M	G1" M	G1" M
SSB B40 C	L24WB40 PGP45	40	360	160	50	160	250	G1" M	G1" M	G1" M	G1" M
SSB B50 C	L24WB50 PGP45	50	360	160	50	190	250	G1" M	G1" M	G1" M	G1" M



(mod. SSB B50)

SSB Technical drawings



MODEL	N. of plates	POWER KW	PRIMARY CIRCUIT 50/45 °C		SECONDARY CIRCUIT 10/45 °C	
			FLOW RATE	PRESSURE DROP	FLOW RATE	PRESSURE DROP
			m³/h	KPa	m³/h	KPa
SSB B14	14	20	1.8	40.5	0.72	5.6
SSB B20	20	30	2.88	42.4	0.79	5.3
SSB B30	30	48	4.42	45.2	1.18	4.9
SSB B40	40	64	5.76	47.6	1.59	4.7
SSB B50	50	80	7.45	50	2.16	4.9

MODEL	N. of plates	POWER KW	PRIMARY CIRCUIT 50/45 °C		SECONDARY CIRCUIT 10/45 °C	
			FLOW RATE	PRESSURE DROP	FLOW RATE	PRESSURE DROP
			m³/h	KPa	m³/h	KPa
SSB B14	14	11	1.8	34.8	1.87	47.1
SSB B20	20	16	2.7	36.6	2.73	44.9
SSB B30	30	25	7	41	7.05	46.8
SSB B40	40	34	5.81	44.9	5.83	49.4
SSB B50	50	41	7.02	44.9	7	48.3

MODEL	N. of plates	POWER KW	PRIMARY CIRCUIT 70/50 °C		SECONDARY CIRCUIT 30/50 °C	
			FLOW RATE	PRESSURE DROP	FLOW RATE	PRESSURE DROP
			m³/h	KPa	m³/h	KPa
SSB B14	14	51	2.25	37.5	2.21	36.8
SSB B20	20	81	3.53	58.8	3.47	57.8
SSB B30	30	128	5.65	94.2	5.55	92.5
SSB B40	40	175	7.72	128.7	7.59	126.4
SSB B50	50	224	9.89	164.8	9.71	161.8

MODEL	N. of plates	POWER KW	PRIMARY CIRCUIT 70/60 °C		SECONDARY CIRCUIT 40/45 °C	
			FLOW RATE	PRESSURE DROP	FLOW RATE	PRESSURE DROP
			m³/h	KPa	m³/h	KPa
SSB B14	14	25	2.12	43.5	0.61	5.5
SSB B20	20	35	2.98	42.5	0.86	4.9
SSB B30	30	53	4.53	44.9	1.29	4.8
SSB B40	40	70	6.01	46.6	1.72	4.8
SSB B50	50	87	7.41	49.5	2.12	4.9

MODEL	N. of plates	POWER KW	PRIMARY CIRCUIT 70/60 °C		SECONDARY CIRCUIT 50/60 °C	
			FLOW RATE	PRESSURE DROP	FLOW RATE	PRESSURE DROP
			m³/h	KPa	m³/h	KPa
SSB B14	14	19	1.65	29.4	1.64	47.1
SSB B20	20	30	2.7	34.2	2.68	40.4
SSB B30	30	48	3.73	37.7	3.74	45.6
SSB B40	40	65	4.6	41.3	4.68	48.7
SSB B50	50	80	6.2	41.1	6.48	43.4

MODEL	N. of plates	POWER KW	PRIMARY CIRCUIT 80/70 °C		SECONDARY CIRCUIT 60/70 °C	
			FLOW RATE	PRESSURE DROP	FLOW RATE	PRESSURE DROP
			m³/h	KPa	m³/h	KPa
SSB B14	14	20	1.72	28.1	1.72	37.9
SSB B20	20	32	2.73	35.4	2.72	43.4
SSB B30	30	50	4.28	39.7	4.2	45.3
SSB B40	40	68	5.7	43.6	5.68	47.9
SSB B50	50	82	7	43.8	7	47



SPI



+ 110°C

PSCA 10 BAR

Technical datasheet



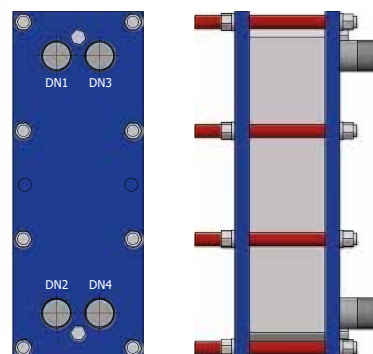
Gasketed plate heat exchangers

MODEL	CODE	N. of plates	H mm	L mm	W mm	DN1	DN2	DN3	DN4
SPI A05	L6A70N0 00005	5	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A07	L6A70N0 00007	7	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A09	L6A70N0 00009	9	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A11	L6A70N0 00011	11	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A13	L6A70N0 00013	13	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A15	L6A70N0 00015	15	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A17	L6A70N0 00017	17	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A19	L6A70N0 00019	19	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A21	L6A70N0 00021	21	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A23	L6A70N0 00023	23	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A25	L6A70N0 00025	25	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A27	L6A70N0 00027	27	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A29	L6A70N0 00029	29	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A31	L6A70N0 00031	31	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A33	L6A70N0 00033	33	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A35	L6A70N0 00035	35	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A39	L6A70N0 00039	39	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A43	L6A70N0 00043	43	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A47	L6A70N0 00047	47	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A49	L6A70N0 00049	49	320	251	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A51	L6A70N0 00051	51	320	551	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A55	L6A70N0 00055	55	320	551	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A57	L6A70N0 00057	57	320	551	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A61	L6A70N0 00061	61	320	551	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A63	L6A70N0 00063	63	320	551	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A69	L6A70N0 00069	69	320	551	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI A71	L6A70N0 00071	71	320	551	200	G1¼" M	G1¼" M	G1¼" M	G1¼" M
SPI D15	L6D70N1 00015	15	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D17	L6D70N1 00017	17	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D19	L6D70N1 00019	19	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D21	L6D70N1 00021	21	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D23	L6D70N1 00023	23	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D31	L6D70N1 00031	31	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D33	L6D70N1 00033	33	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D25-5	L6D70N2 00025	25	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D27-5	L6D70N2 00027	27	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D29-5	L6D70N2 00029	29	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D15-10	L6D70N3 00015	15	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D17-10	L6D70N3 00017	17	678	408	310	G2" M	G2" M	G2" M	G2" M
SPI D19-10	L6D70N3 00019	19	678	408	310	G2" M	G2" M	G2" M	G2" M

SPI Technical drawings



SPI



MODEL	N. of plates	POWER KW	PRIMARY CIRCUIT 55/50 °C		SECONDARY CIRCUIT 10/45 °C	
			FLOW RATE	PRESSURE DROP	FLOW RATE	PRESSURE DROP
			m³/h	KPa	m³/h	KPa
SPI A11	11	10	1.74	10.5	0.25	0.22
SPI A19	19	20	3.49	13.71	0.49	0.29
SPI A29	29	30	5.23	14.24	0.74	0.3
SPI A31	31	40	6.98	22.53	0.99	0.47
SPI A39	39	50	8.72	24.59	1.23	0.51
SPI A51	51	60	10.47	24.77	1.48	0.51
SPI A69	69	70	12.21	24.6	1.73	0.51
SPI D15	15	80	13.96	24.64	1.98	0.73
SPI D17	17	100	17.45	29.77	2.47	0.87
SPI D19	19	120	20.94	34.42	2.96	0.99
SPI D21	21	130	22.68	33.69	3.21	0.96
SPI D23	23	140	24.42	33.3	3.46	0.95
SPI D23	23	150	26.17	37.92	3.7	1.07
SPI D31	31	190	33.15	37.53	4.69	1.03
SPI D33	33	200	34.89	37.91	4.94	1.03
SPI D25-5	25	160	27.91	39.43	3.95	1.1
SPI D27-5	27	170	29.66	39.01	4.2	1.09
SPI D29-5	29	180	31.4	38.87	4.45	1.07
SPI D17-10	17	90	15.7	29.2	2.22	0.85
SPI D19-10	19	110	19.19	34.1	2.72	0.98

MODEL	N. of plates	POWER KW	PRIMARY CIRCUIT 70/60 °C		SECONDARY CIRCUIT 10/45 °C	
			FLOW RATE	PRESSURE DROP	FLOW RATE	PRESSURE DROP
			m³/h	KPa	m³/h	KPa
SPI A07	7	10	0.88	7.25	0.25	0.58
SPI A11	11	20	1.75	10.56	0.49	0.84
SPI A13	13	30	2.63	16.61	0.74	1.31
SPI A15	15	40	3.51	21.92	0.99	1.73
SPI A17	17	50	4.38	26.58	1.23	2.09
SPI A21	21	60	5.26	25.43	1.48	2.01
SPI A25	25	70	6.14	25.11	1.73	1.98
SPI A29	29	80	7.01	25.3	1.98	2
SPI A31	31	90	7.89	28.6	2.22	2.26
SPI A33	33	100	8.77	31.87	2.47	2.52
SPI A35	35	110	9.65	35.11	2.72	2.78
SPI A39	39	120	10.52	35.49	2.96	2.81
SPI A43	43	130	11.4	36.27	3.21	2.88
SPI A49	49	140	12.28	35.48	3.46	2.82
SPI A51	51	150	13.15	38.77	3.7	3.08
SPI A55	55	160	14.03	40.4	3.95	3.21
SPI A61	61	170	14.91	40.84	4.2	3.25
SPI A69	69	180	15.78	40.74	4.45	3.25
SPI D15	15	200	17.54	36.9	4.94	3.67
SPI D15-10	15	190	16.66	37.1	4.69	3.68

MODEL	N. of plates	POWER KW	PRIMARY CIRCUIT 70/60 °C		SECONDARY CIRCUIT 30/50 °C	
			FLOW RATE	PRESSURE DROP	FLOW RATE	PRESSURE DROP
			m³/h	KPa	m³/h	KPa
SPI A05	5	10	0.88	16.02	0.43	3.9
SPI A07	7	20	1.75	28.42	0.87	6.92
SPI A09	9	30	2.63	36.14	1.3	8.8
SPI A11	11	40	3.51	41.46	1.74	10.1
SPI A13	13	50	4.38	45.49	2.17	11.08
SPI A15	15	60	5.26	48.76	2.6	11.88
SPI A19	19	70	6.14	41.61	3.04	10.14
SPI A21	21	80	7.01	44.85	3.47	10.94
SPI A23	23	90	7.89	47.88	3.91	11.68
SPI A27	27	100	8.77	44.39	4.34	10.84
SPI A29	29	110	9.65	47.47	4.78	11.59
SPI A33	33	120	10.52	45.67	5.21	11.16
SPI A35	35	130	11.4	48.83	5.64	11.94
SPI A39	39	140	12.28	48.12	6.08	11.78
SPI A43	43	150	13.15	48.13	6.51	11.79
SPI A47	47	160	14.03	48.68	6.95	11.93
SPI A51	51	170	14.91	49.66	7.38	12.18
SPI A57	57	180	15.78	49.06	7.81	12.05
SPI A63	63	190	16.66	49.32	8.25	12.12
SPI A71	71	200	17.54	48.99	8.68	12.05



AS - ASME

AIR SEPARATORS



-18°C / +190°C
(-0,4°F / +375°F)

Technical datasheet



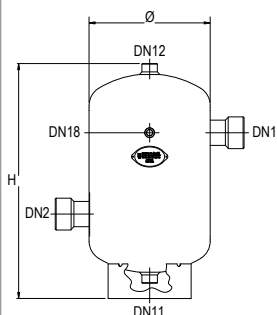
Air separators (with or without strainer)

MODEL	CODE	CAP. L	CAP. GAL	P _{MAX}	P _{MAX} PSI	T _{MAX}	Ø in.	Ø mm	H in.	H mm	L in.	L mm
ASL 020T	ADI4L33	45	12	10.3	150	+190°C 375°F	13.8	350	26.6	675	23.3	590
ASL 025T	ADJ4L33	45	12	10.3	150	+190°C 375°F	13.8	350	26.6	675	21.7	550
ASL 030	ADK4L33	45	12	10.3	150	+190°C 375°F	13.8	350	26.6	675	24.9	630
ASL 040	ADM4L37	86	23	10.3	150	+190°C 375°F	15.7	400	37.2	945	26.6	675
ASL 050	ADN4L37	86	23	10.3	150	+190°C 375°F	15.7	400	37.2	945	27.8	705
ASL 060	ADO4J47	189	50	8.6	125	+190°C 375°F	19.7	500	53.7	1365	33.9	860
ASL 080	ADP4J47	189	50	8.6	125	+190°C 375°F	19.7	500	53.7	1365	35.5	900
ASL 100	ADQ4J58	715	189	8.6	125	+190°C 375°F	31.5	800	76.4	1940	50.8	1290
ASL 120	ADR4J58	715	189	8.6	125	+190°C 375°F	31.5	800	76.4	1940	51.8	1315
ASL 140	ADS4J64	1249	330	8.6	125	+190°C 375°F	37.4	950	92.7	2355	56.9	1445
ASL 160	ADT4J72	2521	666	8.6	125	+190°C 375°F	49.2	1250	113.4	2880	68.9	1750
ASL 180	ADU4J77	4463	1179	8.6	125	+190°C 375°F	55.1	1400	120.5	3060	78.6	1995
ASL 200	ADV4J84	5705	1507	8.6	125	+190°C 375°F	61	1550	124.2	3155	84.3	2140
ASL 240	ADW4J92	8530	2253	8.6	125	+190°C 375°F	65	1650	189.8	4820	84.9	2155
ASW 020T	AEI4L33	45	12	10.3	150	+190°C 375°F	13.8	350	26.6	675	24.5	620
ASW 025T	AEJ4L33	45	12	10.3	150	+190°C 375°F	13.8	350	26.6	675	22.9	580
ASW 030	AEK4L33	45	12	10.3	150	+190°C 375°F	13.8	350	26.6	675	28	710
ASW 040	AEM4L37	86	23	10.3	150	+190°C 375°F	15.7	400	37.2	945	26.2	665
ASW 050	AEN4L37	86	23	10.3	150	+190°C 375°F	15.7	400	37.2	945	31.5	800
ASW 060	AEO4J47	189	50	8.6	125	+190°C 375°F	19.7	500	53.7	1365	38.2	970
ASW 080	AEP4J47	189	50	8.6	125	+190°C 375°F	19.7	500	53.7	1365	39.8	1010
ASW 100	AEQ4J58	715	189	8.6	125	+190°C 375°F	31.5	800	76.4	1940	55.4	1405
ASW 120	AER4J58	715	189	8.6	125	+190°C 375°F	31.5	800	76.4	1940	56.3	1430
ASW 140	AES4J64	1249	330	8.6	125	+190°C 375°F	37.4	950	92.7	2355	62.1	1575
ASW 160	AET4J72	2521	666	8.6	125	+190°C 375°F	49.2	1250	113.4	2880	74.3	1885
ASW 180	AEU4J77	4463	1179	8.6	125	+190°C 375°F	55.1	1400	120.5	3060	84.5	2145
ASW 200	AEV4J84	5705	1507	8.6	125	+190°C 375°F	61	1550	124.2	3155	90.7	2303
ASW 240	AEW4J92	8530	2253	8.6	125	+190°C 375°F	65	1650	189.8	4820	92.6	2350

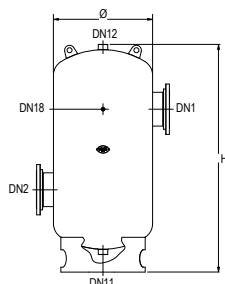


AS - ASME AIR SEPARATORS Technical drawings

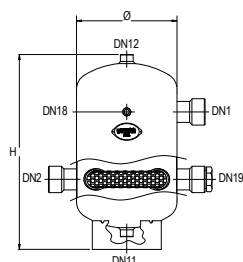
ASL 020T - 025T



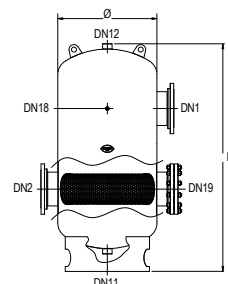
ASL 030 - 240



ASW 020T - 025T



ASW 030 - 240



AS - ASME AIR SEPARATORS Connection heights (mm)

MODEL	DN1	DN2	DN11	DN18	DN19
ASL 020T	475	235	45	475	-
ASL 025T	475	240	45	475	-
ASL 030	475	240	45	475	-
ASL 040	680	395	115	680	-
ASL 050	705	365	115	705	-
ASL 060	980	560	175	980	-
ASL 080	960	575	175	960	-
ASL 100	1360	720	140	1360	-
ASL 120	1355	725	140	1355	-
ASL 140	1685	895	230	1685	-
ASL 160	2070	1100	305	2070	-
ASL 180	2185	1055	180	2185	-
ASL 200	2185	1145	180	2185	-
ASL 240	3650	1450	300	3650	-
ASW 020T	475	235	45	475	235
ASW 025T	475	240	45	475	240
ASW 030	475	240	45	475	240
ASW 040	680	395	115	680	395
ASW 050	705	365	115	705	365
ASW 060	980	560	175	980	560
ASW 080	960	575	175	960	575
ASW 100	1360	720	140	1360	720
ASW 120	1355	725	140	1355	725
ASW 140	1685	895	230	1685	895
ASW 160	2070	1100	305	2070	1100
ASW 180	2185	1055	180	2185	1055
ASW 200	2185	1145	180	2185	1145
ASW 240	3650	1450	300	3650	1450

AS - ASME AIR SEPARATORS Connection sizes

MODEL	DN1	DN2	DN11	DN12	DN18	DN19
ASL 020T	2" NPT	2" NPT	1" NPT	1" NPT	½" NPT	-
ASL 025T	2½" NPT	2½" NPT	1" NPT	1" NPT	½" NPT	-
ASL 030	3" CI150	3" CI150	1" NPT	1" NPT	½" NPT	-
ASL 040	4" CI150	4" CI150	1½" NPT	1½" NPT	½" NPT	-
ASL 050	5" CI150	5" CI150	1½" NPT	1½" NPT	½" NPT	-
ASL 060	6" CI150	6" CI150	1½" NPT	1½" NPT	½" NPT	-
ASL 080	8" CI150	8" CI150	1½" NPT	1½" NPT	½" NPT	-
ASL 100	10" CI150	10" CI150	2" NPT	2" NPT	½" NPT	-
ASL 120	12" CI150	12" CI150	2" NPT	2" NPT	½" NPT	-
ASL 140	14" CI150	14" CI150	2" NPT	2" NPT	½" NPT	-
ASL 160	16" CI150	16" CI150	2" NPT	2" NPT	½" NPT	-
ASL 180	18" CI150	18" CI150	2" NPT	2" NPT	½" NPT	-
ASL 200	20" CI150	20" CI150	2½" NPT	2½" NPT	½" NPT	-
ASL 240	24" CI150	24" CI150	2½" NPT	2½" NPT	½" NPT	-
ASW 020T	2"	2"	1"	1"	½"	2"
ASW 025T	2½"	2½"	1"	1"	½"	2"½
ASW 030	3"	3"	1"	1"	½"	3"
ASW 040	4"	4"	1½"	1½"	½"	4"
ASW 050	5"	5"	1½"	1½"	½"	5"
ASW 060	6"	6"	1½"	1½"	½"	6"
ASW 080	8"	8"	1½"	1½"	½"	8"
ASW 100	10"	10"	2"	2"	½"	10"
ASW 120	12"	12"	2"	2"	½"	12"
ASW 140	14"	14"	2"	2"	½"	14"
ASW 160	16"	16"	2"	2"	½"	16"
ASW 180	18"	18"	2"	2"	½"	18"
ASW 200	20"	20"	2½"	2½"	½"	20"
ASW 240	24"	24"	2½"	2½"	½"	24"



DT - THERMAL EXPANSION TANKS



-29°C / +116°C
(-20°F / +240°F)

Technical datasheet

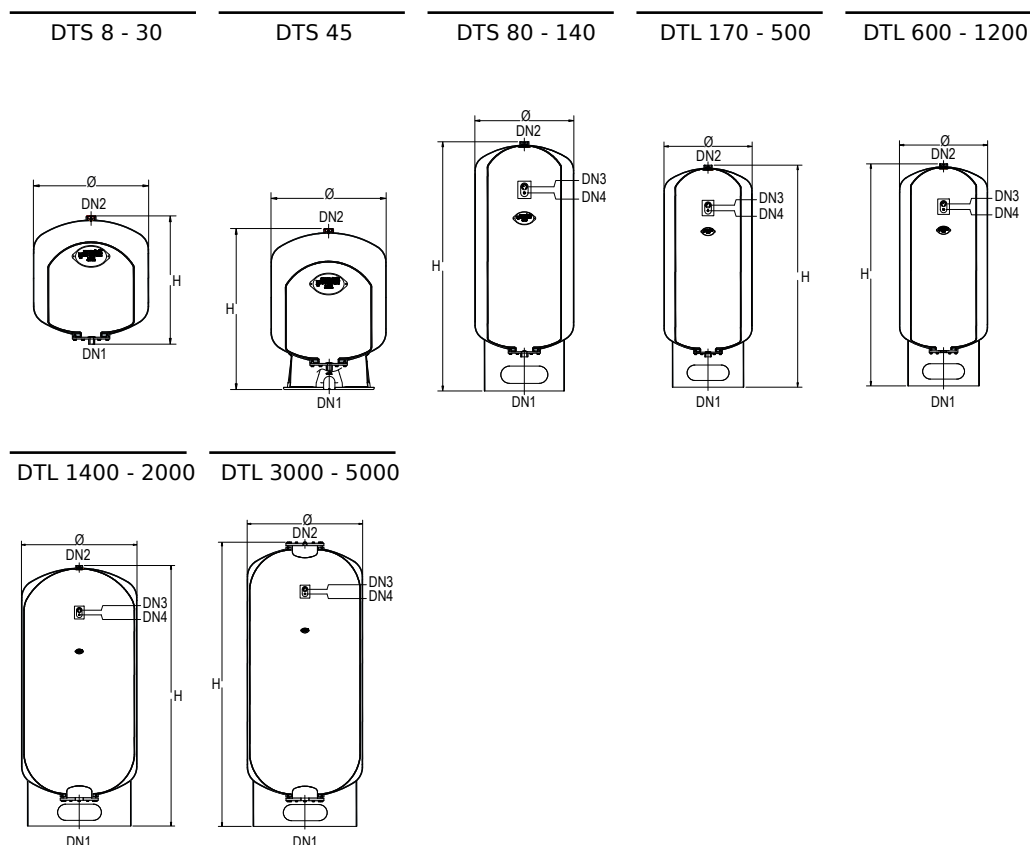


Expansion tanks for sanitary water

MODEL	CODE	CAP. L	CAP. GAL	P _{PRE}	P _{PRE} PSI	P _{MAX}	P _{MAX} PSI	T _{MAX}	Ø in.	Ø mm	H in.	H mm
DTS-8	AA04L16 D0000	8	2	2,5	43.5	10.3	150	+116°C 240°F	10.7	270	10.8	275
DTS-19	AA04L24 D0000	19	5	2,5	43.5	10.3	150	+116°C 240°F	10.7	270	19.5	495
DTS-30	AA04L30 D0000	30	8	2,5	43.5	10.3	150	+116°C 240°F	15.8	400	16	405
DTS-45	AA14L33 D0000	45	12	2,5	43.5	10.3	150	+116°C 240°F	15.8	400	22.7	575
DTS-80	AA14L37 D0000	80	21	2,5	43.5	10.3	150	+116°C 240°F	15.8	400	36.1	915
DTS-100	AA14L38 D0000	100	26.5	2,5	43.5	10.3	150	+116°C 240°F	19.7	500	37.8	960
DTS-140	AA14L42 D0000	140	37	2,5	43.5	10.3	150	+116°C 240°F	19.7	500	43.7	1110
DTL-170	AA34L45 D0000	170	44	2,5	43.5	10.3	150	+116°C 240°F	19.7	500	49.3	1250
DTL-200	AA34L47 D0000	200	53	2,5	43.5	10.3	150	+116°C 240°F	21.7	550	47.5	1205
DTL-300	AA34L51 D0000	300	80	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	49.7	1260
DTL-400	AA34L53 D0000	400	105	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	58.5	1485
DTL-450	AA34L54 D0000	450	120	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	69.3	1760
DTL-500	AA44L55 D0000	500	132	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	75.2	1910
DTL-600	AA44L57 D0000	600	160	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	85.1	2160
DTL-800	AA44L60 D0000	800	210	2,5	43.5	10.3	150	+116°C 240°F	29.6	750	90.4	2295
DTL-1000	AA44L62 D0000	1000	265	2,5	43.5	10.3	150	+116°C 240°F	31.5	800	95.1	2415
DTL-1200	AA44L64 D0000	1200	320	2,5	43.5	10.3	150	+116°C 240°F	35.5	900	95.5	2425
DTL-1400	AA44L66 D0000	1400	370	2,5	43.5	10.3	150	+116°C 240°F	37.5	950	96.9	2460
DTL-1600	AA44L68 D0000	1600	420	2,5	43.5	10.3	150	+116°C 240°F	39.4	1000	98.9	2510
DTL-2000	AA44L70 D0000	2000	530	2,5	43.5	10.3	150	+116°C 240°F	43.4	1100	103.4	2625
DTL-3000	AA44L74 D0000	3000	790	2,5	43.5	10.3	150	+116°C 240°F	49.3	1250	113	2870
DTL-4000	AA44L77 D0000	4000	1060	2,5	43.5	10.3	150	+116°C 240°F	61.1	1550	114	2895
DTL-5000	AA44L80 D0000	5000	1320	2,5	43.5	10.3	150	+116°C 240°F	61.1	1550	121.9	3095



DT - THERMAL EXPANSION TANKS Technical drawings



DT - THERMAL EXPANSION TANKS Connection heights (mm)

MODEL	DN1	DN3	DN4
DTS-45	55	-	-
DTS-80	100	625	575
DTS-100	160	650	600
DTS-140	160	800	750
DTL-170	160	940	890
DTL-200	170	880	830
DTL-300	170	910	860
DTL-400	170	1135	1085
DTL-450	170	1410	1360
DTL-500	170	1560	1510
DTL-600	200	1810	1760
DTL-800	180	1925	1875
DTL-1000	175	2025	1975
DTL-1200	230	2015	1965
DTL-1400	245	2040	1990
DTL-1600	235	2060	2010
DTL-2000	260	2185	2135
DTL-3000	305	2375	2325
DTL-4000	310	2275	2225
DTL-5000	310	2475	2425

DT - THERMAL EXPANSION TANKS Connection sizes

MODEL	DN1	DN2	DN3	DN4
DTS-8	1" NPT	1¼" NPT	-	-
DTS-19	1" NPT	1¼" NPT	-	-
DTS-30	1" NPT	1¼" NPT	-	-
DTS-45	1" NPT	1¼" NPT	-	-
DTS-80	1" NPT	2" NPT	G¼"	G½"
DTS-100	1" NPT	2" NPT	G¼"	G½"
DTS-140	1¼" NPT	2" NPT	G¼"	G½"
DTL-170	1¼" NPT	2" NPT	G¼"	G½"
DTL-200	1¼" NPT	2" NPT	G¼"	G½"
DTL-300	1¼" NPT	2" NPT	G¼"	G½"
DTL-400	1¼" NPT	2" NPT	G¼"	G½"
DTL-450	1¼" NPT	2" NPT	G¼"	G½"
DTL-500	1¼" NPT	2" NPT	G¼"	G½"
DTL-600	2" NPT	2" NPT	G¼"	G½"
DTL-800	2" NPT	2" NPT	G¼"	G½"
DTL-1000	2" NPT	2" NPT	G¼"	G½"
DTL-1200	2" NPT	2" NPT	G¼"	G½"
DTL-1400	3" NPT	2" NPT	G¼"	G½"
DTL-1600	3" NPT	2" NPT	G¼"	G½"
DTL-2000	3" NPT	2" NPT	G¼"	G½"
DTL-3000	3" NPT	3" NPT	G¼"	G½"
DTL-4000	3" NPT	3" NPT	G¼"	G½"
DTL-5000	3" NPT	3" NPT	G¼"	G½"



HT - HYDRONIC

HEATING EXPANSION TANKS



-29°C / +116°C
(-20°F / +240°F)

Technical datasheet

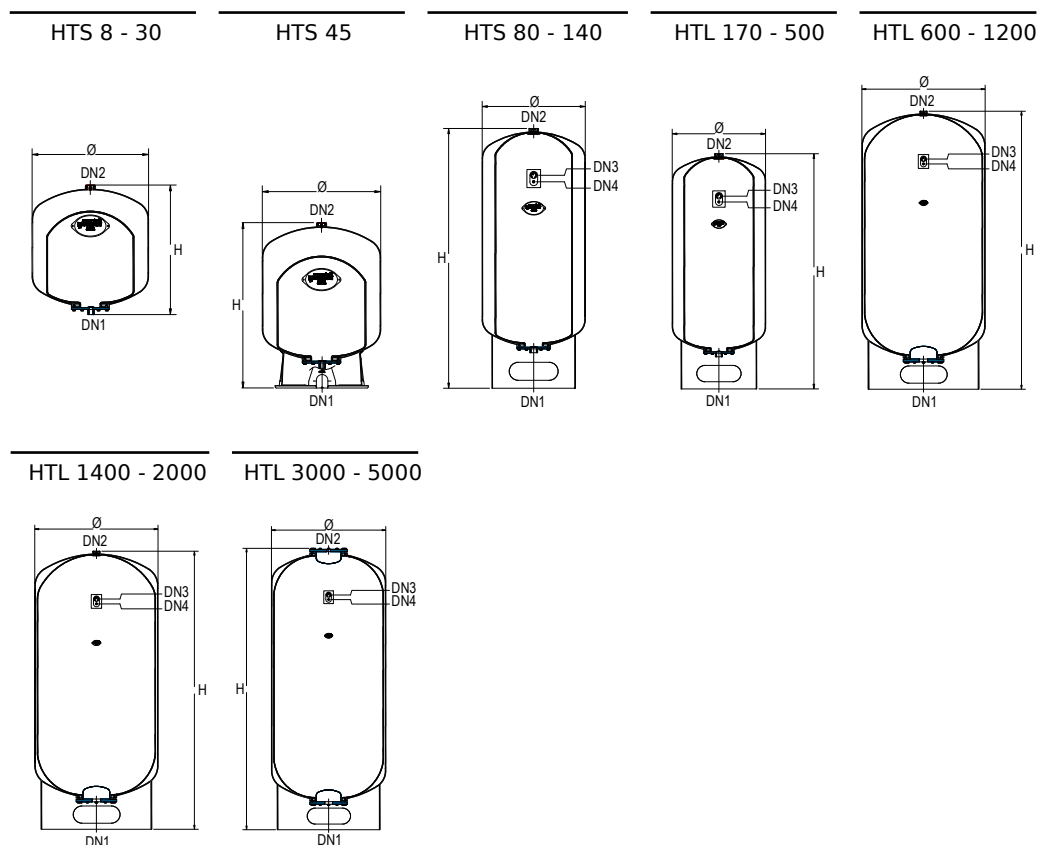


Heating expansion tanks: for heating systems (150 psi)

MODEL	CODE	CAP. L	CAP. GAL	P _{PRE}	P _{PRE} PSI	P _{MAX}	P _{MAX} PSI	T _{MAX}	Ø in.	Ø mm	H in.	H mm
HTS-8	AA04L16 H0000	8	2	2,5	43.5	10.3	150	+116°C 240°F	10.7	270	10.8	275
HTS-19	AA04L24 H0000	19	5	2,5	43.5	10.3	150	+116°C 240°F	10.7	270	19.5	495
HTS-30	AA04L30 H0000	30	8	2,5	43.5	10.3	150	+116°C 240°F	15.8	400	16	405
HTS-45	AA14L33 H0000	45	12	2,5	43.5	10.3	150	+116°C 240°F	15.8	400	22.7	575
HTS-80	AA14L37 H0000	80	21	2,5	43.5	10.3	150	+116°C 240°F	15.8	400	36.1	915
HTS-100	AA14L38 H0000	100	26.5	2,5	43.5	10.3	150	+116°C 240°F	19.7	500	37.8	960
HTS-140	AA14L42 H0000	140	37	2,5	43.5	10.3	150	+116°C 240°F	19.7	500	43.7	1110
HTL-170	AA34L45 H0000	170	44	2,5	43.5	10.3	150	+116°C 240°F	19.7	500	49.3	1250
HTL-200	AA34L47 H0000	200	53	2,5	43.5	10.3	150	+116°C 240°F	21.7	550	47.5	1205
HTL-300	AA34L51 H0000	300	80	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	49.7	1260
HTL-400	AA34L53 H0000	400	105	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	58.5	1485
HTL-450	AA34L54 H0000	450	120	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	69.3	1760
HTL-500	AA44L55 H0000	500	132	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	75.2	1910
HTL-600	AA44L57 H0000	600	160	2,5	43.5	10.3	150	+116°C 240°F	25.6	650	85.1	2160
HTL-800	AA44L60 H0000	800	210	2,5	43.5	10.3	150	+116°C 240°F	29.6	750	90.4	2295
HTL-1000	AA44L62 H0000	1000	265	2,5	43.5	10.3	150	+116°C 240°F	31.5	800	95.1	2415
HTL-1200	AA44L64 H0000	1200	320	2,5	43.5	10.3	150	+116°C 240°F	35.5	900	95.5	2425
HTL-1400	AA44L66 H0000	1400	370	2,5	43.5	10.3	150	+116°C 240°F	37.5	950	96.2	2460
HTL-1600	AA44L68 H0000	1600	420	2,5	43.5	10.3	150	+116°C 240°F	39.4	1000	98.9	2510
HTL-2000	AA44L70 H0000	2000	530	2,5	43.5	10.3	150	+116°C 240°F	43.4	1100	103.4	2625
HTL-3000	AA44L74 H0000	3000	790	2,5	43.5	10.3	150	+116°C 240°F	49.3	1250	113	2870
HTL-4000	AA44L77 H0000	4000	1060	2,5	43.5	10.3	150	+116°C 240°F	61.1	1550	114	2895
HTL-5000	AA44L80 H0000	5000	1320	2,5	43.5	10.3	150	+116°C 240°F	61.1	1550	121.9	3095



HT - HYDRONIC HEATING EXPANSION TANKS Technical drawings



HT - HYDRONIC HEATING EXPANSION TANKS Connection heights (mm)

MODEL	DN1	DN3	DN4
HTS-45	55	-	-
HTS-80	100	625	575
HTS-100	160	650	600
HTS-140	160	800	750
HTL-170	160	940	890
HTL-200	170	880	830
HTL-300	170	910	860
HTL-400	170	1135	1085
HTL-450	170	1410	1360
HTL-500	170	1560	1510
HTL-600	200	1810	1760
HTL-800	180	1925	1875
HTL-1000	175	2025	1975
HTL-1200	230	2015	1965
HTL-1400	245	2040	1990
HTL-1600	235	2060	2010
HTL-2000	260	2185	2135
HTL-3000	305	2375	2325
HTL-4000	310	2275	2225
HTL-5000	310	2475	2425

HT - HYDRONIC HEATING EXPANSION TANKS Connection sizes

MODEL	DN1	DN2	DN3	DN4
HTS-8	1" NPT	1¼" NPT	-	-
HTS-19	1" NPT	1¼" NPT	-	-
HTS-30	1" NPT	1¼" NPT	-	-
HTS-45	1" NPT	1¼" NPT	-	-
HTS-80	1" NPT	2" NPT	G¼"	G½"
HTS-100	1" NPT	2" NPT	G¼"	G½"
HTS-140	1¼" NPT	2" NPT	G¼"	G½"
HTL-170	1¼" NPT	2" NPT	G¼"	G½"
HTL-200	1¼" NPT	2" NPT	G¼"	G½"
HTL-300	1¼" NPT	2" NPT	G¼"	G½"
HTL-400	1¼" NPT	2" NPT	G¼"	G½"
HTL-450	1¼" NPT	2" NPT	G¼"	G½"
HTL-500	1¼" NPT	2" NPT	G¼"	G½"
HTL-600	2" NPT	2" NPT	G¼"	G½"
HTL-800	2" NPT	2" NPT	G¼"	G½"
HTL-1000	2" NPT	2" NPT	G¼"	G½"
HTL-1200	2" NPT	2" NPT	G¼"	G½"
HTL-1400	3" NPT	2" NPT	G¼"	G½"
HTL-1600	3" NPT	2" NPT	G¼"	G½"
HTL-2000	3" NPT	2" NPT	G¼"	G½"
HTL-3000	3" NPT	3" NPT	G¼"	G½"
HTL-4000	3" NPT	3" NPT	G¼"	G½"
HTL-5000	3" NPT	3" NPT	G¼"	G½"



WTL - 2 HYDRONIC

HEATING
EXPANSION
TANKS



-29°C / +116°C
(-20°F / +240°F)

Technical datasheet



Sanitary bladder autoclaves for cold water (200 psi)

MODEL	CODE	CAP. L	CAP. GAL	P _{PRE}	P _{PRE} PSI	P _{MAX}	P _{MAX} PSI	T _{MAX}	Ø in.	Ø mm	H in.	H mm
WTL2-450	AA34P54 W0000	450	102	2,5	55	13.8	200	+116°C 240°F	25.6	650	69.1	1755
WTL2-500	AA44P55 W0000	500	132	2,5	55	13.8	200	+116°C 240°F	25.6	650	75	1905
WTL2-680	AA44P58 W0000	680	180	2,5	55	13.8	200	+116°C 240°F	29.6	750	77.4	1965
WTL2-800	AA44P60 W0000	800	210	2,5	55	13.8	200	+116°C 240°F	29.6	750	91.2	2315

WTL - 2 HYDRONIC HEATING EXPANSION TANKS Connection heights (mm)

MODEL	DN1	DN3	DN4
WTL2-450	200	1410	1360
WTL2-500	200	1560	1510
WTL2-680	180	1575	1525
WTL2-800	180	1925	1875

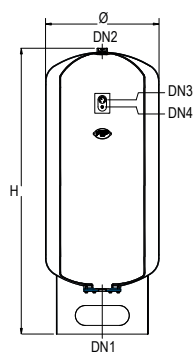
WTL - 2 HYDRONIC HEATING EXPANSION TANKS Connection sizes

MODEL	DN1	DN2	DN3	DN4
WTL2-450	2" NPT	2" NPT	G¼"	G½"
WTL2-500	2" NPT	2" NPT	G¼"	G½"
WTL2-680	2" NPT	2" NPT	G¼"	G½"
WTL2-800	2" NPT	2" NPT	G¼"	G½"



WTL - 2 HYDRONIC HEATING EXPANSION TANKS Technical drawings

WTL 450 - 800





CHL

Technical datasheet



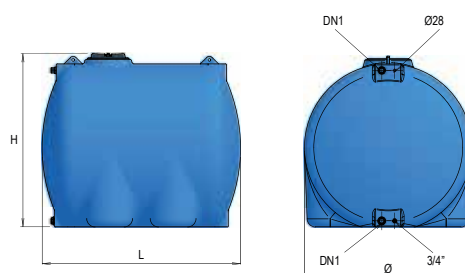
Retention tanks for use above ground

MODEL	CODE	Ø mm	H mm	L mm	DN1	MANHOLE Ø mm
CHL-300	A610051	750	775	790	1"	200
CHL-500	A610055	850	900	980	1"	300
CHL-750	A610059	1000	1050	1080	1¼"	300
CHL-1000	A610062	1100	1155	1150	1¼"	400
CHL-1500	A610067	1250	1305	1350	1½"	400
CHL-2000	A610070	1400	1455	1430	1½"	400
CHL-3000	A610074	1550	1605	1750	1½"	400
CHL-5000	A610080	1820	1875	2080	2"	400

Available without holes.



CHL 300 - 5000



CHO

Technical datasheet



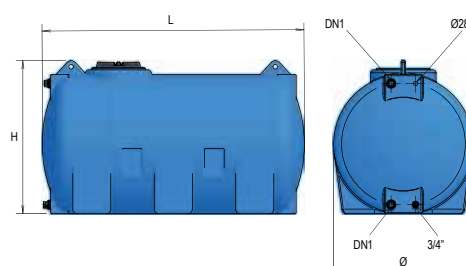
Retention tanks for use above ground

MODEL	CODE	Ø mm	H mm	L mm	DN1	Manhole Ø mm
CHO-300	A580051	625	705	1100	1"	200
CHO-500	A580055	720	800	1500	1"	300
CHO-750	A580059	820	900	1580	1¼"	300
CHO-1000	A580062	915	1005	1720	1¼"	300
CHO-1500	A580067	1155	1255	1630	1½"	400
CHO-2000	A580070	1300	1400	1700	1½"	400
CHO-3000	A580074	1450	1550	2000	1½"	400
CHO-5000	A580080	1740	1840	2310	2"	400

Available without holes.



CHO 300 - 5000





CP

Technical datasheet



Retention tanks for use above ground

MODEL	CODE	H MM	L mm	W mm	DN1	MANHOLE Ø mm
CPN-500	A640055	1080	850	680	1"	300
CPN-800	A640060	1360	1300	665	1"	300
CP-1000	1720442	1470	1410	675	1"	300
CPN-1000	A640062	1455	1430	675	1"	300
CPN-2000	A640070	1900	2050	700	1½"	400
CPN-3000	A640074	1890	2585	790	1½"	400

Available without holes



CPZ

Technical datasheet



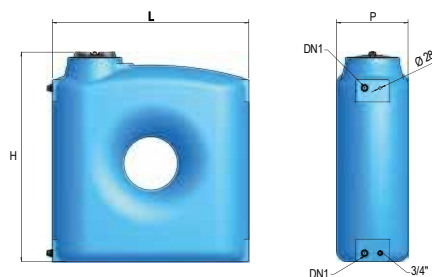
Retention tanks for use above ground

MODEL	CODE	H mm	L mm	W mm	DN1	MANHOLE Ø mm
CPZ-1500	A620067	1860	1760	640	1½"	300
CPZ-2000	A620070	2050	1910	695	1½"	300

Available without holes



CPZ 1500 - 2000





CV

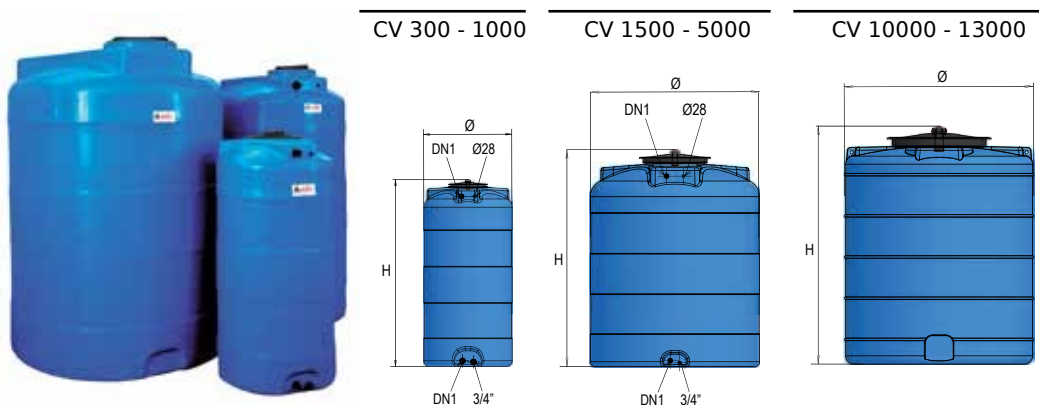
Technical datasheet



Retention tanks for use above ground

MODEL	CODE	Ø mm	H mm	DN1	MANHOLE Ø mm
CV-300	A510051	630	1170	1"	300
CV-500	A510055	700	1460	1"	300
CV-750	A510059	790	1680	1¼"	300
CV-1000	A510062	790	2180	1¼"	300
CV-1500	A510067	1060	1920	1½"	300
CV-2000	A510070	1180	2015	1½"	400
CV-3000	A510074	1450	2050	1½"	400
CV-5000	A510080	1790	2210	2"	400
CV-10000	A510092	2300	2650	-	600
CV-13000	A510095	2300	3400	-	600

Available without holes



PA

Technical datasheet



Retention tanks for use above ground

MODEL	CODE	Ø mm	H mm	DN1	MANHOLE Ø mm
PA-300	A560051	770	820	1"	200
PA-500	A560055	915	940	1"	200
PA-750	A560059	1060	1045	1¼"	200
PA-1000	A560062	1205	1125	1¼"	300
PA-1500	A560067	1300	1350	1½"	300
PA-2000	A560070	1440	1460	1½"	400
PA-3000	A560074	1735	1570	1½"	400
PA-5000	A560080	2020	1885	2"	400

Available without holes





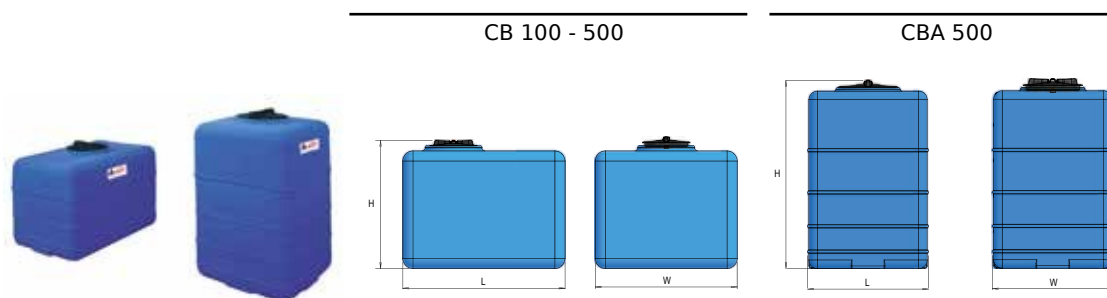
CB

Technical datasheet



Retention tanks for use above ground

MODEL	CODE	H mm	L mm	W mm	MANHOLE Ø mm
CB-100	1720624	575	500	500	200
CB-200	1720629	625	600	700	200
CB-300	1720633	655	700	800	200
CB-500	A530055 00010	770	1065	720	300
CBA-500	A530056 00010	1120	720	720	300



BC

Technical datasheet



Retention tanks for use above ground

MODEL	CODE	Ø mm	H mm	MANHOLE Ø mm
BC-60	A570035	380	660	140
BC-100	A570038	460	720	140
BC-150	A570043	460	1035	140
BC-200	A570047	575	915	215
BC-250	A570049	575	1110	215
BC-300	A570051	575	1310	215





SSC

Technical datasheet



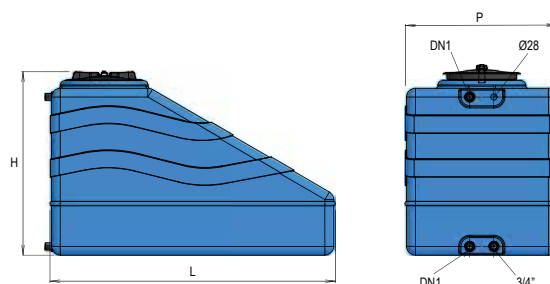
Retention tanks for use above ground

MODEL	CODE	H mm	L mm	W mm	DN1	MANHOLE Ø mm
SSC-300	A600051	680	1150	620	1"	300
SSC-500	A600055	840	1310	710	1"	300

Available without holes



SSC 300 - 500



JAR ORCIO

Technical datasheet



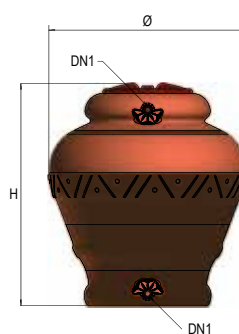
Retention tanks for use above ground

MODEL	CODE	Ø mm	H mm	DN1	MANHOLE Ø mm
JAR-300	A5H0051	800	1080	1"	400
JAR-500	A5H0055	1020	1140	1"	400
JAR-750	A5H0059	1115	1250	1"	400
JAR-1000	A5H0062	1190	1600	1"	400

Available without holes



JAR 300 - 1000





CHU

Technical datasheet



Retention tanks for underground installation

MODEL	CODE	CAP. LITRES	Ø mm	H mm	SIDE mm	HATCH COVER Ø mm
CHU-1000	A590062	1000	915	1415	1720	300
CHU-2000	A590070	2000	1300	1790	1700	400

N.B. Extension provided (removal of the extension will void the warranty).



CHU Technical drawings

CHU 1000 - 2000



CU

Technical datasheet



Retention tanks for underground installation

MODEL	CODE	CAP. LITRES	Ø mm	H mm	SIDE mm	HATCH COVER Ø mm
CU-3000	1720551	3000	1585	1870	1920	500
CU-5000	1720557	5000	1860	2150	2380	500
CU-10000 *	1720563	10000	2130	2225	3410	700

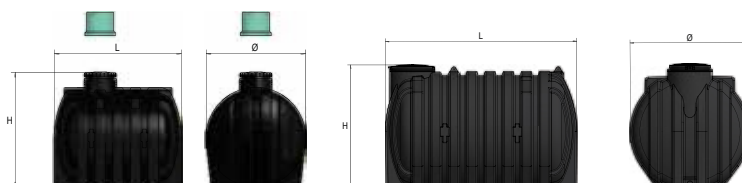
* Tank produced in metallocene, raw material with high elasticity
Extension on request



CU Technical drawings

CU 3000 - 5000

CU 10000





CUV

Technical datasheet



Retention tanks for above/underground installation

MODEL	CODE	CAP. LITRES	Ø mm	H mm	HATCH COVER Ø mm
CUV 1400	A650066 00600	1400	1310	1360	400/150
CUV 1750	A650068 00600	1750	1310	1620	400/150
CUV 2000	A650070 00600	2000	1310	1880	400/150
CUV 3000	A650074 00600	3000	1650	1770	400/150
CUV 3600	A650076 00600	3600	1650	2060	400/150
CUV 4000	A650077 00600	4000	1650	2360	400/150
CUV 6500	A650085 00600	6500	2270	2100	600/150
CUV 8500	A650090 00600	8500	2270	2630	600/150

Tank supplied without holes, possibility of customization
Extension on request



SERBATOI MODULARI

Technical datasheet



Retention tanks for underground installation

MODEL	CODE	CAP. LITRES	Ø mm	H mm	SIDE mm	HATCH COVER Ø mm	N° HATCH COVER
MU-15000	A630015	15000	2100	2200	5370	700	2
MU-20000	A630020	20000	2100	2200	7000	700	3
MU-25000	A630025	25000	2100	2200	8650	700	3
MU-30000	A630030	30000	2100	2200	10250	700	4
MU-35000	A630035	35000	2100	2200	11900	700	4
MU-40000	A630040	40000	2100	2200	13500	700	5

Suitable for containing water. For the containment of substances not expressly indicated, contact the technical department. Maintaining the characteristics of the liquids contained inside tanks should be checked by and are the responsibility of the user.

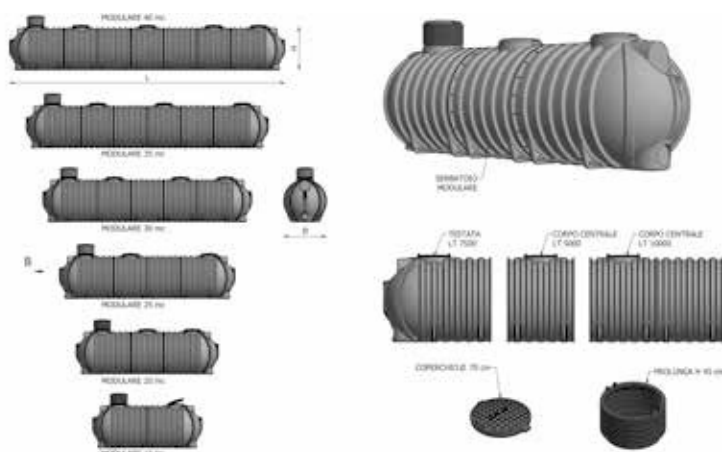
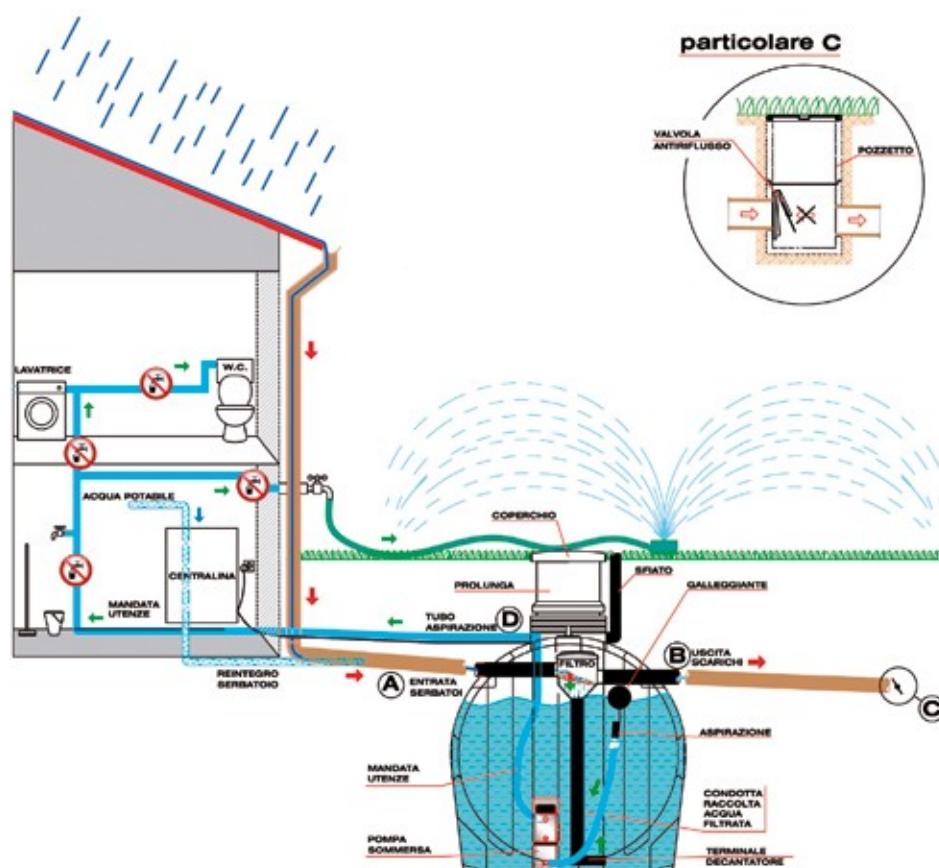
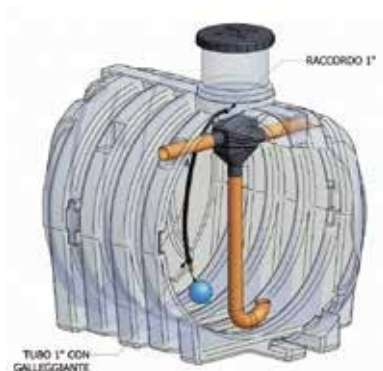


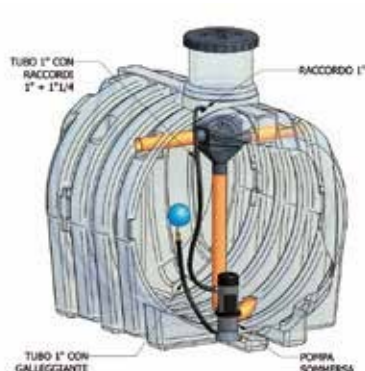
DIAGRAM OF SYSTEM WITH “PX” MODULE WITH SUBMERSIBLE PUMP



RAIN BASIC



RAIN BASIC WITH SUBMERSIBLE PUMP



IMPORTANT NOTES:

Remember that:

- Before proceeding with installation of the rainwater collection system, you must assess the hydro-geological and morphological features of the ground;
- It is necessary to read the installation instructions supplied with the system carefully;
- Installation must be carried out as state-of-the-art by a specialist technician;
- A correct installation procedure, together with regular cleaning of the filter, is fundamental for a good and long-lasting working system.
- The water supplied from the utilities connected to the rainwater recovery system is not drinkable.
- For underground installation, always follow the instructions.



RAIN SYSTEM

Technical datasheet



Rainwater harvesting systems

RAIN BASIC CHU

MODEL	CODE	VOLUME L	L mm	H mm	Ø mm
RAIN BASIC CHU 1.000	A590062 V0000	1000	1720	1415	915
RAIN BASIC CHU 2.000	A590070 V0000	2000	1700	1790	1300

Equipment for RAIN BASIC CHU 1.000-2.000: Extension; basket filter; arrangement for plumbing connections. The pre-assembled basket filter has a MAX flow rate of 3 L/s. For higher flow rates, contact the technical office.

RAIN BASIC CU

MODEL	CODE	VOLUME L	L mm	H mm	Ø mm
RAIN BASIC CU 3000 - B	A520074 V0000	3000	1920	2270	1585
RAIN BASIC CU 5000 - B	A520080 V0000	5000	2380	2540	1860
RAIN BASIC CU 10000 - B	A520092 V0000	10000	3410	2660	2130

Equipment for RAIN BASIC CU 3.000 ÷ 10.000 Extension; self-cleaning filter; settling end; arrangement for plumbing connections. The pre-assembled self-cleaning filter has a MAX flow rate of 1.5 L/s. For higher flow rates, contact the technical office. N.B.: The useful capacity of the pre-fitted tanks is reduced by approximately 15% for the models CU 3.000 and CU 5.000, and by 10% for the model CU 10.000.

RAIN BASIC MODULARE

MODEL	CODE	VOLUME L	L mm	H mm	Ø mm
RAIN BASIC M 15000 - B	A520093 V0000	15000	5370	2160	2100
RAIN BASIC M 20000 - B	A520094 V0000	20000	7000	2160	2100
RAIN BASIC M 25000 - B	A520095 V0000	25000	8650	2160	2100
RAIN BASIC M 30000 - B	A520096 V0000	30000	10250	2160	2100
RAIN BASIC M 35000 - B	A520097 V0000	35000	11900	2160	2100
RAIN BASIC M 40000 - B	A520098 V0000	40000	13500	2160	2100

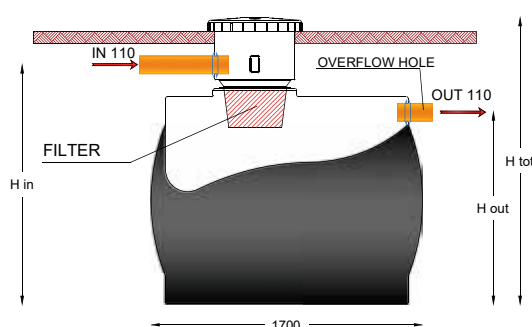
Equipment for RAIN BASIC with MODULAR TANKS: Settling end; arrangement for plumbing connections. For MU series tanks the Upper Extension will be supply on demand. For capacities greater than 40.000 liters, contact the technical office. N.B.: The useful capacity of the pre-fitted tanks is reduced by approximately 10% for the MU series



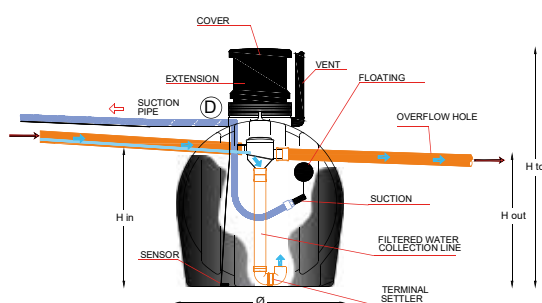
The control unit and the electrical connections must be purchased separately and connected at the time of installation. Hydraulic material (pipes, fittings, silicone, etc.), various accessories, elect

RAIN SYSTEM Technical drawings

RAIN BASIC CHU 1000 AND CHU 2000



RAIN BASIC CU DE 3000 À 10000



RAIN SYSTEM ACCESSORIES

INSPECTION WELL WITH REMOVABLE FILTER

Inspection well with manual cleaning removable filter for rainwater recovery (basket filter with 1 mm x 1 mm mesh). Suitable for flow rates up to 3 l/s with clean filter (550 m2 surfaces)

MODEL	CODE	DIMENSION L X L X H mm	VOLUME L	PIPES DIAMETER - Ø mm
Rain System inspection well 110	1720629 FRS11	700 x 600 x 625	200	110
Rain System inspection well 125	1720629 FRS12	700 x 600 x 625	200	125
Rain System inspection well 160	1720629 FRS16	700 x 600 x 625	200	160

MODULES AND CONTROL UNITS FOR “RAIN BASIC” SYSTEMS

Management and control systems

The command unit controls and manages the entire system, guaranteeing continuous operation in total safety. You can choose between three different management and distribution systems of the rainwater: the PX model with a stainless steel submersible pump, the S and F models (base).



SUBMERSIBLE PUMP “PX” KIT

The PX unit is composed of a stainless steel submersible pump, a safety device, an intake Pipe (L. 2.5 m; Ø 1”) and a cable gland M16.



MODEL	CODE	Q MAX L / MIN	PREVAL. MAX H (m)	POWER KW	CONTROL UNIT SIZE H X L X P mm
MODULO PX1 / CONTROL UNIT + SUBMERSIBLE PUMP	L3AG080 PX100	0 - 60	49 - 8	0.9	718 x 650 x 260
MODULO PX4 / CONTROL UNIT + SUBMERSIBLE PUMP	L3AG080 PX400	0 - 145	51 - 9	1.1	718 x 650 x 260
MODULO PX5 / CONTROL UNIT + SUBMERSIBLE PUMP	L3AG080 PX500	0 - 145	62 - 10	1.49	718 x 650 x 260

Kit including float with rose pipe



S MODEL



F MODEL

“S” and “F” CONTROL UNIT with self-catching pump

Warning: the control unit must be installed inside the home, in an enclosed, covered and dry place
CONTROL UNITS COMPLY WITH EUROPEAN STANDARD EN 1717



MODEL	CODE	POWER KW	ALIM. 50 HZ	HYDRAULIC DATA											DNM PUMP	WEIGHT KG
Control unit mod. S + electric pump	L3AG039	0.55	220 V	Q (l/min)	0	10	20	30	40	50	55	60	70	80	1"	18
				H (m)	42.2	40.2	38.2	36.2	33.8	30	27.7	24.8	19.5	14		
Control unit mod. F + electric pump	L3AG001	0.75	220 V	Q (l/min)	0	10	20	30	40	50	55	60	70	80	1"	32
				H (m)	57.7	55.3	52.8	50.1	47.1	42.7	39.5	39.5	35.8	19.2		

Kit including float with rose pipe.



CLEAR WATER ELECTROPUMP - RAINWATER RECOVERY

Kit including float with rose pipe.

MODEL	CODE	POWER HP - KW	ALIM. 50 HZ	DONNÉE HYDRAULIQUE			DNM PUMP	WEIGHT KG	DIMENSION Ø X H mm	
Submersible electric pump 0.65 KW + G	L39PG16	0.9 0.65	230 V	Q (l/min)	20	50	100	1"1/4	11.7	461 x 130
				H (m)	44	36	11			
Submersible electric pump 1.2 KW + G	L39PG30	1.6 1.2	230 V	Q (l/min)	20	50	100	1"1/4	16.7	588 x 130
				H (m)	75	62	20			

ACCESSORIES FOR ELECTRIC PUMPS AND RAINWATER RE-INTEGRATION

MODEL	CODE
 Pressure switch (2 HP) - Built-in pressure gauge - adjustable pressure - dry running protection - IP 65 - D. IN/OUT 1" - p. max. 1.5 KW	L39P003
 Switchgear QMT5 - 0.65; dim. 150 x 110 x 70 mm (p. 0.9-1.1 HP - A max 7 - protection 40 IP)	L39Q008
 Switchgear QMT10 - 1.2; dim. 150 x 110 x 70 mm (p. 1.3-1.6 HP - A max 10 - protection 40 IP)	L39Q009
 Rainwater replenishment kit for Rain tanks: control panel with level indicators, probe kit, solenoid valve	L3A0085

LEAF FILTERS FOR RAINWATER

For larger sizes and further info, contact the technical office.

MODEL	CODE
 FAP 100 Self-cleaning internal tank filter (up to 200 m2)	L3A0031
FAP 150 Self-cleaning internal tank filter (up to 650 m2)	L3A0032

RAIN SYSTEM ACCESSORIES

FILTER GROUP AND SPARE PARTS FOR RAINWATER REFINEMENT



The rainwater filtration kit removes sediments, odors and colors in rainwater thus ensuring excellent quality. The system is mounted between the delivery electric pump and the utilities.

	MODEL	CODE
	Filter unit with filter cartridges	L3Y0003
	Replacement cartridge CCP 20 SX 25 Micron	L3Y0004
	CB/EC SX 10 Micron replacement cartridge	L3Y0005
	Replacement cartridge RAH 90 Micron	L3Y0006

ANTIBACTERIAL UV LAMP



Antibacterial UV lamp for rainwater disinfection consisting of a ducted reaction chamber made of stainless steel, traditional high intensity lamps (LPHO type), an electrical panel for managing the connection wiring.

	MODEL	CODE
	UV debacterialiser 2.7 m3/h	L3Y0007 00006
	UV debacterialiser 5.2 m3/h	L3Y0007 00007
	UV debacterialiser 12 m3/h	L3Y0007 00008

Applications

EXPANSION VESSELS
ER/ERCE SERIES

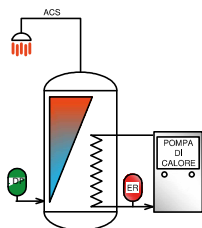
MULTIFUNCTIONAL EXPANSION VESSELS
DP/DPV SERIES

EXPANSION SOLAR VESSELS
DS/DSV SERIES

TEMPERATURE REDUCING TANKS
STP SERIES

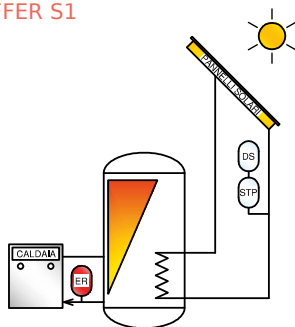
GLASSLINED CYLINDER FOR HEAT PUMP

BSP



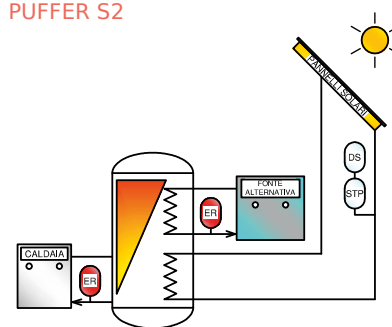
THERMAL FLYWHEEL WITH SINGLE HEAT EXCHANGER

PUFFER S1



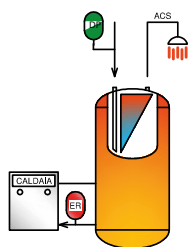
THERMAL FLYWHEEL WITH 2 HEAT EXCHANGERS

PUFFER S2

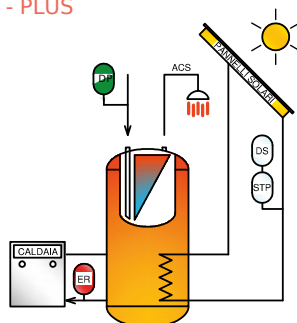


COMBI

CMS - STANDARD

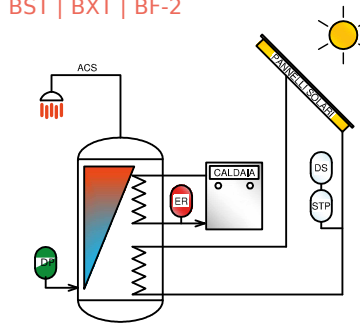


CMP - PLUS



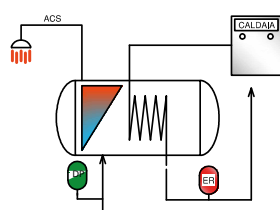
DHW CYLINDER WITH 2 HEAT EXCHANGERS

BST | BXT | BF-2

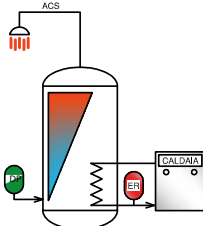


DHW CYLINDER WITH 1 HEAT EXCHANGER

BSH HORIZONTAL

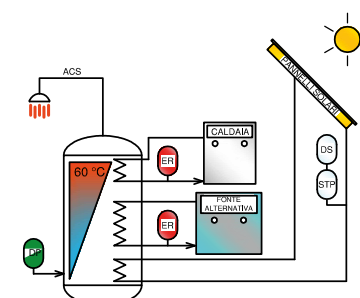


BSV | BXV | BF-1



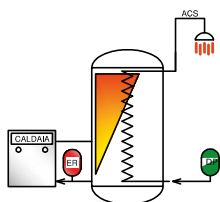
DHW CYLINDER WITH 3 HEAT EXCHANGERS

BF-3

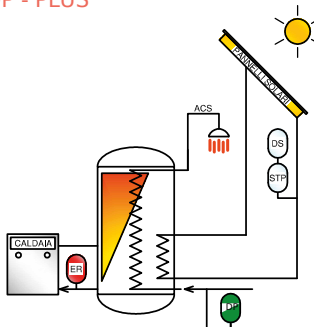


COMBI QUICK

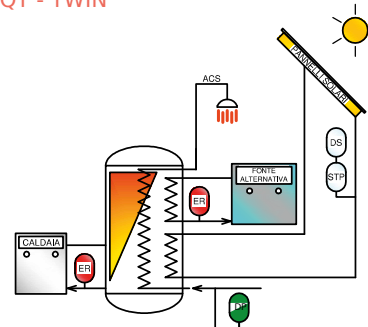
CQS - STANDARD



CQP - PLUS



CQT - TWIN





AZIENDA CON
SISTEMA DI GESTIONE QUALITA'
CERTIFICATO DA DNV
ISO 9001

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