

JÄSPI-GTV

270, 500, and 700

ENERGY ACCUMULATORS

Classy and efficient heat-accumulating GTV energy accumulators are suitable for both new applications and reconstructions.

JÄSPI-GTV 270 is ideal for expanding water space of a combination boiler. The accumulator ensures more efficient operation of a solid fuel boiler and improves efficiency of diesel/gas fuel operation. GTV 270 can be also added to the boiler as a water heater. It can be positioned both vertically and horizontally (e.g. on the ceiling of the boiler house).

JÄSPI-GTV 500 is used for accumulating larger energy quantities. Connected in series, GTV 500 accumulators are a good solution for more powerful solid fuel heating or nighttime power charge. A hot water coil will be selected for GTV 500 based on hot water supply demand.

JÄSPI-GTV 700 is applied in water circulating heating with various energy sources. It can be used as an accumulator for diesel/gas/solid fuel boiler, nighttime power charge, hot air or heat pump heating systems. GTV 700's two hot water coils ensure sufficient hot water production. GTV 700 accumulators are also available for solar power charge. A solar power coil can be ordered at once or installed later.

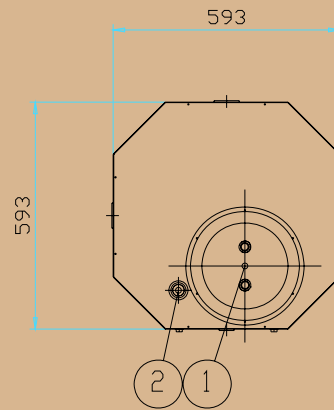
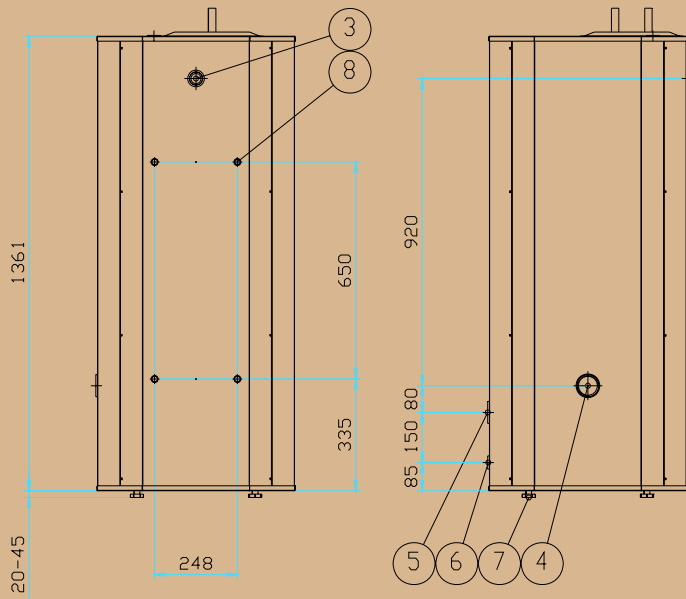
JÄSPI-GTV accumulators feature robust and thick freon-free polyurethane insulation ensuring minor heat losses.

All JÄSPI-GTV accumulators are stylishly steel-sheathed and designed to be transported through narrow openings and positioned in small rooms.

Hot water coils have flanged mounting to be easily installed later or replaced if necessary. GTV accumulators also have R2 nozzles for tubular electric heaters.



JÄSPI-GTV-270



SCOPE:

VERTICAL MOUNTING

1. Ø22 replaceable hot water coil
2. R 1" heating/deaeration loop outlet nozzle
3. R 1" boiler inlet nozzle
4. R 2" tubular electric heater/heating loop return nozzle
5. R 2" tubular electric heater/heating loop return nozzle
6. R 1" boiler outlet nozzle
7. M10 adjustable legs
8. M10 horizontal mounting screws

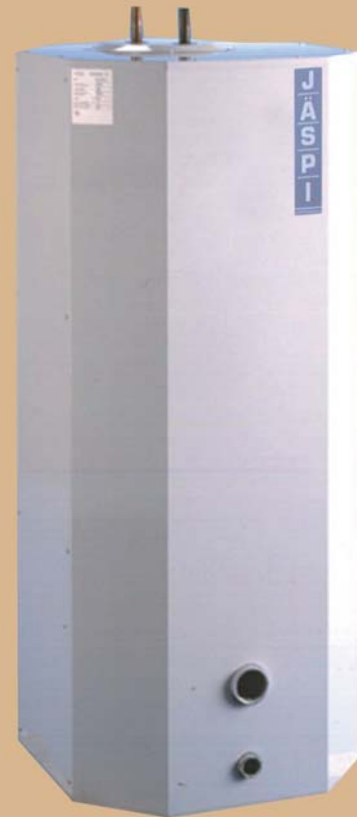
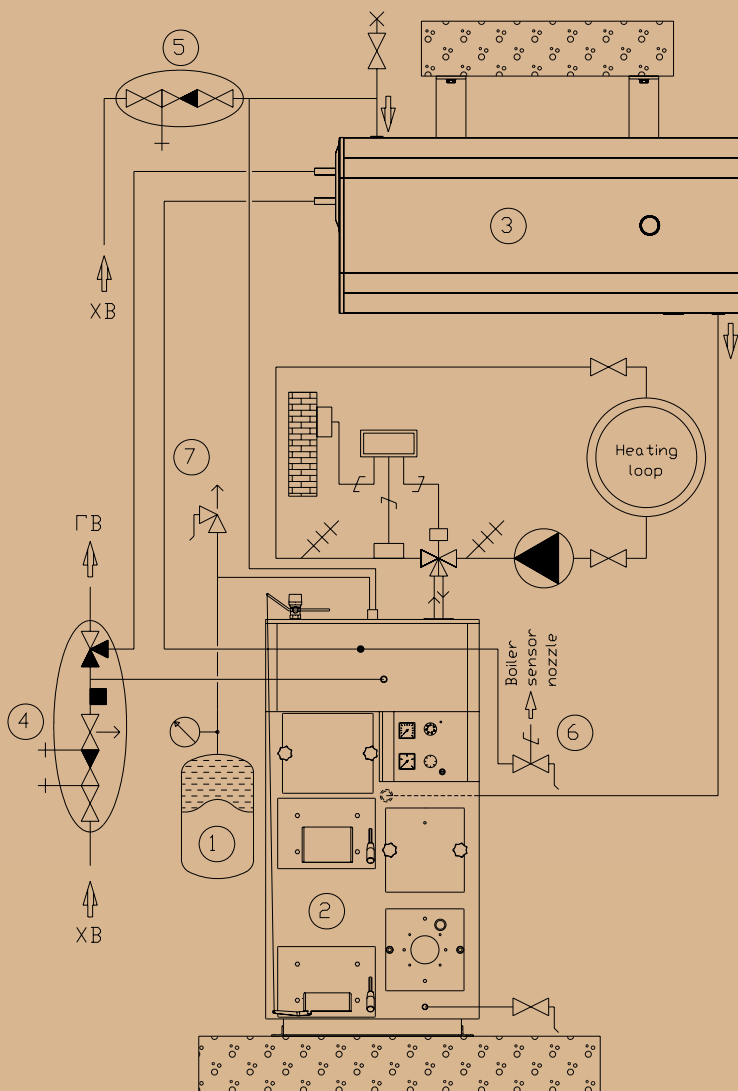
HORIZONTAL MOUNTING (screws on top)

1. Ø22 replaceable hot water coil
2. R 1" heating loop outlet nozzle
3. R 1" deaeration/boiler inlet nozzle
4. R 2" tubular electric heater nozzle
5. R 2" loop return nozzle
6. R 1" boiler outlet nozzle
7. M10 adjustable legs
8. M10 horizontal mounting screws

Model	Volume	Weight	Pressure	Hot water coil
GTV	l	kg	bar	l/min
270-1.5	270	110	1.5	-
270-35-1.5	270	110	1.5	35 Ø22 Cu
270-4	270	110	4	-
270-35-4	270	110	4	35 Ø22 Cu

Design temperature: 100°C

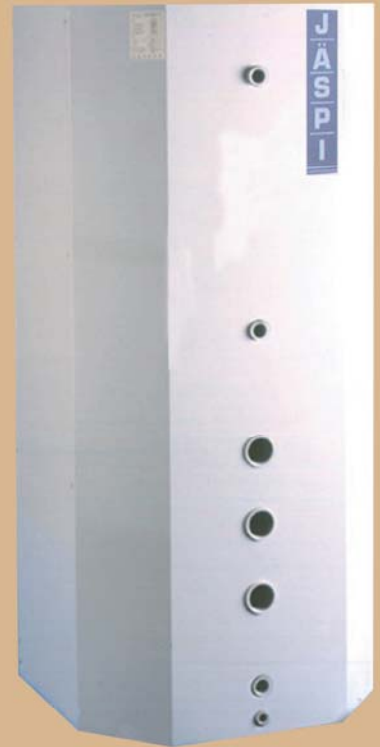
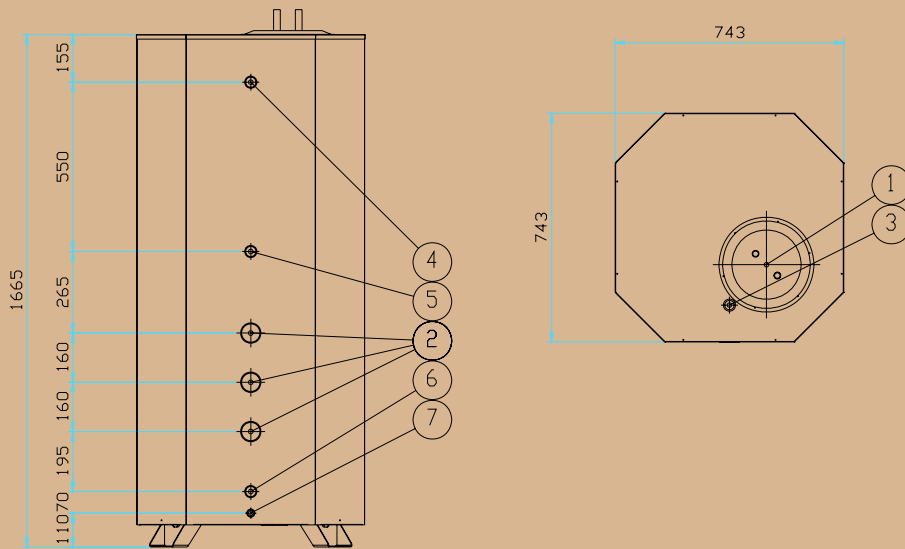
We reserve the right to modify design and dimensions!



GTV-270 HORIZONTAL CONNECTION TO THE COMBINATION BOILER

1. Membrane expansion tank
2. Jäspi Tupla / Triplex combination boiler
3. GTV-270 energy accumulator
4. Thermostatic mixing hot water supply valve
5. Boiler water filling valve
6. Thermal safety valve
7. 1.5 bar safety valve

JÄSPI-GTV-500



SCOPE:

1. Replaceable hot water coil
2. R 2" tubular electric heater nozzle
3. R 1" heating loop outlet nozzle
4. R 1" boiler inlet nozzle
5. Additional R 1" boiler outlet/heating loop return nozzle
6. R 1" boiler outlet/heating loop return sleeve
7. R 1/2" drain nozzle

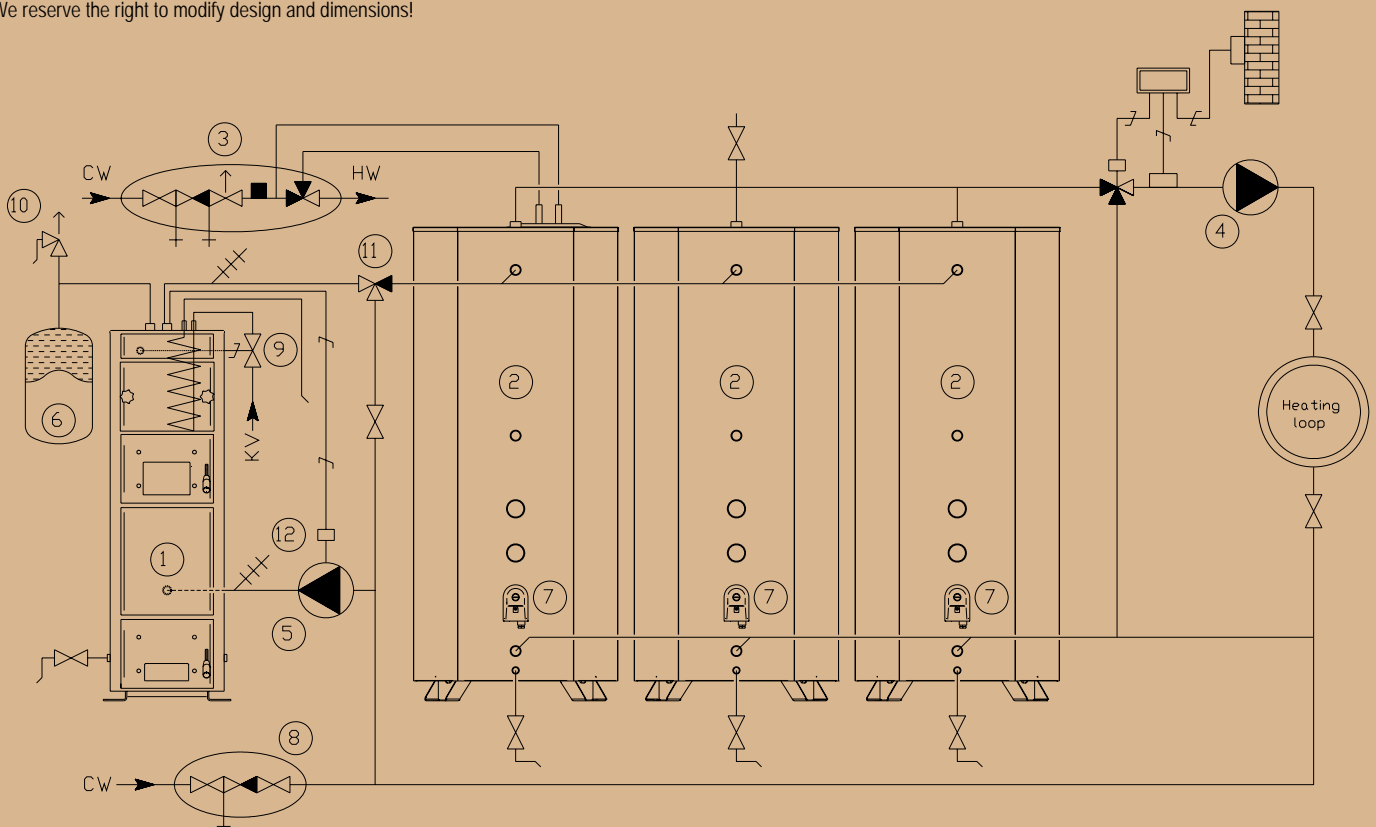
Model	Volume	Weight	Pressure	Hot water coil
GTV	l	kg	bar	l/min
500-1,5	500	180	1,5	-
500-35-1,5	500	180	1,5	35 Ø22 Cu
500-80-1,5	500	180	1,5	80 R25
500-4	500	180	4	-
500-35-4	500	180	4	35 Ø22 Cu
500-80-4	500	180	4	80 R25
500-100-4	500	180	4	100 R32

Design temperature: 100°C

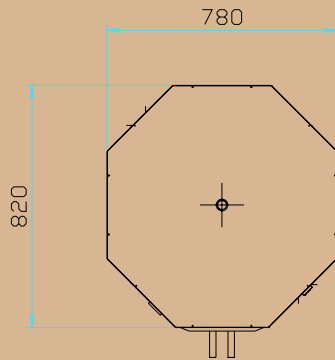
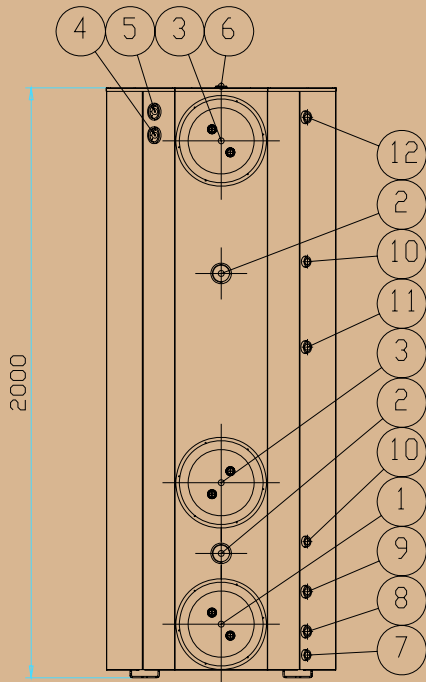
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GTV-500 TO BOILER CONNECTION

1. Jäspi solid fuel boiler
2. GTV-500 energy accumulator
3. Thermostatic mixing hot water supply valve
4. Heating loop circulating pump
5. Charging pump
6. Membrane expansion tank
7. Required quantity of Jäspi tubular electric heaters
8. Boiler water filling valve
9. Thermal safety valve
10. 1.5 bar safety valve
11. Teräsvar thermostatic charging valve
12. Pump thermostat



JÄSPI-GTV-700



SCOPE:

1. Ø22 Cu solar power coil (optional)
2. R 2" BP tubular electric heater sleeve
3. Ø22 hot water coil
4. R 1/2" lower level thermometer
5. R 1/2" upper level thermometer
6. R 1" BP heating loop outlet nozzle (ensure deaeration)
7. R 3/4" BP drain nozzle
8. R 1" BP heating loop return nozzle (expansion)
9. R 1" BP warm floor loop return nozzle
10. R 3/4" BP thermostat nozzle
11. R 1" BP warm floor loop outlet nozzle, this is item 6 when added a BIV valve
12. R 1" BP boiler inlet nozzle



Model	Volume	Weight	Pressure	Hot water coil	
GTV	l	kg	bar	l/min	
700 IK	700	250	1,5	-	-
700	700	250	1,5	35	Ø22 Cu

Design temperature: 100°C

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Dealer