

## Air to water heat pump

- Complete heating system: indoor unit, outdoor unit, ground stand, insulated condensate drain, heat exchanger, mounting kit
- Adaptable to power requirements Split outdoor unit
- Models 6, 8 or 12
- Operating range down to -20 ° C
- Produces max. 58 degree water
- Easy to use operating menu
- Integrated stainless steel hot water tank 215 l inside indoor unit
- MyUpway remote monitoring



Jäspi Tehowatti Air Split air to water heat pumps provide both heating and domestic hot water. The system is a great solution for both a new house as a heating system and a renovation house as a substitute for oil heating. Can be connected to underfloor heating or to radiators already in the property. Suitable for most detached houses (50-200 m<sup>2</sup>).



Energy class:  
underfloor heating  
system



remote  
monitoring

Technical details, outdoor unit		6	8	12
HVAC number		5058554	5058548	5058549
Measurements H x W x D	mm	640 x 800 x 290	750 x 880 x 340	845 x 970 x 410
Weight	kg	46	60	74
Slab recommendation W x D	mm	800 x 850		
Ground stand measurements H x W x D	mm	400 x 720 x 510	400 x 720 x 580	
Energy label *		A+++/A++		
SCOP underfloor/radiator **		3,65/2,97	3,55/2,78	3,63/2,85
Sound pressure level ***	dB(A)	37	41	44
Installation		Plumber or refrigeration installer (cold permits)		
Kompressor		Inverter, Twin Rotary		
Refrigerant amount ****	kg	1,5 (R32)	2,55 (410A)	2,90 (410A)
Refrigerant pipe size, gas/liquid		1/2" / 1/4"	5/8" / 3/8"	5/8" / 3/8"
Refrigerant pipe max length	m	30	30	30
Fuse size, outdoor unit	A	1 x 16		1 x 16/20/25
<b>Technical details, Splitbox hot gas exchanger</b>		<b>6, 8, 12</b>		
Measurements H x W x D	mm	490 x 320 x 200		
Weight	kg	18		
Fuse size, Splitbox	A	1 x 10		

\* System 35/55 °C. \*\* Cold climate. \*\*\* Outdoor unit sound pressure level at 2 meter distance in free space.

\*\*\*\* SPLIT 6: If refrigerant pipe length exceeds 15 m, cold medium must be added 0,02 kg/pipe meter.

SPLIT 8/12/16: If refrigerant pipe length exceeds 15 m, cold medium must be added 0,06 kg/m.

Technical details, indoor unit		
Measurements H x W x D	mm	1670 x 600 x 620
Weight	kg	115
Volume	l	215
Electric heating element, step control	kW	9
Fuse size, indoor unit	A	3 x 16
Hot water connections	mm	Ø 22
Heating connections	mm	Ø 22
Heat pump connections	mm	Ø 22
Hot water production 40 °C, eco-normal-luxus	l	220-250-280

Accessories	Code / HVAC
Additional shunt set under 80 m <sup>2</sup>	M02556
Additional shunt set over 80 m <sup>2</sup>	M02691
Lisäwatti electric boiler	T000744
Buffer 50 buffer tank*	5360158
Buffer 100 buffer tank*	5360118
Buffer 200 buffer tank*	5360119

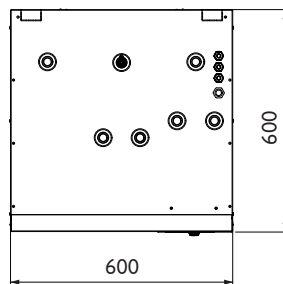
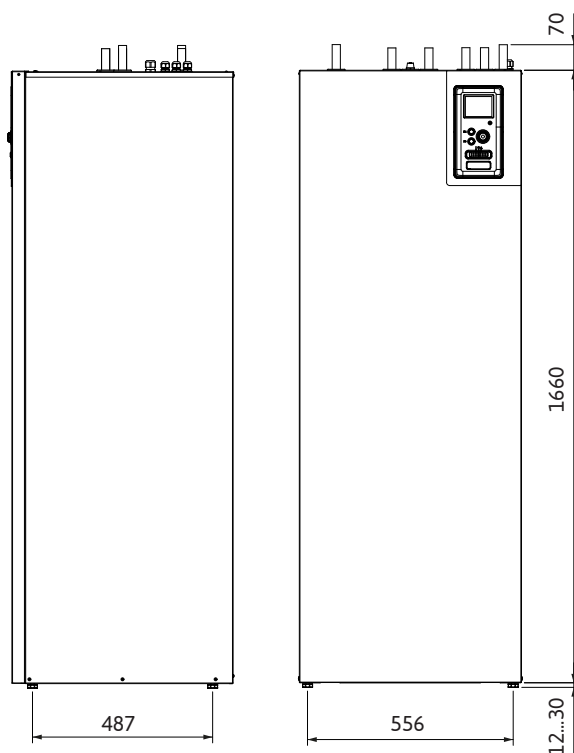
\* Buffer: Heat uniformity of radiator systems, increasing the water volume of heat distribution, optimizing the defrosting function of the outdoor unit.

Cooling convectors*	HVAC
Cool W3	5360187
Cool W4	5360188
Cool R5	5360189
Active cooling mounting set	5058527

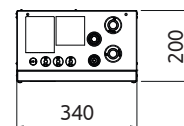
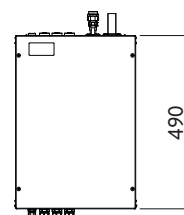
\*Cooling with Tehowatti Air: active cooling set and convector required.

Other accessories from our sale.

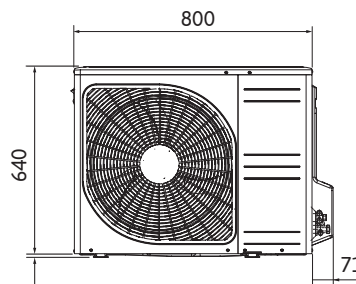
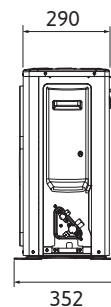
# Jäspi Tehowatti Air Split



## Splitbox



6



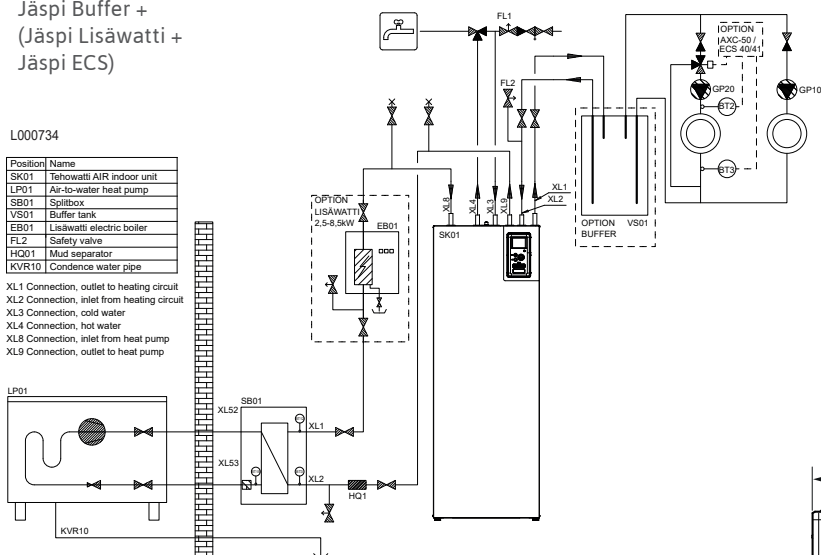
## Circuit diagram L000734:

Jäspi Tehowatti Air Split +  
Jäspi Buffer +  
(Jäspi Lisawatti +  
Jäspi ECS)

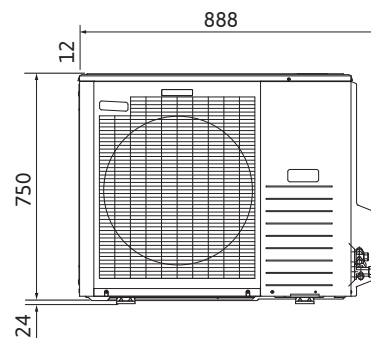
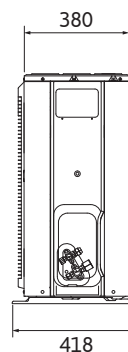
L000734

Position	Name
SK01	Tehowatti AIR indoor unit
LP01	Air-to-water heat pump
SB01	Splitbox
VS01	Buffer tank
EB01	Lisawatti electric boiler
FL2	Safety valve
HQ01	Mud separator
KVR10	Condense water pipe

XL1 Connection, outlet to heating circuit  
XL2 Connection, inlet from heating circuit  
XL3 Connection, cold water  
XL4 Connection, hot water  
XL8 Connection, inlet from heat pump  
XL9 Connection, outlet to heat pump



8



12

