



# ENERG

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Y

IJA

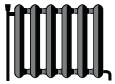
IE

IA



## GenVEX

### GS-6 PC



35 °C



A<sup>++</sup>

A<sup>+++</sup>

A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

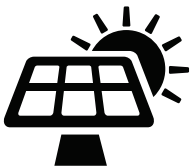
D

E

F

G

+



+



+



+





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


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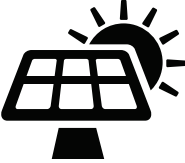



## GenVEX **GS-6 PC**





  





55 °C



**A+++**

+  
  
 +  
  
 +  
  
 + 





**A**



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 **Genvex GS-6 PC**



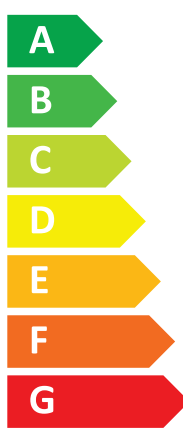
55 °C



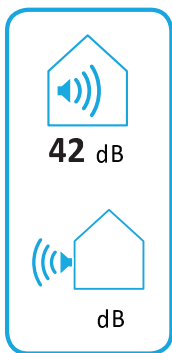
XL



**A**



**A**



2015

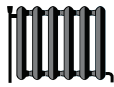
811/2013



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 **Genvex GS-6 PC**



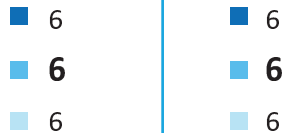
35 °C



**42** dB



dB



kW

kW




2015

811/2013

Supplier's name:	<b>Genvex</b>		
Model:	<b>GS-6 PC</b>		
Temperature application	35	55	°C
Declared load profile for water heating	<b>XL</b>		
Seasonal space heating energy efficiency class, average climate:	<b>A++</b>	<b>A++</b>	
Water heating energy efficiency class, average climate:	<b>A</b>		
Rated heat output, average climate:	5,5	5,5	kW
Annual energy consumption for space heating, average climate	2188	2875	kWh
Annual electricity consumption for water heating, average climate	1642		kWh
Seasonal space heating energy efficiency, average climate:	200	150	%
Water heating energy efficiency, average climate:	102		%
Sound power level LWA indoors	42		dB
Rated heat output, cold climate:	5,5	5,5	kW
Rated heat output, warm climate:	5,5	5,5	kW
Annual energy consumption for space heating, cold climate	2481	3287	kWh
Annual electricity consumption for water heating, cold climate	1642		kWh
Annual energy consumption for space heating, warm climate	1408	1852	kWh
Annual electricity consumption for water heating, warm climate	1642		kWh
Seasonal space heating energy efficiency, cold climate:	211	157	%
Water heating energy efficiency, cold climate:	102		%
Seasonal space heating energy efficiency, warm climate:	201	151	%
Water heating energy efficiency, warm climate:	102		%
Sound power level LWA outdoors	-		dB

### Data for package fiche

Controller class	VII		
Controller contribution to efficiency	3,5		%
Seasonal space heating energy efficiency of package, average climate:	204	154	%
Seasonal space heating energy efficiency class for package, average climate:	<b>A+++</b>	<b>A+++</b>	%
Seasonal space heating energy efficiency of package, cold climate:	215	161	%
Seasonal space heating energy efficiency of package, warm climate:	205	155	%

<b>Model(s):</b>	GS-6 PC						
Type of heat source/sink:	Brine-to-water						
Low-temperature heat pump:	No						
Equipped with supplementary heater:	Yes						
Heat pump combination heater:	Yes						
Climate condition:	Average						
Temperature application:	Medium temperature (55 °C)						
Applied standards: EN14825 and EN16147							
<b>Rated heat output</b>	Prated	5,5	kW	<b>Seasonal space heating energy efficiency</b>	$\eta_s$	150	%
<i>Declared capacity for part load at outdoor temperature Tj</i>				<i>Declared coefficient of performance for part load at outdoor temperature Tj</i>			
Tj = -7 °C	Pdh	5,0	kW	Tj = -7 °C	COPd	3,06	kW
Tj = +2 °C	Pdh	3,0	kW	Tj = +2 °C	COPd	3,97	kW
Tj = +7 °C	Pdh	2,0	kW	Tj = +7 °C	COPd	4,63	kW
Tj = +12 °C	Pdh	1,2	kW	Tj = +12 °C	COPd	4,86	kW
Tj = biv	Pdh	5,4	kW	Tj = biv	COPd	2,84	kW
Tj = TOL	Pdh	5,4	kW	Tj = TOL	COPd	2,84	kW
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW
Bivalent temperature				Operation limit temperature			
	T <sub>biv</sub>	-10	°C		TOL	-10	°C
Cycling interval capacity for heating				Cycling interval efficiency			
	P <sub>cyh</sub>		kW		COP <sub>cyh</sub>		-
Degradation co-efficient				temperature			
	Cdh	0,99	-		WTOL	65	°C
<i>Power consumption in modes other than active mode</i>				<i>Supplementary heater</i>			
Off mode	P <sub>OFF</sub>	0,002	kW	Rated heat output	P <sub>sup</sub>	0,1	kW
Thermostat-off mode	P <sub>TO</sub>	0,007	kW	Type of energy input			
Standby mode	P <sub>SB</sub>	0,007	kW	Electric			
Crankcase heater mode	P <sub>CK</sub>	0,009	kW				
<i>Other items</i>							
Capacity control	fixed			Rated air flow rate, outdoors			m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	42/-	dB	Rated brine or water flow rate, outdoor heat exchanger			
Annual energy consumption	Q <sub>HE</sub>	2875	kWh			0,68	m <sup>3</sup> /h
<i>For heat pump combination heater:</i>							
<b>Declared load profile</b>	XL			<b>Water heating energy efficiency</b>	$\eta_{wh}$	102	%
Daily electricity consumption	Q <sub>elec</sub>	7,48	kWh	Daily fuel consumption	Q <sub>fuel</sub>		kWh
Annual electricity consumption	AEC	1642	kWh	Annual fuel consumption	AFC		GJ
<b>Approved by:</b>							
<b>Contact details</b>	GENVEX, Sverigesvej 6, 6100 Haderslev, tlf. 73 53 27 00, www.GENVEX.dk						