Warm climate and Medium temperature

Enertech AB 341 26 Ljungby



Model(s):	CTC GS 6			
Air-to-water heat pump:	No	Energy efficiency class:		-
Water-to-water heat pump:	No	Controller class:	VII	-
Brine-to-water heat pump:	Yes	Controller contribution:	3,5	%
Low-temperature heat pump:	No	Package efficiency:	140	%
Equipped with a supplementary heater:	Yes	Package efficiency class:		-
Heat pump combination heater:	Yes			

				Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6	kW	Seasonal space heating energy efficiency	η_{s}	137	%
Declared capacity for heating for outdoor temperature T j	or part load at in	door temperatu	re 20 °C and	Declared coefficient of performal part load at indoor temperature 2			
T j = - 7 °C	Pdh	na	kW	T j = - 7 °C	COPd	na] -
T j = + 2 °C	Pdh	5,2	kW	T j = +2 °C	COPd	2,91	-
T j = + 7 °C	Pdh	5,5	kW	T j = +7 °C	COPd	3,50	-
T j = + 12 °C	Pdh	5,7	kW	T j = +12 °C	COPd	4,32	-
T j = bivalent temperature	Pdh	5,3	kW	T j = bivalent temperature	COPd	3,05	-
T j = operation limit temperature	Pdh	5,2	kW	T j = operation limit temperature	COPd	2,91	-
For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	Pdh	na	kW	For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	COPd	na	-
Bivalent temperature	T _{biv}	3	°C	For air-to-water heat pumps: Operation limit temperature	TOL	na	°C
Cycling interval capacity for heating	P _{cych}	na	kW	Cycling interval efficiency	СОРсус	na	-
Degradation co-efficient	Cdh	0,99	-	Heating water operating limit temperature	WTOL	65	°C
Power consumption in modes o	ther than active	mode	•	Supplementary heater			
Off mode	P OFF	0,018	kW	Rated heat output	Psup	0,6	kW
Thermostat-off mode	P _{TO}	0,003	kW	[[
Standby mode	P_{SB}	0,018	kW	Type of energy input		Electric	
Crankcase heater mode	P _{CK}	0,000	kW				
Other items		•					
Capacity control		Fixed		For air-to-water heat pumps: Rated air flow rate, outdoors	-	na	m3/h
Sound power level, indoors/outdoors	L _{WA}	41/na	dB	For water-/brine-to-water heat pumps: Rated brine or water			
Annual energy consumption	Q _{HE}	2134	kWh	flow rate, outdoor heat exchanger	-	0,9	m3/h
For heat pump combination hea	ater:						
Declared load profile/		XL / A		Water heating energy	$\eta_{\sf wh}$	100	%
Energy efficiency class		,	Г	efficiency	IWII		, ,
Daily electricity consumption	Qelec	7,659	kWh	Daily fuel consumption	Qfuel	na	kWh
Annual electricity consumption	AEC	1685	kWh	Annual fuel consumption	AFC	na	GJ
Specific precautions and end of life information:		end of the product	's life cycle, it mus e product's refrige	a recycling station or with the installation engine t be sent correctly to a waste station or reseller trant, compressor oil and electrical/electronic ed not permitted.	offering a service	ce of that type. t i	s of great

Warm climate and Low temperature

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Model(s):	CTC GS 6			
Air-to-water heat pump:	No	Energy efficiency class:		-
Water-to-water heat pump:	No	Controller class:	VII	-
Brine-to-water heat pump:	Yes	Controller contribution:	3,5	%
Low-temperature heat pump:	No	Package efficiency:	181	%
Equipped with a supplementary heater:	Yes	Package efficiency class:		-
Heat pump combination heater:	Yes			

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7	kW	Seasonal space heating energy efficiency	η_{s}	178	%
Declared capacity for heating for outdoor temperature T j	or part load at in	door temperatu	re 20 °C and	Declared coefficient of performar part load at indoor temperature 2	•		
T j = - 7 °C	Pdh	na	kW	T j = - 7 °C	COPd	na] -
T j = + 2 °C	Pdh	6,0	kW	T j = +2 °C	COPd	4,56	-
T j = + 7 °C	Pdh	6,1	kW	T j = +7 °C	COPd	4,82] -
T j = + 12 °C	Pdh	6,2	kW	T j = +12 °C	COPd	5,17] -
T j = bivalent temperature	Pdh	6,0	kW	T j = bivalent temperature	COPd	4,67	-
T j = operation limit temperature	Pdh	6,0	kW	T j = operation limit temperature	COPd	4,56	-
For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	Pdh	na	kW	For air-to-water heat pumps: T j = - 15 °C (if TOL < - 20 °C)	COPd	na	-
Bivalent temperature	T _{biv}	3	°C	For air-to-water heat pumps: Operation limit temperature	TOL	na	°C
Cycling interval capacity for heating	P _{cych}	na	kW	Cycling interval efficiency	СОРсус	na	-
Degradation co-efficient	Cdh	0,98	-	Heating water operating limit temperature	WTOL	65	°C
Power consumption in modes of	other than active	mode	•	Supplementary heater		•	
Off mode	P OFF	0,018	kW	Rated heat output	Psup	0,6	kW
Thermostat-off mode	P _{TO}	0,005	kW	[]			•
Standby mode	P _{SB}	0,018	kW	Type of energy input		Electric	
Crankcase heater mode	P _{CK}	0,000	kW				
Other items			•				
Capacity control		Fixed		For air-to-water heat pumps: Rated air flow rate, outdoors	-	na	m3/h
Sound power level, indoors/ outdoors	L _{WA}	41/na	dB	For water-/brine-to-water heat pumps: Rated brine or water			
Annual energy consumption	Q _{HE}	1892	kWh	flow rate, outdoor heat exchanger	-	1,2	m3/h
For heat pump combination he	eater:			-			
Declared load profile/		XL / A		Water heating energy	$\eta_{\sf wh}$	100	%
Energy efficiency class		/ / / / / / / / / / / / / / / / / / /	1	efficiency	· iwn	100] ~
Daily electricity consumption	Qelec	7,659	kWh	Daily fuel consumption	Qfuel	na	kWh
Annual electricity consumption	AEC	1685	kWh	Annual fuel consumption	AFC	na	GJ
Specific precautions and end of life information:		end of the product	's life cycle, it must e product's refrige	recycling station or with the installation engine t be sent correctly to a waste station or reseller rant, compressor oil and electrical/electronic ec not permitted.	offering a servi	ce of that type. t	is of great

eaters Enertech AB 341 26 Ljungby



Average climate and Medium tempera	ture		341 26	341 26 Ljungby	
Model(s):	CTC GS 6				
Air-to-water heat pump:	No	Energy efficiency class:	A++	-	
Water-to-water heat pump:	No	Controller class:	VII	-	
Brine-to-water heat pump:	Yes	Controller contribution:	3,5	%	
Low-temperature heat pump:	No	Package efficiency:	143	%	
Equipped with a supplementary heater:	Yes	Package efficiency class:	A++	-	
Heat pump combination heater:	Yes		•	•	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6	kW	Seasonal space heating energy efficiency	η_{s}	140	%
Declared capacity for heating for outdoor temperature T j	or part load at in	door temperatu	re 20 °C and	Declared coefficient of performar part load at indoor temperature 2			
T j = - 7 °C	Pdh	5,3	kW	T j = - 7 °C	COPd	3,18] -
T j = + 2 °C	Pdh	5,6	kW	T j = +2 °C	COPd	3,80	1 -
T j = + 7 °C	Pdh	5,7	kW	T j = +7 °C	COPd	4,19	1 -
T j = + 12 °C	Pdh	5,8	kW	T j = +12 °C	COPd	4,62] -
T j = bivalent temperature	Pdh	5,4	kW	T j = bivalent temperature	COPd	3,30	-
T j = operation limit temperature	Pdh	5,2	kW	T j = operation limit temperature	COPd	2,91	-
For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	Pdh	na	kW	For air-to-water heat pumps: T j = - 15 °C (if TOL < - 20 °C)	COPd	na	-
Bivalent temperature	T _{biv}	-6	°C	For air-to-water heat pumps: Operation limit temperature	TOL	na	°C
Cycling interval capacity for heating	P cych	na	kW	Cycling interval efficiency	СОРсус	na	-
Degradation co-efficient	Cdh	0,99	-	Heating water operating limit temperature	WTOL	65	°C
Power consumption in modes of	other than active	mode	_	Supplementary heater			_
Off mode	P OFF	0,018	kW	Rated heat output	Psup	1,1	kW
Thermostat-off mode	P _{TO}	0,003	kW	[]			
Standby mode	P _{SB}	0,018	kW	Type of energy input		Electric	
Crankcase heater mode	P _{CK}	0,000	kW				
Other items							
Capacity control		Fixed		For air-to-water heat pumps: Rated air flow rate, outdoors	-	na	m3/h
Sound power level, indoors/ outdoors	L _{WA}	41/na	dB	For water-/brine-to-water heat pumps: Rated brine or water			
Annual energy consumption	Q _{HE}	3583	kWh	flow rate, outdoor heat exchanger	-	0,9	m3/h
For heat pump combination he	eater:						
Declared load profile/		XL / A		Water heating energy	$\eta_{\sf wh}$	100	%
Energy efficiency class		/ / / / / / / / / / / / / / / / / / /	1	efficiency	· iwn	100] ~
Daily electricity consumption	Qelec	7,659	kWh	Daily fuel consumption	Qfuel	na	kWh
Annual electricity consumption	AEC	1685	kWh	Annual fuel consumption	AFC	na	GJ
Specific precautions and end of life information:		end of the product	's life cycle, it must e product's refrige	recycling station or with the installation engine t be sent correctly to a waste station or reseller rant, compressor oil and electrical/electronic ec not permitted.	offering a servi	ce of that type. t	is of great

Average climate and Low temperature

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Model(s):	CTC GS 6			
Air-to-water heat pump:	No	Energy efficiency class:	A++	-
Water-to-water heat pump:	No	Controller class:	VII	-
Brine-to-water heat pump:	Yes	Controller contribution:	3,5	%
Low-temperature heat pump:	No	Package efficiency:	184	%
Equipped with a supplementary heater:	Yes	Package efficiency class:	A+++	-
Heat pump combination heater:	Yes			_

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7	kW	Seasonal space heating energy efficiency	η_s	181	%
Declared capacity for heating for outdoor temperature T j	or part load at in	door temperatu	re 20 °C and	Declared coefficient of performal part load at indoor temperature 2			
T j = - 7 °C	Pdh	6,0	kW	T j = - 7 °C	COPd	4,67	_
T j = + 2 °C	Pdh	6,1	kW	T j = +2 °C	COPd	4,89] -
T j = + 7 °C	Pdh	6,1	kW	T j = +7 °C	COPd	5,08	-
T j = + 12 °C	Pdh	6,2	kW	T j = +12 °C	COPd	5,37	-
T j = bivalent temperature	Pdh	6,0	kW	T j = bivalent temperature	COPd	4,67	-
T j = operation limit temperature	Pdh	6,0	kW	T j = operation limit temperature	COPd	4,56	-
For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	Pdh	na	kW	For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	COPd	na	-
Bivalent temperature	T _{biv}	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	na	°C
Cycling interval capacity for heating	P _{cych}	na	kW	Cycling interval efficiency	СОРсус	na	-
Degradation co-efficient	Cdh	0,98	-	Heating water operating limit temperature	WTOL	65	°C
Power consumption in modes of	other than active	mode		Supplementary heater			_
Off mode	P OFF	0,018	kW	Rated heat output	Psup	0,9	kW
Thermostat-off mode	P _{TO}	0,005	kW				
Standby mode	P_{SB}	0,018	kW	Type of energy input		Electric	
Crankcase heater mode	P _{CK}	0,000	kW				
Other items		•	•				
Capacity control		Fixed		For air-to-water heat pumps: Rated air flow rate, outdoors	-	na	m3/h
Sound power level, indoors/ outdoors	L _{WA}	41/na	dB	For water-/brine-to-water heat pumps: Rated brine or water			
Annual energy consumption	Q _{HE}	3021	kWh	flow rate, outdoor heat exchanger	-	1,2	m3/h
For heat pump combination he	ater:						
Declared load profile/ Energy efficiency class		XL/A		Water heating energy efficiency	η_{wh}	100	%
Daily electricity consumption	Qelec	7,659	kWh	Daily fuel consumption	Qfuel	na	kWh
Annual electricity consumption	AEC	1685	kWh	Annual fuel consumption	AFC	na	Gl
Specific precautions and end of life information:		end of the product	s life cycle, it must e product's refrige ousehold waste is		offering a servi	ce of that type. t	is of great

Cold climate and Medium temperature

pump combination heaters Enertech AB 341 26 Ljungby



Model(s):	CTC GS 6			
Air-to-water heat pump:	No	Energy efficiency class:		-
Water-to-water heat pump:	No	Controller class:	VII	-
Brine-to-water heat pump:	Yes	Controller contribution:	3,5	%
Low-temperature heat pump:	No	Package efficiency:	147	%
Equipped with a supplementary heater:	Yes	Package efficiency class:		-
Heat pump combination heater:	Yes			

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6	kW	Seasonal space heating energy efficiency	η_s	143	%
Declared capacity for heating for outdoor temperature T j	or part load at in	door temperatu	re 20 °C and	Declared coefficient of performal part load at indoor temperature 2			
T j = -7 °C	Pdh	5,5	kW	T j = - 7 °C	COPd	3,65] -
T j = + 2 °C	Pdh	5,7	kW	T j = +2 °C	COPd	4,12] -
T j = + 7 °C	Pdh	5,8	kW	T j = +7 °C	COPd	4,47	-
T j = + 12 °C	Pdh	5,9	kW	T j = +12 °C	COPd	4,75	-
T j = bivalent temperature	Pdh	5,3	kW	T j = bivalent temperature	COPd	3,18	-
T j = operation limit temperature	Pdh	5,2	kW	T j = operation limit temperature	COPd	2,91	-
For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	Pdh	na	kW	For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	COPd	na	-
Bivalent temperature	T _{biv}	-18	°C	For air-to-water heat pumps: Operation limit temperature	TOL	na	°C
Cycling interval capacity for heating	P _{cych}	na	kW	Cycling interval efficiency	СОРсус	na	-
Degradation co-efficient	Cdh	0,99	-	Heating water operating limit temperature	WTOL	65	°C
Power consumption in modes of	other than active	mode	-	Supplementary heater			-
Off mode	P OFF	0,018	kW	Rated heat output	Psup	0,9	kW
Thermostat-off mode	P _{TO}	0,003	kW				
Standby mode	P_{SB}	0,018	kW	Type of energy input		Electric	
Crankcase heater mode	P _{CK}	0,000	kW				
Other items		-					
Capacity control		Fixed		For air-to-water heat pumps: Rated air flow rate, outdoors	-	na	m3/h
Sound power level, indoors/ outdoors	L _{WA}	41/na	dB	For water-/brine-to-water heat pumps: Rated brine or water			
Annual energy consumption	Q _{HE}	3931	kWh	flow rate, outdoor heat exchanger	-	0,9	m3/h
For heat pump combination he	ater:						
Declared load profile/ Energy efficiency class		XL / A		Water heating energy efficiency	η_{wh}	100	%
Daily electricity consumption	Qelec	7,659	kWh	Daily fuel consumption	Qfuel	na	kWh
Annual electricity consumption	AEC	1685	kWh	Annual fuel consumption	AFC	na	GJ
Specific precautions and end of life information:		end of the product	s life cycle, it must e product's refrige	recycling station or with the installation engine the sent correctly to a waste station or reseller rant, compressor oil and electrical/electronic eduction of permitted.	offering a servi	ce of that type. t	is of great

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Model(s):	CTC GS 6			
Air-to-water heat pump:	No	Energy efficiency class:		-
Water-to-water heat pump:	No	Controller class:	VII	-
Brine-to-water heat pump:	Yes	Controller contribution:	3,5	%
Low-temperature heat pump:	No	Package efficiency:	188	%
Equipped with a supplementary heater:	Yes	Package efficiency class:		-
Heat pump combination heater:	Yes			

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7	kW	Seasonal space heating energy efficiency	η_{s}	184	%
Declared capacity for heating for outdoor temperature T j	or part load at in	door temperatu	re 20 °C and	Declared coefficient of performar part load at indoor temperature 2			
T j = -7 °C	Pdh	6,1	kW	T j = - 7 °C	COPd	4,89] -
T j = + 2 °C	Pdh	6,1	kW	T j = +2 °C	COPd	5,08	-
T j = + 7 °C	Pdh	6,2	kW	T j = +7 °C	COPd	5,26	-
T j = + 12 °C	Pdh	6,2	kW	T j = +12 °C	COPd	5,26	-
T j = bivalent temperature	Pdh	6,0	kW	T j = bivalent temperature	COPd	4,67	-
T j = operation limit temperature	Pdh	6,0	kW	T j = operation limit temperature	COPd	4,56	-
For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	Pdh	na	kW	For air-to-water heat pumps: T j = -15 °C (if TOL < -20 °C)	COPd	na	-
Bivalent temperature	T _{biv}	-19	°C	For air-to-water heat pumps: Operation limit temperature	TOL	na	°C
Cycling interval capacity for heating	P _{cych}	na	kW	Cycling interval efficiency	СОРсус	na	-
Degradation co-efficient	Cdh	0,98	-	Heating water operating limit temperature	WTOL	65	°C
Power consumption in modes of	other than active	mode	-	Supplementary heater			-
Off mode	P OFF	0,018	kW	Rated heat output	Psup	0,7	kW
Thermostat-off mode	P _{TO}	0,005	kW				
Standby mode	P_{SB}	0,018	kW	Type of energy input		Electric	
Crankcase heater mode	P _{CK}	0,000	kW				
Other items		-	•			-	_
Capacity control		Fixed		For air-to-water heat pumps: Rated air flow rate, outdoors	-	na	m3/h
Sound power level, indoors/ outdoors	L _{WA}	41/na	dB	For water-/brine-to-water heat pumps: Rated brine or water			
Annual energy consumption	Q _{HE}	3402	kWh	flow rate, outdoor heat exchanger	-	1,2	m3/h
For heat pump combination he	ater:						
Declared load profile/ Energy efficiency class		XL / A		Water heating energy efficiency	η_{wh}	100	%
Daily electricity consumption	Qelec	7,659	kWh	Daily fuel consumption	Qfuel	na	kWh
Annual electricity consumption	AEC	1685	kWh	Annual fuel consumption	AFC	na	GJ
Specific precautions and end of life information:		end of the product'	s life cycle, it must e product's refriger	recycling station or with the installation engine be sent correctly to a waste station or reseller rant, compressor oil and electrical/electronic eq not permitted.	offering a servi	ce of that type. t	s of great