

## 20.2 QUANTIX 6 S - Low Temperature Fiche

Model: Quantix 6 S with Quantix Pre-packaged cylinder 180/60				Low Temperature table (30/35), average climate zones					
Air-to-water heat pump: <b>Yes</b>		Water-to-water heat pump: <b>No</b>		Product fiche concerning the COMMISSION DELEGATED REGULATIONS (EU) No 811/2013 of 18 February 2013, (EU)No 813/2013 of 02 August 2013. Data per EN14825 / EN 16147					
Brine-to-water heat pump: <b>No</b>		Low-temperature heat pump: <b>No</b>							
Equipped with a supplementary heater: <b>No</b>									
Heat pump combination heater: <b>Yes</b>				The Parameters are declared for average climatic conditions					
Element	Symbol	Value	Unit		Element	Symbol	Value	Unit	
Rated Heat Output	<i>Prated</i>	4.475	kW		Seasonal space heating energy efficiency	<i>ηs</i>	195.4	%	
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj					Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj				
Tj = − 7 °C	<i>Pdh</i>	3.959	kW		Tj = − 7 °C	<i>COPd</i>	3.14	-	
Tj = + 2 °C	<i>Pdh</i>	2.628	kW		Tj = + 2 °C	<i>COPd</i>	4.91	-	
Tj = + 7 °C	<i>Pdh</i>	1.962	kW		Tj = + 7 °C	<i>COPd</i>	6.63	-	
Tj = + 12 °C	<i>Pdh</i>	2.332	kW		Tj = + 12 °C	<i>COPd</i>	8.81	-	
Tj = bivalent temperature	<i>Pdh</i>	3.959	kW		Tj = bivalent temperature	<i>COPd</i>	3.14	-	
T j = operation limit temperature	<i>Pdh</i>	4.244	kW		T j = operation limit temperature	<i>COPd</i>	2.81	-	
for air-to-water heat pumps: Tj = − 15 °C (if TOL < − 20 °C)	<i>Pdh</i>	-	kW		for air-to-water heat pumps: Tj = − 15 °C (if TOL < − 20 °C)	<i>COPd</i>	-	-	
Bivalent temperature	<i>Tbiv</i>	-7	°C		For air/water heat pumps: temperature operating limit	<i>TOL</i>	-10	°C	
Cycling interval capacity for heating	<i>Pcyc</i>	-	kW		Cycling interval efficiency	<i>COPcyc</i> or <i>PERcyc</i>	-	-	
Degradation co-efficient	<i>Cdh</i>	0.90	-		Heating water operating limit temperature	<i>WTOL</i>	75	°C	
Power consumption in modes other than active mode					Supplementary heater				
OFF mode	<i>P<sub>OFF</sub></i>	0.010	kW		Rated heat output	<i>Psup</i>	0.231	kW	
Thermostat-off mode	<i>P<sub>TO</sub></i>	0.011	kW		Type of energy input	Electrical			
Standby mode	<i>P<sub>SB</sub></i>	0.010	kW						
Crankcase heater mode	<i>P<sub>CK</sub></i>	0.042	kW						
Other items									
Capacity Control	Variable				Air-to-water heat pumps: Rated air flow rate, outdoors		1800	m³/h	
Sound power level, indoors/outdoors	<i>L<sub>WA</sub></i>	57	dB		Annual energy consumption		<i>Q<sub>HE</sub></i>	1864	kWh or GJ
For heat pump combination heater:									
Declared load profile	XL				Water heating energy efficiency		<i>ηwh</i>	109.2	%
Daily electricity consumption	<i>Q<sub>ELEC</sub></i>	7.35	kWh		Daily fuel consumption		<i>Q<sub>fuel</sub></i>	-	kWh
Annual electricity consumption	<i>AEC</i>	1535	kWh		Annual fuel consumption		<i>AFC</i>	-	GJ
Additional Water Heating Declarations									
Standing heat loss		1.989	kWh/day		Thermostat temperature		-	55.5	°C
Storage volume	<i>V<sub>m</sub></i>	180	l		Reference hot water temperature		<i>θ'<sub>WH</sub></i>	55.91	°C
Volume of mixed water at 40°C	<i>V<sub>40</sub></i>	237	l						
Contact information	RVR Energy Technology Ltd., Gortamullen, Sneem Road, Kenmare, Co. Kerry, V93F386, Ireland								

## 20.3 QUANTIX 6 S - Medium Temperature Fiche

Model: Quantix 6 S with Quantix Pre-packaged cylinder 180/60				Medim Temperature table (50/55), average climate zones					
Air-to-water heat pump: <b>Yes</b>		Water-to-water heat pump: <b>No</b>		Product fiche concerning the COMMISSION DELEGATED REGULATIONS (EU) No 811/2013 of 18 February 2013, (EU)No 813/2013 of 02 August 2013. Data per EN14825 / EN 16147					
Brine-to-water heat pump: <b>No</b>		Low-temperature heat pump: <b>No</b>							
Equipped with a supplementary heater: <b>No</b>									
Heat pump combination heater: <b>Yes</b>				The Parameters are declared for average climatic conditions					
Element	Symbol	Value	Unit		Element	Symbol	Value	Unit	
Rated Heat Output	<i>Prated</i>	4.751	kW		Seasonal space heating energy efficiency	<i>ηs</i>	140.6	%	
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj					Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj				
Tj = – 7 °C	<i>Pdh</i>	4.203	kW		Tj = – 7 °C	<i>COPd</i>	2.22	-	
Tj = + 2 °C	<i>Pdh</i>	2.627	kW		Tj = + 2 °C	<i>COPd</i>	3.52	-	
Tj = + 7 °C	<i>Pdh</i>	1.793	kW		Tj = + 7 °C	<i>COPd</i>	4.77	-	
Tj = + 12 °C	<i>Pdh</i>	2.040	kW		Tj = + 12 °C	<i>COPd</i>	6.26	-	
Tj = bivalent temperature	<i>Pdh</i>	4.203	kW		Tj = bivalent temperature	<i>COPd</i>	2.22	-	
T j = operation limit temperature	<i>Pdh</i>	4.475	kW		T j = operation limit temperature	<i>COPd</i>	2.06	-	
for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>Pdh</i>	-	kW		for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>COPd</i>	-	-	
Bivalent temperature	<i>Tdiv</i>	-7	°C		For air/water heat pumps: temperature operating limit	<i>TOL</i>	-10	°C	
Cycling interval capacity for heating	<i>Ppsych</i>	-	kW		Cycling interval efficiency	<i>COP<sub>cyc</sub></i> or <i>PER<sub>cyc</sub></i>	-	-	
Degradation co-efficient	<i>Cdh</i>	0.90	-		Heating water operating limit temperature	<i>WTOL</i>	75	°C	
Power consumption in modes other than active mode					Supplementary heater				
OFF mode	<i>P<sub>OFF</sub></i>	0.010	kW		Rated heat output	<i>Psup</i>	0.276	kW	
Thermostat-off mode	<i>P<sub>TO</sub></i>	0.011	kW		Type of energy input	Electrical			
Standby mode	<i>P<sub>SB</sub></i>	0.010	kW						
Crankcase heater mode	<i>P<sub>CK</sub></i>	0.042	kW						
Other items									
Capacity Control	Variable				Air-to-water heat pumps: Rated air flow rate, outdoors		1800	m³/h	
Sound power level, indoors/outdoors	<i>L<sub>WA</sub></i>	57	dB		Annual energy consumption		<i>Q<sub>HE</sub></i>	2735	kWh or GJ
For heat pump combination heater:									
Declared load profile	XL				Water heating energy efficiency		<i>ηwh</i>	109.2	%
Daily electricity consumption	<i>Q<sub>ELEC</sub></i>	7.35	kWh		Daily fuel consumption		<i>Q<sub>fuel</sub></i>	-	kWh
Annual electricity consumption	<i>AEC</i>	1535	kWh		Annual fuel consumption		<i>AFC</i>	-	GJ
Additional Water Heating Declarations									
Standing heat loss		1.989	kWh/day		Thermostat temperature		-	55.5	°C
Storage volume	<i>V<sub>m</sub></i>	180	l		Reference hot water temperature		<i>θ'WH</i>	55.91	°C
Volume of mixed water at 40°C	<i>V<sub>40</sub></i>	237	l						
Contact information	RVR Energy Technology Ltd., Gortamullen, Sneem Road, Kenmare, Co. Kerry, V93F386, Ireland								

## 20.6 QUANTIX 12 S - Low Temperature Fiche

Model: Quantix 12 with Quantix Pre-packaged cylinder 180/60				Low Temperature table (30/35), average climate zones					
Air-to-water heat pump: <b>Yes</b>		Water-to-water heat pump: <b>No</b>		Product fiche concerning the COMMISSION DELEGATED REGULATIONS (EU) No 811/2013 of 18 February 2013, (EU)No 813/2013 of 02 August 2013. Data per EN14825 / EN 16147					
Brine-to-water heat pump: <b>No</b>		Low-temperature heat pump: <b>No</b>							
Equipped with a supplementary heater: <b>No</b>									
Heat pump combination heater: <b>Yes</b>				The Parameters are declared for average climatic conditions					
Element	Symbol	Value	Unit		Element	Symbol	Value	Unit	
Rated Heat Output	<i>Prated</i>	7.58	kW		Seasonal space heating energy efficiency	<i>ηs</i>	189.6	%	
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj					Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj				
Tj = – 7 °C	<i>Pdh</i>	6.705	kW		Tj = – 7 °C	<i>COPd</i>	3.11	-	
Tj = + 2 °C	<i>Pdh</i>	4.159	kW		Tj = + 2 °C	<i>COPd</i>	4.70	-	
Tj = + 7 °C	<i>Pdh</i>	2.745	kW		Tj = + 7 °C	<i>COPd</i>	6.31	-	
Tj = + 12 °C	<i>Pdh</i>	3.198	kW		Tj = + 12 °C	<i>COPd</i>	8.20	-	
Tj = bivalent temperature	<i>Pdh</i>	6.705	kW		Tj = bivalent temperature	<i>COPd</i>	3.11	-	
T j = operation limit temperature	<i>Pdh</i>	7.006	kW		T j = operation limit temperature	<i>COPd</i>	2.77	-	
for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>Pdh</i>	-	kW		for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>COPd</i>	-	-	
Bivalent temperature	<i>Tbiv</i>	-7	°C		For air/water heat pumps: temperature operating limit	<i>TOL</i>	-10	°C	
Cycling interval capacity for heating	<i>Ppsych</i>	-	kW		Cycling interval efficiency	<i>COPcyc</i> or <i>PERcyc</i>	-	-	
Degradation co-efficient	<i>Cdh</i>	0.90	-		Heating water operating limit temperature	<i>WTOL</i>	75	°C	
Power consumption in modes other than active mode					Supplementary heater				
OFF mode	<i>P<sub>OFF</sub></i>	0.009	kW		Rated heat output	<i>Psup</i>	0.574	kW	
Thermostat-off mode	<i>P<sub>TO</sub></i>	0.009	kW		Type of energy input	Electrical			
Standby mode	<i>P<sub>SB</sub></i>	0.009	kW						
Crankcase heater mode	<i>P<sub>CK</sub></i>	0.042	kW						
Other items									
Capacity Control	Variable				Air-to-water heat pumps: Rated air flow rate, outdoors		3200	m³/h	
Sound power level, indoors/outdoors	<i>L<sub>WA</sub></i>	60	dB		Annual energy consumption		<i>Q<sub>HE</sub></i>	3253	kWh or GJ
For heat pump combination heater:									
Declared load profile	XL				Water heating energy efficiency		<i>ηwh</i>	94.6	%
Daily electricity consumption	<i>Q<sub>ELEC</sub></i>	8.065	kWh		Daily fuel consumption		<i>Q<sub>fuel</sub></i>	-	kWh
Annual electricity consumption	<i>AEC</i>	1774	kWh		Annual fuel consumption		<i>AFC</i>	-	GJ
Additional Water Heating Declarations									
Standing heat loss		1.989	kWh/day		Thermostat temperature		-	55.50	°C
Storage volume	<i>V<sub>m</sub></i>	180	l		Reference hot water temperature		<i>θ'<sub>WH</sub></i>	55.46	°C
Volume of mixed water at 40°C	<i>V<sub>40</sub></i>	227	l						
Contact information	RVR Energy Technology Ltd., Gortamullen, Sneem Road, Kenmare, Co. Kerry, V93F386, Ireland								

## 20.7 QUANTIX 12 S - Medium Temperature Fiche

Model: Quantix 12 S with Quantix Pre-packaged cylinder 180/60				Medim Temperature table (50/55), average climate zones					
Air-to-water heat pump: <b>Yes</b>		Water-to-water heat pump: <b>No</b>		Product fiche concerning the COMMISSION DELEGATED REGULATIONS (EU) No 811/2013 of 18 February 2013, (EU)No 813/2013 of 02 August 2013. Data per EN14825 / EN 16147					
Brine-to-water heat pump: <b>No</b>		Low-temperature heat pump: <b>No</b>							
Equipped with a supplementary heater: <b>No</b>									
Heat pump combination heater: <b>Yes</b>				The Parameters are declared for average climatic conditions					
Element	Symbol	Value	Unit		Element	Symbol	Value	Unit	
Rated Heat Output	<i>Prated</i>	7.621	kW		Seasonal space heating energy efficiency	<i>ηs</i>	138.1	%	
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj					Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj				
Tj = – 7 °C	<i>Pdh</i>	6.741	kW		Tj = – 7 °C	<i>COPd</i>	2.18	-	
Tj = + 2 °C	<i>Pdh</i>	4.119	kW		Tj = + 2 °C	<i>COPd</i>	3.44	-	
Tj = + 7 °C	<i>Pdh</i>	2.758	kW		Tj = + 7 °C	<i>COPd</i>	4.73	-	
Tj = + 12 °C	<i>Pdh</i>	2.774	kW		Tj = + 12 °C	<i>COPd</i>	6.06	-	
Tj = bivalent temperature	<i>Pdh</i>	6.741	kW		Tj = bivalent temperature	<i>COPd</i>	2.18	-	
T j = operation limit temperature	<i>Pdh</i>	6.842	kW		T j = operation limit temperature	<i>COPd</i>	1.96	-	
for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>Pdh</i>	-	kW		for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>COPd</i>	-	-	
Bivalent temperature	<i>Tbiv</i>	-7	°C		For air/water heat pumps: temperature operating limit	<i>TOL</i>	-10	°C	
Cycling interval capacity for heating	<i>Pcyc</i>	-	kW		Cycling interval efficiency	<i>COPcyc</i> or <i>PERcyc</i>	-	-	
Degradation co-efficient	<i>Cdh</i>	0.90	-		Heating water operating limit temperature	<i>WTOL</i>	75	°C	
Power consumption in modes other than active mode					Supplementary heater				
OFF mode	<i>P<sub>OFF</sub></i>	0.009	kW		Rated heat output	<i>Psup</i>	0.779	kW	
Thermostat-off mode	<i>P<sub>TO</sub></i>	0.009	kW		Type of energy input	Electrical			
Standby mode	<i>P<sub>SB</sub></i>	0.009	kW						
Crankcase heater mode	<i>P<sub>CK</sub></i>	0.042	kW						
Other items									
Capacity Control	Variable				Air-to-water heat pumps: Rated air flow rate, outdoors		3200	m³/h	
Sound power level, indoors/outdoors	<i>L<sub>WA</sub></i>	60	dB		Annual energy consumption		<i>Q<sub>HE</sub></i>	4462	kWh or GJ
For heat pump combination heater:									
Declared load profile	XL				Water heating energy efficiency		<i>ηwh</i>	94.6	%
Daily electricity consumption	<i>Q<sub>ELEC</sub></i>	8.065	kWh		Daily fuel consumption		<i>Q<sub>fuel</sub></i>	-	kWh
Annual electricity consumption	<i>AEC</i>	1774	kWh		Annual fuel consumption		<i>AFC</i>	-	GJ
Additional Water Heating Declarations									
Standing heat loss		1.989	kWh/day		Thermostat temperature		-	55.50	°C
Storage volume	<i>V<sub>m</sub></i>	180	l		Reference hot water temperature		<i>θ'<sub>WH</sub></i>	55.46	°C
Volume of mixed water at 40°C	<i>V<sub>40</sub></i>	227	l						
Contact information	RVR Energy Technology Ltd., Gortamullen, Sneem Road, Kenmare, Co. Kerry, V93F386, Ireland								

## 20.10 QUANTIX 22 ST - Low Temperature Fiche

Model: Quantix 225 ST with Quantix Pre-packaged cylinder 180/60				Low Temperature table (30/35), average climate zones				
Air-to-water heat pump: <b>Yes</b>		Water-to-water heat pump: <b>No</b>		Product fiche concerning the COMMISSION DELEGATED REGULATIONS (EU) No 811/2013 of 18 February 2013, (EU)No 813/2013 of 02 August 2013. Data per EN14825 / EN 16147				
Brine-to-water heat pump: <b>No</b>		Low-temperature heat pump: <b>No</b>						
Equipped with a supplementary heater: <b>No</b>								
Heat pump combination heater: <b>Yes</b>				The Parameters are declared for average climatic conditions				
Element	Symbol	Value	Unit		Element	Symbol	Value	Unit
Rated Heat Output	<i>Prated</i>	14.707	kW		Seasonal space heating energy efficiency	<i>ηs</i>	191.6	%
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj					Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj			
Tj = – 7 °C	<i>Pdh</i>	13.010	kW		Tj = – 7 °C	<i>COPd</i>	3.13	-
Tj = + 2 °C	<i>Pdh</i>	7.972	kW		Tj = + 2 °C	<i>COPd</i>	4.83	-
Tj = + 7 °C	<i>Pdh</i>	5.170	kW		Tj = + 7 °C	<i>COPd</i>	6.12	-
Tj = + 12 °C	<i>Pdh</i>	5.813	kW		Tj = + 12 °C	<i>COPd</i>	8.32	-
Tj = bivalent temperature	<i>Pdh</i>	13.010	kW		Tj = bivalent temperature	<i>COPd</i>	3.13	-
T j = operation limit temperature	<i>Pdh</i>	14.388	kW		T j = operation limit temperature	<i>COPd</i>	2.63	-
for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>Pdh</i>	-	kW		for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>COPd</i>	-	-
Bivalent temperature	<i>Tbiv</i>	-7	°C		For air/water heat pumps: temperature operating limit	<i>TOL</i>	-10	°C
Cycling interval capacity for heating	<i>Pcych</i>	-	kW		Cycling interval efficiency	<i>COPcyc</i> or <i>PERcyc</i>	-	-
Degradation co-efficient	<i>Cdh</i>	0.90	-		Heating water operating limit temperature	<i>WTOL</i>	75	°C
Power consumption in modes other than active mode					Supplementary heater			
OFF mode	<i>P<sub>OFF</sub></i>	0.011	kW		Rated heat output	<i>Psup</i>	0.319	kW
Thermostat-off mode	<i>P<sub>TO</sub></i>	0.010	kW	Type of energy input	Electrical			
Standby mode	<i>P<sub>SB</sub></i>	0.011	kW					
Crankcase heater mode	<i>P<sub>CK</sub></i>	0.048	kW					
Other items								
Capacity Control	Variable				Air-to-water heat pumps: Rated air flow rate, outdoors	5500	m³/h	
Sound power level, indoors/outdoors	<i>L<sub>WA</sub></i>	63	dB		Annual energy consumption	<i>Q<sub>HE</sub></i>	6244	kWh or GJ
For heat pump combination heater:								
Declared load profile	XL				Water heating energy efficiency	<i>ηwh</i>	91.6	%
Daily electricity consumption	<i>Q<sub>ELEC</sub></i>	8.328	kWh		Daily fuel consumption	<i>Q<sub>fuel</sub></i>	-	kWh
Annual electricity consumption	<i>AEC</i>	1832	kWh		Annual fuel consumption	<i>AFC</i>	-	GJ
Additional Water Heating Declarations								
Standing heat loss		1.989	kWh/day		Thermostat temperature	-	51.50	°C
Storage volume	<i>V<sub>m</sub></i>	180	l		Reference hot water temperature	<i>θ'WH</i>	51.52	°C
Volume of mixed water at 40°C	<i>V<sub>40</sub></i>	212	l					
Contact information	RVR Energy Technology Ltd., Gortamullen, Sneem Road, Kenmare, Co. Kerry, V93F386, Ireland							

## 20.11 QUANTIX 22 ST - Medium Temperature Fiche

Model: Quantix 22 ST with Quantix Pre-packaged cylinder 180/60				Medim Temperature table (50/55), average climate zones					
Air-to-water heat pump: <b>Yes</b>		Water-to-water heat pump: <b>No</b>		Product fiche concerning the COMMISSION DELEGATED REGULATIONS (EU) No 811/2013 of 18 February 2013, (EU)No 813/2013 of 02 August 2013. Data per EN14825 / EN 16147					
Brine-to-water heat pump: <b>No</b>		Low-temperature heat pump: <b>No</b>							
Equipped with a supplementary heater: <b>No</b>									
Heat pump combination heater: <b>Yes</b>				The Parameters are declared for average climatic conditions					
Element	Symbol	Value	Unit		Element	Symbol	Value	Unit	
Rated Heat Output	<i>Prated</i>	14.851	kW		Seasonal space heating energy efficiency	<i>ηs</i>	141.4	%	
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj					Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj				
Tj = – 7 °C	<i>Pdh</i>	13.138	kW		Tj = – 7 °C	<i>COPd</i>	2.31	-	
Tj = + 2 °C	<i>Pdh</i>	8.107	kW		Tj = + 2 °C	<i>COPd</i>	3.53	-	
Tj = + 7 °C	<i>Pdh</i>	5.245	kW		Tj = + 7 °C	<i>COPd</i>	4.57	-	
Tj = + 12 °C	<i>Pdh</i>	5.600	kW		Tj = + 12 °C	<i>COPd</i>	6.58	-	
Tj = bivalent temperature	<i>Pdh</i>	13.138	kW		Tj = bivalent temperature	<i>COPd</i>	2.31	-	
T j = operation limit temperature	<i>Pdh</i>	14.793	kW		T j = operation limit temperature	<i>COPd</i>	1.94	-	
for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>Pdh</i>	-	kW		for air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	<i>COPd</i>	-	-	
Bivalent temperature	<i>T<sub>biv</sub></i>	-7	°C		For air/water heat pumps: temperature operating limit	<i>TOL</i>	-10	°C	
Cycling interval capacity for heating	<i>Pcyc</i>	-	kW		Cycling interval efficiency	<i>COP<sub>cyc</sub></i> or <i>PER<sub>cyc</sub></i>	-	-	
Degradation co-efficient	<i>Cdh</i>	0.90	-		Heating water operating limit temperature	<i>WTOL</i>	75	°C	
Power consumption in modes other than active mode					Supplementary heater				
OFF mode	<i>P<sub>OFF</sub></i>	0.013	kW		Rated heat output	<i>Psup</i>	0.058	kW	
Thermostat-off mode	<i>P<sub>TO</sub></i>	0.015	kW		Type of energy input	Electrical			
Standby mode	<i>P<sub>SB</sub></i>	0.013	kW						
Crankcase heater mode	<i>P<sub>CK</sub></i>	0.080	kW						
Other items									
Capacity Control	Variable				Air-to-water heat pumps: Rated air flow rate, outdoors		5500	m³/h	
Sound power level, indoors/outdoors	<i>L<sub>WA</sub></i>	63	dB		Annual energy consumption		<i>Q<sub>HE</sub></i>	8502	kWh or GJ
For heat pump combination heater:									
Declared load profile	XL				Water heating energy efficiency		<i>ηwh</i>	91.6	%
Daily electricity consumption	<i>Q<sub>ELEC</sub></i>	8.328	kWh		Daily fuel consumption		<i>Q<sub>fuel</sub></i>	-	kWh
Annual electricity consumption	<i>AEC</i>	1832	kWh		Annual fuel consumption		<i>AFC</i>	-	GJ
Additional Water Heating Declarations									
Standing heat loss		1.989	kWh/day		Thermostat temperature		-	51.50	°C
Storage volume	<i>V<sub>m</sub></i>	180	l		Reference hot water temperature		<i>θ'<sub>WH</sub></i>	51.52	°C
Volume of mixed water at 40°C	<i>V<sub>40</sub></i>	212	l						
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