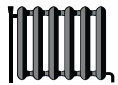




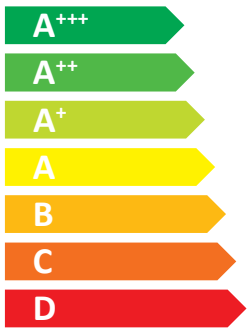
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JÄMÄ JÄMÄ STAR 6 RST



55 °C

35 °C



A++

A+++

42 dB

dB

■ 7	■ 7
■ 7	■ 7
■ 7	■ 7

kW kW

2019

811/2013

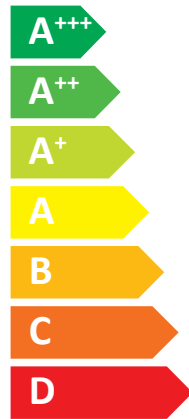
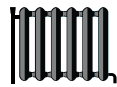


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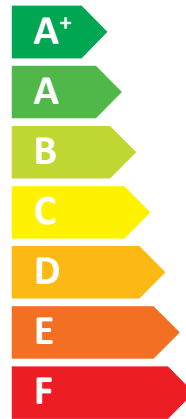


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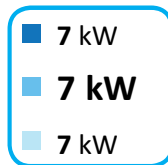
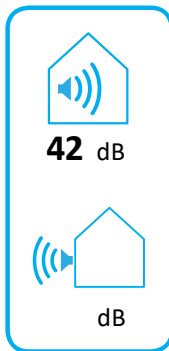
JÄMÄ STAR 6 RST



A++



A



2019

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Icons representing energy efficiency features: a radiator, an A++ energy class arrow, another radiator, an A energy class arrow, and a tap with an XL icon.

Feature selection grid:

- +
- +
- +
- +


Energy efficiency scale bar showing classes from A+++ (green) to G (red). A large black arrow on the right points to the A++ class.

Energy efficiency scale bar showing classes from A+++ (green) to G (red). A tap icon with an XL label is positioned above the scale. A large black arrow on the right points to the A class.

Supplier's name:	Kaukora		
Model:	Jämä Star 6 RST		
Temperature application	35	55	°C
Declared load profile for water heating	XL		
Seasonal space heating energy efficiency class, average climate:	A+++	A++	
Water heating energy efficiency class, average climate:	A		
Rated heat output, average climate:	7	7	kW
Annual energy consumption for space heating, average climate	3151	3640	kWh
Annual electricity consumption for water heating, average climate	1709		kWh
Seasonal space heating energy efficiency, average climate:	178	140	%
Water heating energy efficiency, average climate:	98		%
Sound power level LWA indoors	42		dB
Rated heat output, cold climate:	7	7	kW
Rated heat output, warm climate:	7	7	kW
Annual energy consumption for space heating, cold climate	3577	4201	kWh
Annual electricity consumption for water heating, cold climate	1709		kWh
Annual energy consumption for space heating, warm climate	2080	2447	kWh
Annual electricity consumption for water heating, warm climate	1709		kWh
Seasonal space heating energy efficiency, cold climate:	185	145	%
Water heating energy efficiency, cold climate:	98		%
Seasonal space heating energy efficiency, warm climate:	177	138	%
Water heating energy efficiency, warm climate:	98		%
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:	182	143	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	188	148	%
Seasonal space heating energy efficiency of package, warm climate:	181	142	%

Model(s):				Jämä Star 6 RST								
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												
Rated heat output				Prated	6,50	kW	Seasonal space heating energy efficiency					
							η_s	140	%			
<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	5,3	kW	Tj = -7 °C	COPd	3,16	-					
Tj = +2 °C	Pdh	5,5	kW	Tj = +2 °C	COPd	3,75	-					
Tj = +7 °C	Pdh	5,6	kW	Tj = +7 °C	COPd	4,12	-					
Tj = +12 °C	Pdh	5,8	kW	Tj = +12 °C	COPd	4,53	-					
Tj = biv	Pdh	5,4	kW	Tj = biv	COPd	3,32	-					
Tj = TOL	Pdh	5,2	kW	Tj = TOL	COPd	2,93	-					
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		-					
Bivalent temperature				T _{biv}	-5	°C	Operation limit temperature					
Cycling interval capacity for heating				P _{cyh}		kW	Cycling interval efficiency					
Degradation co-efficient				Cdh	1,00	-	temperature					
							WTOL	65	°C			
<i>Power consumption in modes other than active mode</i>						<i>Supplementary heater</i>						
Off mode	P _{OFF}	0,002	kW	Rated heat output				P _{sup}	1,3	kW		
Thermostat-off mode	P _{TO}	0	kW									
Standby mode	P _{SB}	0,007	kW	Type of energy input				Electric				
Crankcase heater mode	P _{CK}	0,014	kW									
<i>Other items</i>												
Capacity control	fixed					Rated air flow rate, outdoors						m ³ /h
Sound power level, indoors/outdoors	L _{WA}	42/-	dB	Rated water flow rate, indoor heat exchanger					0,56	m ³ /h		
Annual energy consumption	Q _{HE}	3640	kWh	Rated brine or water flow rate, outdoor heat exchanger					0,90	m ³ /h		
<i>For heat pump combination heater:</i>												
Declared load profile				XL				Water heating energy efficiency				
								η_{wh}	98	%		
Daily electricity consumption	Q _{elec}	7,78	kWh	Daily fuel consumption				Q _{fuel}		kWh		
Annual electricity consumption	AEC	1709	kWh	Annual fuel consumption				AFC		GJ		
Approved by:												
Contact details				Kaukora Oy P.O Box 21, Tuotekatu 11, 21201 Raisio Finland								