



ENERG
енергия · ενεργεια



10348442

NOVELAN

WIC 19HXE



55 °C

35 °C

A+++

A+++

A+++

A++

A+

A

B

C

D



53 dB



- dB

■ 16
■ **16**
■ 16
kW

■ 18
■ **18**
■ 18
kW





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55 °C

35 °C

A+++

A+++

A+++

A++

A+

A

B

C

D



53 dB



- dB

■ 16
■ **16**
■ 16
kW

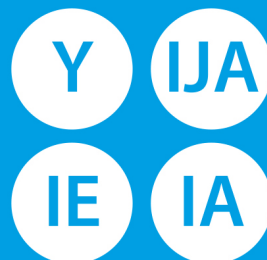
■ 18
■ **18**
■ 18
kW





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NOVELAN

WIC 19HXE + WPR-Net 2.0



A+++

A+++

A+++

A++

A+

A

B

C

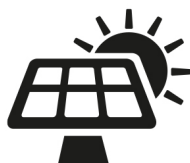
D

E

F

G

+



+



+



+



package (heat pumps and combination heater with heat pump) - WIC 19HXE + WPR-Net 2.0

Seasonal space heating energy efficiency of heat pump (η_s)

① 179 %

Rated heat output of the heat pump (P_{rated} kW)

16

Temperature control

Class

III

(Table 1)

+

②

1,5

%

Supplementary boiler

package with hot water storage tank

no

P_{sup} kW (rated heat output of supplementary heater)

η_s % ($\sigma\pi$)

(η_s % (**sup**) - ①) \times (α_{WP}) = -

③

%

(α_{WE} : see Table 3)

(α_{WE})

solar contribution

(A_{Koll} m²)

(η_{Koll} %)

(V_{Sp} m³)

(standstill heat loss of the hot water storage tank in W)

(η_{Sp} : Table 2)

((294/ P_{rated} x11) \times (A_{Koll} m²) + (115/ P_{rated} x11) \times (V_{Sp} m³)) \times 0,45 \times ((η_{Koll} %) /100) \times (η_{Sp}) = +

④

%

Seasonal space heating energy efficiency of package

⑤

181

%

rounded to the nearest integer

Seasonal space heating energy efficiency class of package

X

G

F

E

D

C

B

A

A⁺

A⁺⁺

A⁺⁺⁺

< 30 %

≥ 30 %

≥ 34 %

≥ 36 %

≥ 75 %

≥ 82 %

≥ 90 %

≥ 98 %

≥ 125 %

≥ 150 %

Seasonal space heating energy efficiency under colder or warmer climate conditions

Seasonal space heating energy efficiency of the heat pump (η_s) under colder climate conditions

186 %

Seasonal space heating energy efficiency of the heat pump (η_s) under warmer climate conditions

181 %

colder ⑤

181

-V

-7

=

188

warmer ⑤

181

+VI

2

=

183

heatpump datasheet:			
manufacturer:		NOVELAN	
model:		WIC 19HXE	
Information concerning energy efficiency class and rated heat output:			
	average / low	average / medium	
energy efficiency class space heater:	A+++	A+++	-
rated heat output:	18	16	kW
energy efficiency space heater:	234	179	%
annual final energy consumption space heater	6249	7193	kWh
sound power level indoors		53	dB
special precautions concerning assembly, installation or maintenance			
All instructional work in this manual may only be carried out by qualified specialist personnel in compliance with local regulations.			
additional information	low	medium	
rated heat output colder climate	18	16	kW
rated heat output warmer climate	18	16	kW
energy efficiency space heater colder climate	241	186	%
energy efficiency space heater warmer climate	236	181	%
annual energy consumption space heater colder climate	7258	8276	kWh
annual energy consumption space heater warmer climate	4012	4604	kWh
sound power level outdoors		-	dB

technical data of the temperature controller		
manufacturer:	NOVELAN	
model:	WPR-Net 2.0	
controller class	III	-
contribution of the controller to the energy efficiency space heater	1,5	%

