



ENERG

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de_dietrich... Alezio S 4.5 MR/EM



55°C

35°C



37 dB



55 dB



Product Information

 as required by EU regulations No 811/2013 and No 813/2013

Product Fiche

 (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	<i>De Dietrich</i>				
(b) Supplier's model identifier	<i>Alezio S 4.5 MR/EM</i>				
(c) Seasonal space heating energy efficiency class (average climate), (*)	<i>A+</i>	Seasonal space heating energy efficiency class (average climate), (**)			<i>A+++</i>
(d) Rated heat output, including the rated heat output of any supplementary heater (average climate)	<i>3</i>	<i>kW</i>			
(e) Seasonal space heating energy efficiency (average climate)	<i>118</i>	<i>%</i>			
(f) Annual energy consumption (average climate)	<i>1,975</i>	<i>kWh</i>	and/ or	<i>0</i>	<i>GJ</i>
(g) Sound power level, indoors	<i>37</i>	<i>dB(A)</i>			
(h) Specific precautions for assembly, installation and maintenance	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed				
(i) <i>Not applicable</i>					
(j) Rated heat output, including the rated heat output of any supplementary heater (colder climate)	<i>5</i>	<i>kW</i>			
Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	<i>4</i>	<i>kW</i>			
(k) Seasonal space heating energy efficiency (colder climate)	<i>109</i>	<i>%</i>			
Seasonal space heating energy efficiency (warmer climate)	<i>179</i>	<i>%</i>			
(l) Annual energy consumption (colder climate)	<i>4,483</i>	<i>kWh</i>	and/ or		<i>GJ</i>
Annual energy consumption (warmer climate)	<i>1,249</i>	<i>kWh</i>	and/ or		<i>GJ</i>
(m) Sound power level, outdoors	<i>55</i>	<i>dB(A)</i>			

(*) at medium temperature application

(**) at low temperature application

Product Information Requirements (according to EU regulation No 813/2013)

Model	Alezio S 4.5 MR/EM
Air-to-water heat pump	yes
Water-to-water heat pump	no
Brine-to-water heat pump	no

Low-temperature heat pump	no
Equipped with a supplementary heater	yes
Heat pump combination heater	yes

Item	Symbol	Value	Unit
Rated heat output (*)	<i>Prated</i>	3	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>Pdh</i>	2.5	kW
$T_j = +2\text{ °C}$	<i>Pdh</i>	2.6	kW
$T_j = +7\text{ °C}$	<i>Pdh</i>	3.2	kW
$T_j = +12\text{ °C}$	<i>Pdh</i>	2.5	kW
$T_j = \text{bivalent temperature}$	<i>Pdh</i>	3	kW
$T_j = \text{operation limit temperature}$	<i>Pdh</i>	3	kW
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>Pdh</i>	0	kW
Bivalent temperature	T_{biv}	-10	°C
Cycling interval capacity for heating	P_{cych}	0	kW
Degradation coefficient (**)	<i>Cdh</i>	1	-
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.009	kW
Thermostat-off mode	P_{TO}	0.049	kW
Standby mode	P_{SB}	0.009	kW
Crankcase heater mode	P_{CK}	0	kW
Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	37/ 55	dB
Emission of nitrogen oxides	NO_x	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	118	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>COPd or PERd</i>	1.7	%
$T_j = +2\text{ °C}$	<i>COPd or PERd</i>	3.23	%
$T_j = +7\text{ °C}$	<i>COPd or PERd</i>	4.21	%
$T_j = +12\text{ °C}$	<i>COPd or PERd</i>	6.04	%
$T_j = \text{bivalent temperature}$	<i>COPd or PERd</i>	1.37	%
$T_j = \text{operation limit temperature}$	<i>COPd or PERd</i>	1.37	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>COPd or PERd</i>		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	<i>COPcyc or PERcyc</i>	0	%
Heating water operating limit temperature	WTOL	55	°C
Supplementary heater			
Rated heat output (*)	P_{sup}	0	kW
Type of energy input			
For air-to-water heat pumps: Rated air flow rate, outdoors			
	-	2,680	m³/h
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
	-	0	m³/h

Specific precautions that shall be taken when the space heater is assembled, installed or maintained & information relevant for disassembly, recycling and/or disposal at end-of-life

Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

(*) For heat pump space heaters and heat pump combination heaters, the rated output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.
(**) If *Cdh* is not determined by measurement then the default degradation coefficient is *Cdh* = 0,9.
All parameters are declared for medium-temperature application, except for low-temperature heat pump. For a low-temperature heat pump, parameters are declared for low temperature application. All parameters are declared for average climate conditions.



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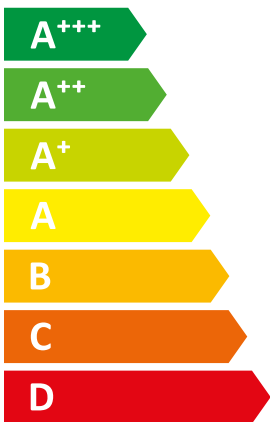


de_dietrich... Alezio S 6 MR/EM



55°C

35°C



A+

A++



43 dB



62 dB



Product Information

as required by EU regulations No 811/2013 and No 813/2013

Product Fiche (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	<i>De Dietrich</i>				
(b) Supplier's model identifier	<i>Alezio S 6 MR/EM</i>				
(c) Seasonal space heating energy efficiency class (average climate), (*)	A+	Seasonal space heating energy efficiency class (average climate), (**)			A++
(d) Rated heat output, including the rated heat output of any supplementary heater (average climate)	4	kW			
(e) Seasonal space heating energy efficiency (average climate)	123	%			
(f) Annual energy consumption (average climate)	2,558	kWh	and/ or	0	GJ
(g) Sound power level, indoors	43	dB(A)			
(h) Specific precautions for assembly, installation and maintenance	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed				
(i) <i>Not applicable</i>					
(j) Rated heat output, including the rated heat output of any supplementary heater (colder climate)	4	kW			
Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	5	kW			
(k) Seasonal space heating energy efficiency (colder climate)	116	%			
Seasonal space heating energy efficiency (warmer climate)	172	%			
(l) Annual energy consumption (colder climate)	3,721	kWh	and/ or		GJ
Annual energy consumption (warmer climate)	1,492	kWh	and/ or		GJ
(m) Sound power level, outdoors	62	dB(A)			

(*) at medium temperature application

(**) at low temperature application

Product Information Requirements (according to EU regulation No 813/2013)

Model	Alezio S 6 MR/EM
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Air-to-water heat pump	yes
Water-to-water heat pump	no
Brine-to-water heat pump	no

Low-temperature heat pump	no
Equipped with a supplementary heater	yes
Heat pump combination heater	no

Item	Symbol	Value	Unit
Rated heat output (*)	<i>Prated</i>	4	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>Pdh</i>	3.3	kW
$T_j = +2\text{ °C}$	<i>Pdh</i>	2.1	kW
$T_j = +7\text{ °C}$	<i>Pdh</i>	2	kW
$T_j = +12\text{ °C}$	<i>Pdh</i>	2.7	kW
$T_j = \text{bivalent temperature}$	<i>Pdh</i>	3.9	kW
$T_j = \text{operation limit temperature}$	<i>Pdh</i>	3.9	kW
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$)	<i>Pdh</i>	0	kW
Bivalent temperature	T_{biv}	-10	°C
Cycling interval capacity for heating	P_{cych}	0	kW
Degradation coefficient (**)	<i>Cdh</i>	1	-
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.013	kW
Thermostat-off mode	P_{TO}	0.012	kW
Standby mode	P_{SB}	0.013	kW
Crankcase heater mode	P_{CK}	0	kW
Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	43/ 62	dB
Emission of nitrogen oxides	NO_x	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	123	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>COPd or PERd</i>	1.69	%
$T_j = +2\text{ °C}$	<i>COPd or PERd</i>	3.12	%
$T_j = +7\text{ °C}$	<i>COPd or PERd</i>	4.45	%
$T_j = +12\text{ °C}$	<i>COPd or PERd</i>	6.89	%
$T_j = \text{bivalent temperature}$	<i>COPd or PERd</i>	1.52	%
$T_j = \text{operation limit temperature}$	<i>COPd or PERd</i>	1.52	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$)	<i>COPd or PERd</i>		%
For air-to-water heat pumps: Operation limit temperature	<i>TOL</i>	-10	°C
Cycling interval efficiency	<i>COPcyc or PERcyc</i>	0	%
Heating water operating limit temperature	<i>WTOL</i>	60	°C
Supplementary heater			
Rated heat output (*)	P_{sup}	0	kW
Type of energy input			
For air-to-water heat pumps: Rated air flow rate, outdoors			
	-	2,700	m ³ /h
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
	-	0	m ³ /h

Specific precautions that shall be taken when the space heater is assembled, installed or maintained & information relevant for disassembly, recycling and/or disposal at end-of-life

Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

(*) For heat pump space heaters and heat pump combination heaters, the rated output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.
(**) If *Cdh* is not determined by measurement then the default degradation coefficient is *Cdh* = 0,9.
All parameters are declared for medium-temperature application, except for low-temperature heat pump. For a low-temperature heat pump, parameters are declared for low temperature application. All parameters are declared for average climate conditions.



ENERG

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Y

IJA

IE

IA

de_dietrich... Alezio S 8 MR/EM



55°C

35°C



A⁺⁺

A⁺⁺⁺



49 dB



65 dB

■ 6
■ 6
■ 6
kW

■ 5
■ 5
■ 6
kW



Product Information

 as required by EU regulations No 811/2013 and No 813/2013

Product Fiche

 (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	<i>De Dietrich</i>				
(b) Supplier's model identifier	<i>Alezio S 8 MR/EM</i>				
(c) Seasonal space heating energy efficiency class (average climate), (*)	<i>A++</i>	Seasonal space heating energy efficiency class (average climate), (**)			<i>A+++</i>
(d) Rated heat output, including the rated heat output of any supplementary heater (average climate)	<i>6</i>	<i>kW</i>			
(e) Seasonal space heating energy efficiency (average climate)	<i>129</i>	<i>%</i>			
(f) Annual energy consumption (average climate)	<i>3,499</i>	<i>kWh</i>	and/ or	<i>0</i>	<i>GJ</i>
(g) Sound power level, indoors	<i>49</i>	<i>dB(A)</i>			
(h) Specific precautions for assembly, installation and maintenance	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed				
(i) <i>Not applicable</i>					
(j) Rated heat output, including the rated heat output of any supplementary heater (colder climate)	<i>6</i>	<i>kW</i>			
Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	<i>6</i>	<i>kW</i>			
(k) Seasonal space heating energy efficiency (colder climate)	<i>119</i>	<i>%</i>			
Seasonal space heating energy efficiency (warmer climate)	<i>169</i>	<i>%</i>			
(l) Annual energy consumption (colder climate)	<i>4,621</i>	<i>kWh</i>	and/ or		<i>GJ</i>
Annual energy consumption (warmer climate)	<i>1,904</i>	<i>kWh</i>	and/ or		<i>GJ</i>
(m) Sound power level, outdoors	<i>65</i>	<i>dB(A)</i>			

(*) at medium temperature application

(**) at low temperature application

Product Information Requirements (according to EU regulation No 813/2013)

Model	Alezio S 8 MR/EM
Air-to-water heat pump	yes
Water-to-water heat pump	no
Brine-to-water heat pump	no

Low-temperature heat pump	no
Equipped with a supplementary heater	yes
Heat pump combination heater	no

Item	Symbol	Value	Unit
Rated heat output (*)	<i>Prated</i>	6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>Pdh</i>	5.6	kW
$T_j = +2\text{ °C}$	<i>Pdh</i>	2.9	kW
$T_j = +7\text{ °C}$	<i>Pdh</i>	6.4	kW
$T_j = +12\text{ °C}$	<i>Pdh</i>	4.3	kW
$T_j = \text{bivalent temperature}$	<i>Pdh</i>	5.2	kW
$T_j = \text{operation limit temperature}$	<i>Pdh</i>	5.2	kW
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>Pdh</i>	0	kW
Bivalent temperature	T_{biv}	-10	°C
Cycling interval capacity for heating	P_{cych}	0	kW
Degradation coefficient (**)	<i>Cdh</i>	1	-
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.009	kW
Thermostat-off mode	P_{TO}	0.049	kW
Standby mode	P_{SB}	0.009	kW
Crankcase heater mode	P_{CK}	0.055	kW
Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	49/ 65	dB
Emission of nitrogen oxides	NO_x	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	129	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>COPd or PERd</i>	1.95	%
$T_j = +2\text{ °C}$	<i>COPd or PERd</i>	3.22	%
$T_j = +7\text{ °C}$	<i>COPd or PERd</i>	4.57	%
$T_j = +12\text{ °C}$	<i>COPd or PERd</i>	6.55	%
$T_j = \text{bivalent temperature}$	<i>COPd or PERd</i>	1.7	%
$T_j = \text{operation limit temperature}$	<i>COPd or PERd</i>	1.7	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>COPd or PERd</i>		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	<i>COPcyc or PERcyc</i>	0	%
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	P_{sup}	0	kW
Type of energy input			
For air-to-water heat pumps: Rated air flow rate, outdoors			
	-	3,300	m³/h
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
	-	0	m³/h

Specific precautions that shall be taken when the space heater is assembled, installed or maintained & information relevant for disassembly, recycling and/or disposal at end-of-life

Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

(*) For heat pump space heaters and heat pump combination heaters, the rated output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.
(**) If *Cdh* is not determined by measurement then the default degradation coefficient is *Cdh* = 0,9.
All parameters are declared for medium-temperature application, except for low-temperature heat pump. For a low-temperature heat pump, parameters are declared for low temperature application. All parameters are declared for average climate conditions.



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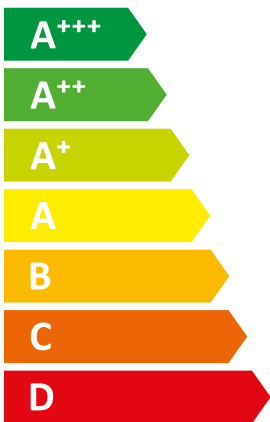


de_dietrich... Alezio S 11 TR/ET



55°C

35°C



A+

A++



48 dB



69 dB

■ 4
■ **8**
■ 8
kW

■ 5
■ **10**
■ 8
kW



Product Information

 as required by EU regulations No 811/2013 and No 813/2013

Product Fiche

 (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	<i>De Dietrich</i>				
(b) Supplier's model identifier	<i>Alezio S 11 TR/ET</i>				
(c) Seasonal space heating energy efficiency class (average climate), (*)	A+	Seasonal space heating energy efficiency class (average climate), (**)			A++
(d) Rated heat output, including the rated heat output of any supplementary heater (average climate)	8	kW			
(e) Seasonal space heating energy efficiency (average climate)	122	%			
(f) Annual energy consumption (average climate)	3,999	kWh	and/ or	0	GJ
(g) Sound power level, indoors	48	dB(A)			
(h) Specific precautions for assembly, installation and maintenance	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed				
(i)	<i>Not applicable</i>				
(j) Rated heat output, including the rated heat output of any supplementary heater (colder climate)	4	kW			
Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	8	kW			
(k) Seasonal space heating energy efficiency (colder climate)	113	%			
Seasonal space heating energy efficiency (warmer climate)	167	%			
(l) Annual energy consumption (colder climate)	3,804	kWh	and/ or		GJ
Annual energy consumption (warmer climate)	2,580	kWh	and/ or		GJ
(m) Sound power level, outdoors	69	dB(A)			

(*) at medium temperature application

(**) at low temperature application

Product Information Requirements (according to EU regulation No 813/2013)

Model	Alezio S 11 TR/ET
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Air-to-water heat pump	yes
Water-to-water heat pump	no
Brine-to-water heat pump	no

Low-temperature heat pump	no
Equipped with a supplementary heater	yes
Heat pump combination heater	no

Item	Symbol	Value	Unit
Rated heat output (*)	<i>Prated</i>	8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>Pdh</i>	7.6	kW
$T_j = +2\text{ °C}$	<i>Pdh</i>	5.1	kW
$T_j = +7\text{ °C}$	<i>Pdh</i>	6.4	kW
$T_j = +12\text{ °C}$	<i>Pdh</i>	7.7	kW
$T_j = \text{bivalent temperature}$	<i>Pdh</i>	8.2	kW
$T_j = \text{operation limit temperature}$	<i>Pdh</i>	8.2	kW
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>Pdh</i>	0	kW
Bivalent temperature	T_{biv}	-10	°C
Cycling interval capacity for heating	P_{cych}	0	kW
Degradation coefficient (**)	<i>Cdh</i>	1	-
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.01	kW
Thermostat-off mode	P_{TO}	0.017	kW
Standby mode	P_{SB}	0.01	kW
Crankcase heater mode	P_{CK}	0.016	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	48/ 69	dB
Emission of nitrogen oxides	NO_x	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	122	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>COPd or PERd</i>	1.83	%
$T_j = +2\text{ °C}$	<i>COPd or PERd</i>	3	%
$T_j = +7\text{ °C}$	<i>COPd or PERd</i>	4.65	%
$T_j = +12\text{ °C}$	<i>COPd or PERd</i>	6.31	%
$T_j = \text{bivalent temperature}$	<i>COPd or PERd</i>	1.52	%
$T_j = \text{operation limit temperature}$	<i>COPd or PERd</i>	1.52	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>COPd or PERd</i>		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	<i>COPcyc or PERcyc</i>	0	%
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	P_{sup}	0	kW
Type of energy input			
For air-to-water heat pumps: Rated air flow rate, outdoors			
	-	6,000	m ³ /h
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
	-	0	m ³ /h

Specific precautions that shall be taken when the space heater is assembled, installed or maintained & information relevant for disassembly, recycling and/or disposal at end-of-life	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.
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(*) For heat pump space heaters and heat pump combination heaters, the rated output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.
(**) If *Cdh* is not determined by measurement then the default degradation coefficient is *Cdh* = 0,9.
All parameters are declared for medium-temperature application, except for low-temperature heat pump. For a low-temperature heat pump, parameters are declared for low temperature application. All parameters are declared for average climate conditions.



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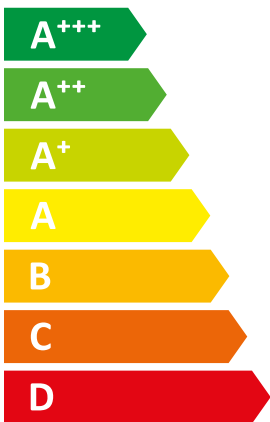


de_dietrich... Alezio S 11 MR/EM



55°C

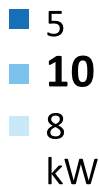
35°C



48 dB



69 dB



Product Information

 as required by EU regulations No 811/2013 and No 813/2013

Product Fiche

 (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	<i>De Dietrich</i>				
(b) Supplier's model identifier	<i>Alezio S 11 MR/EM</i>				
(c) Seasonal space heating energy efficiency class (average climate), (*)	<i>A+</i>	Seasonal space heating energy efficiency class (average climate), (**)			<i>A++</i>
(d) Rated heat output, including the rated heat output of any supplementary heater (average climate)	<i>8</i>	<i>kW</i>			
(e) Seasonal space heating energy efficiency (average climate)	<i>122</i>	<i>%</i>			
(f) Annual energy consumption (average climate)	<i>3,999</i>	<i>kWh</i>	and/ or	<i>0</i>	<i>GJ</i>
(g) Sound power level, indoors	<i>48</i>	<i>dB(A)</i>			
(h) Specific precautions for assembly, installation and maintenance	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed				
(i) <i>Not applicable</i>					
(j) Rated heat output, including the rated heat output of any supplementary heater (colder climate)	<i>4</i>	<i>kW</i>			
Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	<i>8</i>	<i>kW</i>			
(k) Seasonal space heating energy efficiency (colder climate)	<i>113</i>	<i>%</i>			
Seasonal space heating energy efficiency (warmer climate)	<i>167</i>	<i>%</i>			
(l) Annual energy consumption (colder climate)	<i>3,804</i>	<i>kWh</i>	and/ or		<i>GJ</i>
Annual energy consumption (warmer climate)	<i>2,580</i>	<i>kWh</i>	and/ or		<i>GJ</i>
(m) Sound power level, outdoors	<i>69</i>	<i>dB(A)</i>			

(*) at medium temperature application

(**) at low temperature application

Product Information Requirements (according to EU regulation No 813/2013)

Model	Alezio S 11 MR/EM
Air-to-water heat pump	yes
Water-to-water heat pump	no
Brine-to-water heat pump	no

Low-temperature heat pump	no
Equipped with a supplementary heater	yes
Heat pump combination heater	no

Item	Symbol	Value	Unit
Rated heat output (*)	<i>Prated</i>	8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>Pdh</i>	7.6	kW
$T_j = +2\text{ °C}$	<i>Pdh</i>	5.1	kW
$T_j = +7\text{ °C}$	<i>Pdh</i>	6.4	kW
$T_j = +12\text{ °C}$	<i>Pdh</i>	7.7	kW
$T_j = \text{bivalent temperature}$	<i>Pdh</i>	8.2	kW
$T_j = \text{operation limit temperature}$	<i>Pdh</i>	8.2	kW
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>Pdh</i>	0	kW
Bivalent temperature	T_{biv}	-10	°C
Cycling interval capacity for heating	P_{cych}	0	kW
Degradation coefficient (**)	<i>Cdh</i>	1	-
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.01	kW
Thermostat-off mode	P_{TO}	0.017	kW
Standby mode	P_{SB}	0.01	kW
Crankcase heater mode	P_{CK}	0.016	kW
Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	48/ 69	dB
Emission of nitrogen oxides	NO_x	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	122	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>COPd or PERd</i>	1.83	%
$T_j = +2\text{ °C}$	<i>COPd or PERd</i>	3	%
$T_j = +7\text{ °C}$	<i>COPd or PERd</i>	4.65	%
$T_j = +12\text{ °C}$	<i>COPd or PERd</i>	6.31	%
$T_j = \text{bivalent temperature}$	<i>COPd or PERd</i>	1.52	%
$T_j = \text{operation limit temperature}$	<i>COPd or PERd</i>	1.52	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>COPd or PERd</i>		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	<i>COPcyc or PERcyc</i>	0	%
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	P_{sup}	0	kW
Type of energy input			
For air-to-water heat pumps: Rated air flow rate, outdoors			
	-	6,000	m³/h
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
	-	0	m³/h

Specific precautions that shall be taken when the space heater is assembled, installed or maintained & information relevant for disassembly, recycling and/or disposal at end-of-life

Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

(*) For heat pump space heaters and heat pump combination heaters, the rated output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.
(**) If *Cdh* is not determined by measurement then the default degradation coefficient is *Cdh* = 0,9.
All parameters are declared for medium-temperature application, except for low-temperature heat pump. For a low-temperature heat pump, parameters are declared for low temperature application. All parameters are declared for average climate conditions.



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55°C

35°C

A+++

A++

A+

A

B

C

D



37 dB



69 dB

■ 7
■ 9
■ 13
kW

■ 8
■ 12
■ 11
kW



Product Information

as required by EU regulations No 811/2013 and No 813/2013

Product Fiche (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	<i>De Dietrich</i>				
(b) Supplier's model identifier	<i>Alezio S 16 TR/ET</i>				
(c) Seasonal space heating energy efficiency class (average climate), (*)	<i>A++</i>	Seasonal space heating energy efficiency class (average climate), (**)			<i>A++</i>
(d) Rated heat output, including the rated heat output of any supplementary heater (average climate)	<i>9</i>	<i>kW</i>			
(e) Seasonal space heating energy efficiency (average climate)	<i>126</i>	<i>%</i>			
(f) Annual energy consumption (average climate)	<i>6,188</i>	<i>kWh</i>	and/ or	<i>0</i>	<i>GJ</i>
(g) Sound power level, indoors	<i>37</i>	<i>dB(A)</i>			
(h) Specific precautions for assembly, installation and maintenance	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed				
(i) <i>Not applicable</i>					
(j) Rated heat output, including the rated heat output of any supplementary heater (colder climate)	<i>7</i>	<i>kW</i>			
Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	<i>13</i>	<i>kW</i>			
(k) Seasonal space heating energy efficiency (colder climate)	<i>113</i>	<i>%</i>			
Seasonal space heating energy efficiency (warmer climate)	<i>161</i>	<i>%</i>			
(l) Annual energy consumption (colder climate)	<i>5,684</i>	<i>kWh</i>	and/ or		<i>GJ</i>
Annual energy consumption (warmer climate)	<i>4,120</i>	<i>kWh</i>	and/ or		<i>GJ</i>
(m) Sound power level, outdoors	<i>69</i>	<i>dB(A)</i>			

(*) at medium temperature application

(**) at low temperature application

Product Information Requirements (according to EU regulation No 813/2013)

Model	Alezio S 16 TR/ET
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Air-to-water heat pump	yes
Water-to-water heat pump	no
Brine-to-water heat pump	no

Low-temperature heat pump	no
Equipped with a supplementary heater	yes
Heat pump combination heater	no

Item	Symbol	Value	Unit
Rated heat output (*)	<i>Prated</i>	9	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>Pdh</i>	7.6	kW
$T_j = +2\text{ °C}$	<i>Pdh</i>	6.4	kW
$T_j = +7\text{ °C}$	<i>Pdh</i>	5.8	kW
$T_j = +12\text{ °C}$	<i>Pdh</i>	7.3	kW
$T_j = \text{bivalent temperature}$	<i>Pdh</i>	9.4	kW
$T_j = \text{operation limit temperature}$	<i>Pdh</i>	9.4	kW
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>Pdh</i>	0	kW
Bivalent temperature	T_{biv}	-10	°C
Cycling interval capacity for heating	P_{cych}	0	kW
Degradation coefficient (**)	<i>Cdh</i>	1	-
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.023	kW
Thermostat-off mode	P_{TO}	0.022	kW
Standby mode	P_{SB}	0.023	kW
Crankcase heater mode	P_{CK}	0	kW
Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	37/ 69	dB
Emission of nitrogen oxides	NO_x	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	126	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>COPd or PERd</i>	1.67	%
$T_j = +2\text{ °C}$	<i>COPd or PERd</i>	3.07	%
$T_j = +7\text{ °C}$	<i>COPd or PERd</i>	4.51	%
$T_j = +12\text{ °C}$	<i>COPd or PERd</i>	6.48	%
$T_j = \text{bivalent temperature}$	<i>COPd or PERd</i>	1.45	%
$T_j = \text{operation limit temperature}$	<i>COPd or PERd</i>	1.45	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>COPd or PERd</i>		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	<i>COPcyc or PERcyc</i>	0	%
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	P_{sup}	0	kW
Type of energy input			
For air-to-water heat pumps: Rated air flow rate, outdoors			
	-	6,000	m ³ /h
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
	-	0	m ³ /h

Specific precautions that shall be taken when the space heater is assembled, installed or maintained & information relevant for disassembly, recycling and/or disposal at end-of-life

Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

(*) For heat pump space heaters and heat pump combination heaters, the rated output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.
(**) If *Cdh* is not determined by measurement then the default degradation coefficient is *Cdh* = 0,9.
All parameters are declared for medium-temperature application, except for low-temperature heat pump. For a low-temperature heat pump, parameters are declared for low temperature application. All parameters are declared for average climate conditions.



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55°C

35°C



37 dB



69 dB



Product Information

as required by EU regulations No 811/2013 and No 813/2013

Product Fiche (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	<i>De Dietrich</i>				
(b) Supplier's model identifier	<i>Alezio S 16 MR/EM</i>				
(c) Seasonal space heating energy efficiency class (average climate), (*)	<i>A++</i>	Seasonal space heating energy efficiency class (average climate), (**)			<i>A++</i>
(d) Rated heat output, including the rated heat output of any supplementary heater (average climate)	<i>9</i>	<i>kW</i>			
(e) Seasonal space heating energy efficiency (average climate)	<i>126</i>	<i>%</i>			
(f) Annual energy consumption (average climate)	<i>6,188</i>	<i>kWh</i>	and/ or	<i>0</i>	<i>GJ</i>
(g) Sound power level, indoors	<i>37</i>	<i>dB(A)</i>			
(h) Specific precautions for assembly, installation and maintenance	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed				
(i) <i>Not applicable</i>					
(j) Rated heat output, including the rated heat output of any supplementary heater (colder climate)	<i>7</i>	<i>kW</i>			
Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	<i>13</i>	<i>kW</i>			
(k) Seasonal space heating energy efficiency (colder climate)	<i>113</i>	<i>%</i>			
Seasonal space heating energy efficiency (warmer climate)	<i>161</i>	<i>%</i>			
(l) Annual energy consumption (colder climate)	<i>5,684</i>	<i>kWh</i>	and/ or		<i>GJ</i>
Annual energy consumption (warmer climate)	<i>4,120</i>	<i>kWh</i>	and/ or		<i>GJ</i>
(m) Sound power level, outdoors	<i>69</i>	<i>dB(A)</i>			

(*) at medium temperature application

(**) at low temperature application

Product Information Requirements (according to EU regulation No 813/2013)

Model	Alezio S 16 MR/EM
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Air-to-water heat pump	yes
Water-to-water heat pump	no
Brine-to-water heat pump	no

Low-temperature heat pump	no
Equipped with a supplementary heater	yes
Heat pump combination heater	no

Item	Symbol	Value	Unit
Rated heat output (*)	<i>Prated</i>	9	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>Pdh</i>	7.6	kW
$T_j = +2\text{ °C}$	<i>Pdh</i>	6.4	kW
$T_j = +7\text{ °C}$	<i>Pdh</i>	5.8	kW
$T_j = +12\text{ °C}$	<i>Pdh</i>	7.3	kW
$T_j = \text{bivalent temperature}$	<i>Pdh</i>	9.4	kW
$T_j = \text{operation limit temperature}$	<i>Pdh</i>	9.4	kW
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>Pdh</i>	0	kW
Bivalent temperature	T_{biv}	-10	°C
Cycling interval capacity for heating	P_{cych}	0	kW
Degradation coefficient (**)	<i>Cdh</i>	1	-
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.023	kW
Thermostat-off mode	P_{TO}	0.022	kW
Standby mode	P_{SB}	0.023	kW
Crankcase heater mode	P_{CK}	0	kW
Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L_{WA}	37/ 69	dB
Emission of nitrogen oxides	NO_x	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	126	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = -7\text{ °C}$	<i>COPd or PERd</i>	1.67	%
$T_j = +2\text{ °C}$	<i>COPd or PERd</i>	3.07	%
$T_j = +7\text{ °C}$	<i>COPd or PERd</i>	4.51	%
$T_j = +12\text{ °C}$	<i>COPd or PERd</i>	6.48	%
$T_j = \text{bivalent temperature}$	<i>COPd or PERd</i>	1.45	%
$T_j = \text{operation limit temperature}$	<i>COPd or PERd</i>	1.45	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C)	<i>COPd or PERd</i>		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	<i>COPcyc or PERcyc</i>	0	%
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	P_{sup}	0	kW
Type of energy input			
For air-to-water heat pumps: Rated air flow rate, outdoors			
	-	6,000	m³/h
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
	-	0	m³/h

Specific precautions that shall be taken when the space heater is assembled, installed or maintained & information relevant for disassembly, recycling and/or disposal at end-of-life

Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

(*) For heat pump space heaters and heat pump combination heaters, the rated output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.
(**) If *Cdh* is not determined by measurement then the default degradation coefficient is *Cdh* = 0,9.
All parameters are declared for medium-temperature application, except for low-temperature heat pump. For a low-temperature heat pump, parameters are declared for low temperature application. All parameters are declared for average climate conditions.