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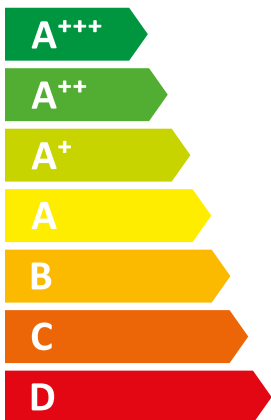


de_dietrich... Alezio S 4.5 MR/EM



55°C

35°C



A⁺

A⁺⁺⁺



37 dB



55 dB

■ 5
■ 3
■ 4
kW

■ 5
■ 4
■ 4
kW





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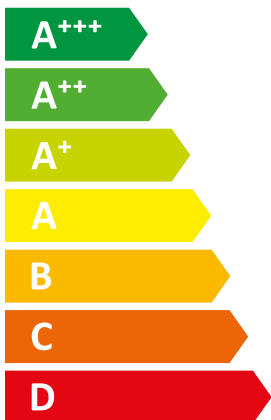


de_dietrich... Alezio S 6 MR/EM



55°C

35°C



A⁺

A⁺⁺



43 dB



62 dB

■ 4
■ 4
■ 5
kW

■ 4
■ 5
■ 4
kW





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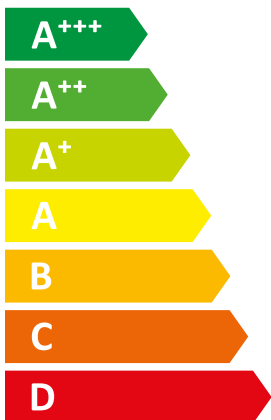


de_dietrich... Alezio S 8 MR/EM



55°C

35°C



A++

A+++



49 dB



65 dB

■ 6
■ **6**
■ 6
kW

■ 5
■ **5**
■ 6
kW





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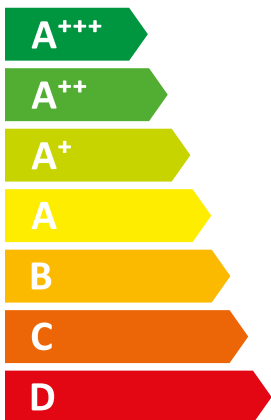


de_dietrich... Alezio S 11 MR/EM



55°C

35°C



A⁺

A⁺⁺



48 dB



69 dB

■ 4
■ **8**
■ 8
kW

■ 5
■ **10**
■ 8
kW





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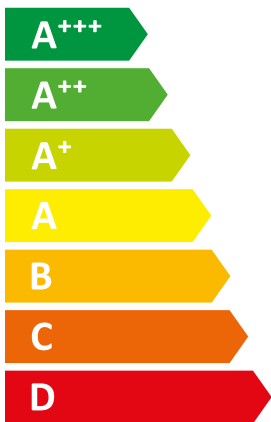


de_dietrich... Alezio S 11 TR/ET



55°C

35°C



A⁺

A⁺⁺



48 dB



69 dB

■ 4
■ **8**
■ 8
kW

■ 5
■ **10**
■ 8
kW





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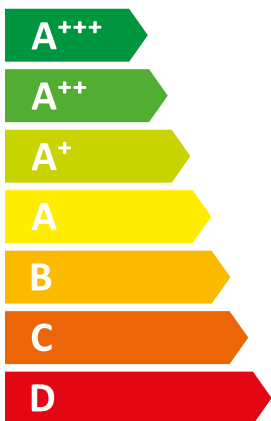


de_dietrich... Alezio S 16 MR/EM



55°C

35°C



A++

A++



37 dB



69 dB

■ 7
■ **9**
■ 13
kW

■ 8
■ **12**
■ 11
kW





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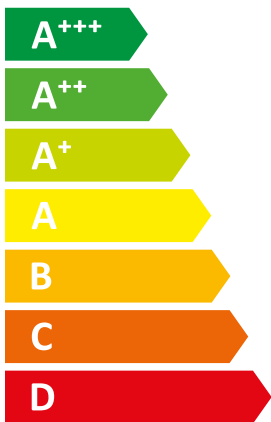


de_dietrich... Alezio S 16 TR/ET



55°C

35°C



A++

A++



37 dB



69 dB

■ 7
■ 9
■ 13
kW

■ 8
■ 12
■ 11
kW





Déclaration UE de conformité EU Declaration of Conformity EU- Konformitätserklärung

L'entreprise soussignée
The undersigned
Der Unterzeichnete,

BDR THERMEA France
57 Rue de la Gare BP30
F-67580 MERTZWILLER

Certifie par la présente que les appareils décrits ci-dessous sont conformes aux directives CE afférentes. Toute modification effectuée sur les appareils entraîne l'annulation de la validité de cette déclaration.

Hereby certifies that the following devices comply with the applicable EU directives. This certification loses its validity if the devices are modified.

Bestätigt hiermit, dass die nachfolgend bezeichneten Geräte den nachfolgenden einschlägigen EG-Richtlinien entspricht. Bei jeder Änderung der Geräte verliert diese Erklärung ihre Gültigkeit.

Type : **Pompe à chaleur**

Type: **Heat-pump**

Typ: **Wärmepumpe**

Marque :

Brand:

Marke:

De Dietrich

Gamme :

Range:

Reihe:

Alezio S Compact

Modèles:

Models:

Models:

Alezio S Compact 4.5 MR/EM (7746872)
= MIV-S 4-8/EM EH730 (7680455) +
AWHP 4,5 MR (7656794)

Alezio S Compact 11 MR/EM (7746875)
= MIV-S 11-16/EM EH731 (7683499) +
AWHP 11 MR-2 (7609927)

Alezio S Compact 16 MR/EM (7746877)
= MIV-S 11-16/EM EH731 (7683499) +
AWHP 16 MR-2 (7609929)

Alezio S Compact 6 MR/EM (7746873) =
MIV-S 4-8/EM EH730 (7680455) + AWHP
6 MR-3 (7668016)

Alezio S Compact 11 TR/ET (7746876) =
MIV-S 11-16/ET EH732 (7683500) +
AWHP 11 TR-2 (7609928)

Alezio S Compact 16 TR/ET (7746878) =
MIV-S 11-16/ET EH732 (7683500) +
AWHP 16 TR-2 (7609930)

Alezio S Compact 8 MR/EM (7746874) =
MIV-S 4-8/EM EH730 (7680455) + AWHP
8 MR-2 (7609926)

Directives

Directive Basse Tension 2014/35/UE
Directive Machine 2006/42/CE
Directive CEM 2014/30/UE
Directive Equipement Radio 2014/53/UE N° RED_463
Directive Equipement Sous Pression 2014/68/UE
Directive RoHS 2011/65/UE et 2015/863/UE
Règlements relatifs à l'étiquetage énergétique (UE) 2017/1369, N°811/2013, N°812/2013
Directive sur l'écoconception 2009/125/CE et les règlements d'application (UE) N° 813/2013, N°814/2013

Directives

Low voltage directive 2014/35/EU
Machinery Directive 2006/42/EC
EMC directive 2014/30/EU
Radio Equipment Directive 2014/53/EU N° RED_463
Pressure equipment directive 2014/68/EU
RoHS Directive 2011/65/EU and 2015/863/EU
Energy Labeling related regulations (EU) 2017/1369, N°811/2013, N°812/2013
Ecodesign Directive 2009/125/EC and implementing regulations (EU) N° 813/2013, N°814/2013

Richtlinien

Niederspannungsrichtlinie 2014/35/EU
Maschinen Richtlinie 2006/42/EG
EMV-Richtlinie 2014/30/EU
Richtlinie 2014/53/EU N° RED_463
Druckgeräterichtlinie 2014/68/EU
RoHS Richtlinie 2011/65/EU und 2015/863/EU
Energie Etiketten Richtlinie (EU) 2017/1369, N°811/2013, N°812/2013
Direktiv auf umweltgerechte Gestaltung 2009/125/EG und Durchführungsbestimmungen (EU) N° 813/2013, N°814/2013

Normes appliquées

EN 60335-1:2010 COR.1:2010 + COR.2:2011 + AMD1:2013 + AMD2:2016
EN 60335-1:2002 + A11:2004 + A12:2006 + A2:2006 + A13:2008 + A14:2010 + A15:2011
60335-2-40:2013, AMD1:2016
EN 60335-2-40:2003 + A11:2004 + A12:2005 + A1:2006 + A2:2009 + A13:2012
EN 60335-2-21:2012 + COR.1:2013
EN 62233 : 2008
EN 55014-1:2006 + A1:2009 + A2:2011, EN 55014-2:2015, EN 55014-2:1997 + A1:2001 + A2:2008 (Category II)
EN 61000-3-2:2014 EN 61000-3-3:2013
EN 378-1:2008+A2:2012, EN 378-2:2008+A2:2012, EN 378-3:2008+A1:2012, EN 378-4:2008+A1:2012
EN 14511-1:2013, EN 14511-2:2013, EN 14511-3:2013, EN 14511-4:2013
EN 14825:2013
EN 16147:2011
EN 12102

Applied standards

Angewandte Normen

Sébastien VACHER

Responsable du centre de compétence Pompes à chaleur
Heat Pump Competence Centre Manager
Wärmepumpen-Kompetenzzentrum Manager

Signature / Unterschrift:

Mertzwiller

Date/Datum:

10/06/2020

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	De Dietrich				
(b)	Supplier's model identifier	Alezio S 11 MR/EM				
(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)	Not applicable					
(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 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 (*)	Prated	8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	7.6	kW
Tj = +2 °C	Pdh	5.1	kW
Tj = +7 °C	Pdh	6.4	kW
Tj = +12 °C	Pdh	7.7	kW
Tj = bivalent temperature	Pdh	8.2	kW
Tj = operation limit temperature	Pdh	8.2	kW
For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C)	Pdh	0	kW
Bivalent temperature	Tbiv	-10	°C
Cycling interval capacity for heating	Pcyc	0	kW
Degradation coefficient (**)	Cdh	1	-
Power consumption in modes other than active mode			
Off mode	POFF	0.01	kW
Thermostat-off mode	PTo	0.017	kW
Standby mode	PSB	0.01	kW
Crankcase heater mode	PCK	0.016	kW
Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	48/ 69	dB
Emission of nitrogen oxides	NOx	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		
Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	122	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	COPd or PERd	1.83	%
Tj = +2 °C	COPd or PERd	3	%
Tj = +7 °C	COPd or PERd	4.65	%
Tj = +12 °C	COPd or PERd	6.31	%
Tj = bivalent temperature	COPd or PERd	1.52	%
Tj = operation limit temperature	COPd or PERd	1.52	%
For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C)	COPd or PERd		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COPcyc or PERcyc	0	%
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	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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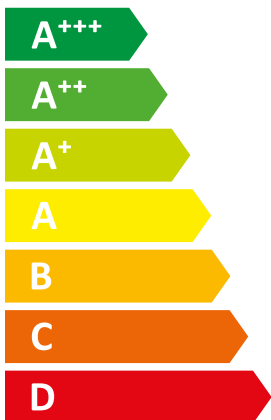


de_dietrich... Alezio S 11 MR/EM



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	De Dietrich				
(b)	Supplier's model identifier	Alezio S 11 TR/ET				
(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)	Not applicable					
(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	
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 (*)	Prated	8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	7.6	kW
Tj = +2 °C	Pdh	5.1	kW
Tj = +7 °C	Pdh	6.4	kW
Tj = +12 °C	Pdh	7.7	kW
Tj = bivalent temperature	Pdh	8.2	kW
Tj = operation limit temperature	Pdh	8.2	kW
For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C)	Pdh	0	kW
Bivalent temperature	Tbiv	-10	°C
Cycling interval capacity for heating	Pcyc	0	kW
Degradation coefficient (**)	Cdh	1	-
Power consumption in modes other than active mode			
Off mode	POFF	0.01	kW
Thermostat-off mode	Pto	0.017	kW
Standby mode	PSB	0.01	kW
Crankcase heater mode	PCK	0.016	kW
Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	48/ 69	dB
Emission of nitrogen oxides	NOx	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Low-temperature heat pump		no	
Equipped with a supplementary heater		yes	
Heat pump combination heater		no	
Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	122	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	COPd or PERd	1.83	%
Tj = +2 °C	COPd or PERd	3	%
Tj = +7 °C	COPd or PERd	4.65	%
Tj = +12 °C	COPd or PERd	6.31	%
Tj = bivalent temperature	COPd or PERd	1.52	%
Tj = operation limit temperature	COPd or PERd	1.52	%
For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C)	COPd or PERd		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COPcyc or PERcyc	0	%
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	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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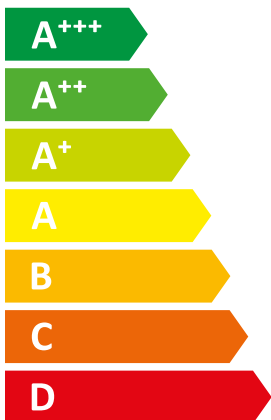


de_dietrich... Alezio S 11 TR/ET



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	De Dietrich				
(b)	Supplier's model identifier	Alezio S 16 MR/EM				
(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)	9	kW			
(e)	Seasonal space heating energy efficiency (average climate)	126	%			
(f)	Annual energy consumption (average climate)	6,188	kWh	and/ or	0	GJ
(g)	Sound power level, indoors	37	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)	Not applicable					
(j)	Rated heat output, including the rated heat output of any supplementary heater (colder climate)	7	kW			
	Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	13	kW			
(k)	Seasonal space heating energy efficiency (colder climate)	113	%			
	Seasonal space heating energy efficiency (warmer climate)	161	%			
(l)	Annual energy consumption (colder climate)	5,684	kWh	and/ or		GJ
	Annual energy consumption (warmer climate)	4,120	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 16 MR/EM		
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Air-to-water heat pump	yes	Low-temperature heat pump	no
Water-to-water heat pump	no	Equipped with a supplementary heater	yes
Brine-to-water heat pump	no	Heat pump combination heater	no

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	9	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	7.6	kW
Tj = +2 °C	Pdh	6.4	kW
Tj = +7 °C	Pdh	5.8	kW
Tj = +12 °C	Pdh	7.3	kW
Tj = bivalent temperature	Pdh	9.4	kW
Tj = operation limit temperature	Pdh	9.4	kW
For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C)	Pdh	0	kW
Bivalent temperature	Tbiv	-10	°C
Cycling interval capacity for heating	Pcych	0	kW
Degradation coefficient (**)	Cdh	1	-
Power consumption in modes other than active mode			
Off mode	POFF	0.023	kW
Thermostat-off mode	Pto	0.022	kW
Standby mode	PSB	0.023	kW
Crankcase heater mode	PCK	0	kW
Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	37/ 69	dB
Emission of nitrogen oxides	NOx	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	126	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	COPd or PERd	1.67	%
Tj = +2 °C	COPd or PERd	3.07	%
Tj = +7 °C	COPd or PERd	4.51	%
Tj = +12 °C	COPd or PERd	6.48	%
Tj = bivalent temperature	COPd or PERd	1.45	%
Tj = operation limit temperature	COPd or PERd	1.45	%
For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C)	COPd or PERd		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COPcyc or PERcyc	0	%
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	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.
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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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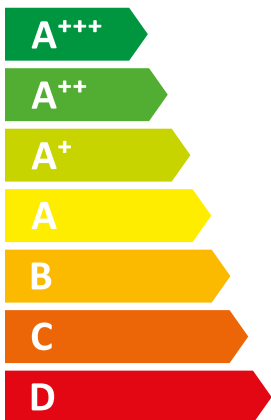


de_dietrich... Alezio S 16 MR/EM



55°C

35°C



A++

A++



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	De Dietrich				
(b)	Supplier's model identifier	Alezio S 16 TR/ET				
(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)	9	kW			
(e)	Seasonal space heating energy efficiency (average climate)	126	%			
(f)	Annual energy consumption (average climate)	6,188	kWh	and/ or	0	GJ
(g)	Sound power level, indoors	37	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)	Not applicable					
(j)	Rated heat output, including the rated heat output of any supplementary heater (colder climate)	7	kW			
	Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	13	kW			
(k)	Seasonal space heating energy efficiency (colder climate)	113	%			
	Seasonal space heating energy efficiency (warmer climate)	161	%			
(l)	Annual energy consumption (colder climate)	5,684	kWh	and/ or		GJ
	Annual energy consumption (warmer climate)	4,120	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 16 TR/ET		
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Air-to-water heat pump	yes	Low-temperature heat pump	no
Water-to-water heat pump	no	Equipped with a supplementary heater	yes
Brine-to-water heat pump	no	Heat pump combination heater	no

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	9	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	7.6	kW
Tj = +2 °C	Pdh	6.4	kW
Tj = +7 °C	Pdh	5.8	kW
Tj = +12 °C	Pdh	7.3	kW
Tj = bivalent temperature	Pdh	9.4	kW
Tj = operation limit temperature	Pdh	9.4	kW
For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C)	Pdh	0	kW
Bivalent temperature	Tbiv	-10	°C
Cycling interval capacity for heating	Pcych	0	kW
Degradation coefficient (**)	Cdh	1	-
Power consumption in modes other than active mode			
Off mode	POFF	0.023	kW
Thermostat-off mode	Pto	0.022	kW
Standby mode	PSB	0.023	kW
Crankcase heater mode	PCK	0	kW
Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	37/ 69	dB
Emission of nitrogen oxides	NOx	0	mg/ kWh
Capacity control	De Dietrich, F- 67580 Mertzwiller		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	126	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	COPd or PERd	1.67	%
Tj = +2 °C	COPd or PERd	3.07	%
Tj = +7 °C	COPd or PERd	4.51	%
Tj = +12 °C	COPd or PERd	6.48	%
Tj = bivalent temperature	COPd or PERd	1.45	%
Tj = operation limit temperature	COPd or PERd	1.45	%
For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C)	COPd or PERd		%
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COPcyc or PERcyc	0	%
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	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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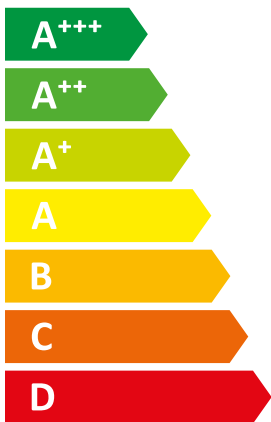


de_dietrich... Alezio S 16 TR/ET



55°C

35°C



A++

A++



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	De Dietrich				
(b)	Supplier's model identifier	Alezio S 4.5 MR/EM				
(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)	3	kW			
(e)	Seasonal space heating energy efficiency (average climate)	118	%			
(f)	Annual energy consumption (average climate)	1,975	kWh	and/ or	0	GJ
(g)	Sound power level, indoors	37	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)	Not applicable					
(j)	Rated heat output, including the rated heat output of any supplementary heater (colder climate)	5	kW			
	Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	4	kW			
(k)	Seasonal space heating energy efficiency (colder climate)	109	%			
	Seasonal space heating energy efficiency (warmer climate)	179	%			
(l)	Annual energy consumption (colder climate)	4,483	kWh	and/ or		GJ
	Annual energy consumption (warmer climate)	1,249	kWh	and/ or		GJ
(m)	Sound power level, outdoors	55	dB(A)			

(*) 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
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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	yes

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	<i>Prated</i>	3	kW	Seasonal space heating energy efficiency	η_s	118	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j				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>Pdh</i>	2.5	kW	$T_j = -7\text{ °C}$	<i>COPd</i> or <i>PERd</i>	1.7	%
$T_j = +2\text{ °C}$	<i>Pdh</i>	2.6	kW	$T_j = +2\text{ °C}$	<i>COPd</i> or <i>PERd</i>	3.23	%
$T_j = +7\text{ °C}$	<i>Pdh</i>	3.2	kW	$T_j = +7\text{ °C}$	<i>COPd</i> or <i>PERd</i>	4.21	%
$T_j = +12\text{ °C}$	<i>Pdh</i>	2.5	kW	$T_j = +12\text{ °C}$	<i>COPd</i> or <i>PERd</i>	6.04	%
$T_j = \text{bivalent temperature}$	<i>Pdh</i>	3	kW	$T_j = \text{bivalent temperature}$	<i>COPd</i> or <i>PERd</i>	1.37	%
$T_j = \text{operation limit temperature}$	<i>Pdh</i>	3	kW	$T_j = \text{operation limit temperature}$	<i>COPd</i> or <i>PERd</i>	1.37	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$)	<i>Pdh</i>	0	kW	For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$)	<i>COPd</i> or <i>PERd</i>		%
Bivalent temperature	T_{biv}	-10	°C	For air-to-water heat pumps: Operation limit temperature	<i>TOL</i>	-10	°C
Cycling interval capacity for heating	P_{cych}	0	kW	Cycling interval efficiency	<i>COPcyc</i> or <i>PERcyc</i>	0	%
Degradation coefficient (**)	<i>Cdh</i>	1	-	Heating water operating limit temperature	<i>WTOL</i>	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{OFF}	0.009	kW	Rated heat output (*)	P_{sup}	0	kW
Thermostat-off mode	P_{TO}	0.049	kW	Type of energy input			
Standby mode	P_{SB}	0.009	kW				
Crankcase heater mode	P_{CK}	0	kW				
Other items							
Capacity control	variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	2,680	m³/h
Sound power level, indoors/ outdoors	L_{WA}	37/ 55	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	0	m³/h
Emission of nitrogen oxides	NO_x	0	mg/ kWh				
Capacity control	De Dietrich, F- 67580 Mertzwiller						

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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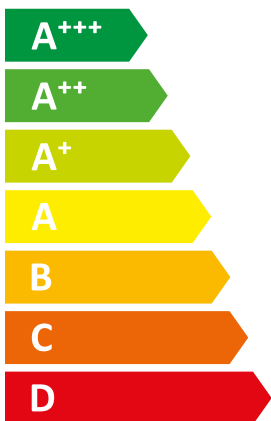


de_dietrich... Alezio S 4.5 MR/EM



55°C

35°C



A⁺

A⁺⁺⁺



37 dB



55 dB

■ 5
■ 3
■ 4
kW

■ 5
■ 4
■ 4
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	De Dietrich				
(b)	Supplier's model identifier	Alezio S 6 MR/EM				
(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)	Not applicable					
(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	Low-temperature heat pump	no
Water-to-water heat pump	no	Equipped with a supplementary heater	yes
Brine-to-water heat pump	no	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	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.
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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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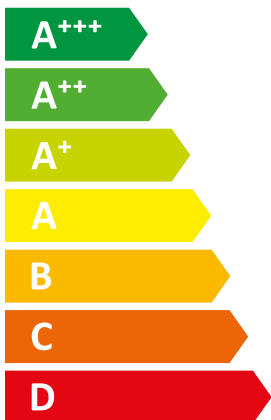


de_dietrich... Alezio S 6 MR/EM



55°C

35°C



A⁺

A⁺⁺



43 dB



62 dB

4
4
5
kW

4
5
4
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	De Dietrich				
(b)	Supplier's model identifier	Alezio S 8 MR/EM				
(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)	6	kW			
(e)	Seasonal space heating energy efficiency (average climate)	129	%			
(f)	Annual energy consumption (average climate)	3,499	kWh	and/ or		0 GJ
(g)	Sound power level, indoors	49	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)	Not applicable					
(j)	Rated heat output, including the rated heat output of any supplementary heater (colder climate)	6	kW			
	Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	6	kW			
(k)	Seasonal space heating energy efficiency (colder climate)	119	%			
	Seasonal space heating energy efficiency (warmer climate)	169	%			
(l)	Annual energy consumption (colder climate)	4,621	kWh	and/ or		GJ
	Annual energy consumption (warmer climate)	1,904	kWh	and/ or		GJ
(m)	Sound power level, outdoors	65	dB(A)			

(*) at medium temperature application
(**) at low temperature application

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

Model	Alezio S 8 MR/EM		
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Air-to-water heat pump	yes	Low-temperature heat pump	no
Water-to-water heat pump	no	Equipped with a supplementary heater	yes
Brine-to-water heat pump	no	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.
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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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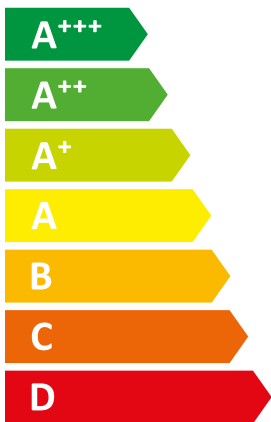


de_dietrich... Alezio S 8 MR/EM



55°C

35°C



A++

A+++



49 dB



65 dB

6
6
6
kW

5
5
6
kW

