MUNDOCLIMA®

INVERTER SERIE H6

Tables of seasonal energy consumption and efficiency

MUPR-H6

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CL20015 to CL20018
English

CONTENTS

1. Information requeriments 3
2. Tables of seasonal consumption and efficiency 4
2.1. MUPR-09-H6 4
2.2. MUPR-12-H6 6
2.3. MUPR-18-H6 8
2.4. MUPR-24-H6 10

1. Information requeriments

This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2012 and No.626/2011.
Information to identify the model(s) to which the information relates to:

2. Tables of seasonal consumption and efficiency

2.1. MUPR-09-H6

Information requirements

This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2012 and No.626/2011. Information to identify the model(s) to which the information relates to:

TYPE	: AIR CONDITIONER SPLIT WALL-MOUNTED
Indoor unit(s)	: MUPR-09-H6
Outdoor unit	: MUPR-09-H6
Brand	: MUNDOCLIMA

Function (indicate if present)		if fuction includes heating : Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.	
cooling	Y	Average (mandatory)	Y
heating	Y	Warmer (if designated)	N
		Colder (if designated)	N

Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	2,6	kW	cooling	SEER	6,8	-
heating/Average	Pdesignh	2,4	kW	heating/Average	SCOP/A	4,1	-
heating/Warmer	Pdesignh	3,0	kW	heating/Warmer	SCOP/W	5,1	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-

Declared capacity(*) for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj				Declared energy efficiency ratio(*), at indoor temperature 27(19)℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 35℃	Pdc	2,600	kW	Tj = 35℃	EERd	3,50	-
Tj = 30℃	Pdc	1,877	kW	Tj = 30℃	EERd	5,06	-
Tj = 25℃	Pdc	1,113	kW	Tj = 25℃	EERd	8,56	-
Tj = 20℃	Pdc	1,168	kW	Tj = 20℃	EERd	12,43	-

Declared capacity(*) for heating/Average season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	2,123	kW	Tj = -7℃	COPd	2,88	-
Tj = 2℃	Pdh	1,312	kW	Tj = 2℃	COPd	4,18	-
Tj = 7℃	Pdh	0,856	kW	Tj = 7℃	COPd	4,89	-
Tj = 12℃	Pdh	0,875	kW	Tj = 12℃	COPd	6,03	-
Tj = bivalent temperature	Pdh	2,123	kW	Tj = bivalent temperature	COPd	2,88	-
Tj = operating limit	Pdh	1,688	kW	Tj = operating limit	COPd	1,92	-

Declared capacity(*) for heating/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2℃	Pdh	3,004	kW	Tj = 2℃	COPd	2,92	-
Tj = 7℃	Pdh	1,919	kW	Tj = 7℃	COPd	5,32	-
Tj = 12℃	Pdh	0,906	kW	Tj = 12℃	COPd	7,30	-

Declared capacity(*) for heating/Colder season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	x,x	kW	Tj = -7℃	COPd	x,x	-
Tj = 2℃	Pdh	x,x	kW	Tj = 2℃	COPd	x,x	-
Tj = 7℃	Pdh	x,x	kW	Tj = 7℃	COPd	x,x	-
Tj = 12℃	Pdh	x,x	kW	Tj = 12℃	COPd	x,x	-
Tj = bivalent temperature	Pdh	x,x	kW	Tj = bivalent temperature	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
Tj = -20℃	Pdh	x,x	kW	Tj = -20℃	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	℃	heating/Average	Tol	-15	℃
heating/Warmer	Tbiv	2	℃	heating/Warmer	Tol	2	℃
heating/Colder	Tbiv	x	℃	heating/Colder	Tol	x	℃
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcych	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0,25	-	Degradation co-efficient heating	Cdc	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0,001	kW	cooling	Q_{CE}	134	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	820	kWh/a
thermostat-off mode	Pto	0,019	kW	heating/Warmer	Qhe	824	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	symbol	value	unit	Item	symbol	value	unit
fixed		Y/N		Sound power level (indoor/outdoor)	LWA	53/58	dB(A)
staged		Y/N		Global warning potential	GWP	2088	$kgCO_2$ eq
variable		Y		Rated air flow (indoor/outdoor)	-	470/1900	m^3/h

2.2. MUPR-12-H6

Information requirements

This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2012 and No.626/2011. Information to identify the model(s) to which the information relates to:

TYPE	: AIR CONDITIONER SPLIT WALL-MOUNTED
Indoor unit(s)	: MUPR-12-H6
Outdoor unit	: MUPR-12-H6
Brand	: MUNDOCLIMA

Function (indicate if present)		if fuction includes heating : Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.	
cooling	Y	Average (mandatory)	Y
heating	Y	Warmer (if designated)	N
		Colder (if designated)	N

Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	3,5	kW	cooling	SEER	6,7	-
heating/Average	Pdesignh	2,6	kW	heating/Average	SCOP/A	4,2	-
heating/Warmer	Pdesignh	3,0	kW	heating/Warmer	SCOP/W	5,2	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-

Declared capacity(*) for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj				Declared energy efficiency ratio(*), at indoor temperature 27(19)℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 35℃	Pdc	3,500	kW	Tj = 35℃	EERd	3,01	-
Tj = 30℃	Pdc	2,495	kW	Tj = 30℃	EERd	5,03	-
Tj = 25℃	Pdc	1,708	kW	Tj = 25℃	EERd	8,21	-
Tj = 20℃	Pdc	1,275	kW	Tj = 20℃	EERd	12,03	-

Declared capacity(*) for heating/Average season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	2,300	kW	Tj = -7℃	COPd	2,79	-
Tj = 2℃	Pdh	1,414	kW	Tj = 2℃	COPd	2,87	-
Tj = 7℃	Pdh	0,874	kW	Tj = 7℃	COPd	4,75	-
Tj = 12℃	Pdh	1,043	kW	Tj = 12℃	COPd	6,25	-
Tj = bivalent temperature	Pdh	2,300	kW	Tj = bivalent temperature	COPd	2,87	-
Tj = operating limit	Pdh	1,763	kW	Tj = operating limit	COPd	2,04	-

Declared capacity(*) for heating/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2℃	Pdh	3,024	kW	Tj = 2℃	COPd	2,98	-
Tj = 7℃	Pdh	2,000	kW	Tj = 7℃	COPd	4,76	-
Tj = 12℃	Pdh	1,092	kW	Tj = 12℃	COPd	6,58	-
Tj = bivalent temperature	Pdh	3,024	kW	Tj = bivalent temperature	COPd	2,98	-
Tj = operating limit	Pdh	3,024	kW	Tj = operating limit	COPd	2,98	-
Declared capacity(*) for heating/Colder season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	x,x	kW	Tj = -7℃	COPd	x,x	-
Tj = 2℃	Pdh	x,x	kW	Tj = 2℃	COPd	x,x	-
Tj = 7℃	Pdh	x,x	kW	Tj = 7℃	COPd	x,x	-
Tj = 12℃	Pdh	x,x	kW	Tj = 12℃	COPd	x,x	-
Tj = bivalent temperature	Pdh	x,x	kW	Tj = bivalent temperature	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
Tj = -20℃	Pdh	x,x	kW	Tj = -20℃	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	℃	heating/Average	Tol	-15	℃
heating/Warmer	Tbiv	2	℃	heating/Warmer	Tol	2	℃
heating/Colder	Tbiv	x	℃	heating/Colder	Tol	x	℃
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcych	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0,25	-	Degradation co-efficient heating	Cdc	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0,001	kW	cooling	Q_{CE}	183	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	867	kWh/a
thermostat-off mode	Pto	0,011	kW	heating/Warmer	Qhe	808	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	symbol	value	unit	Item	symbol	value	unit
fixed	Y/N			Sound power level (indoor/outdoor)	LWA	52/59	dB(A)
staged	Y/N			Global warning potential	GWP	2088	$kgCO_2$ eq
variable	Y			Rated air flow (indoor/outdoor)	-	560/2000	m^3/h

2.3. MUPR-18-H6

Information requirements							
This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2012 and No.626/2011. Information to identify the model(s) to which the information relates to: AIR CONDITIONER TYPE : SPLIT WALL-MOUNTED Indoor unit(s) : MUPR-18-H6 Outdoor unit : MUPR-18-H6 Brand : MUNDOCLIMA							
Function (indicate if present)				if fuction includes heating : Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.			
cooling		Y		Average (mandatory)		Y	
heating		Y		Warmer (if designated)		N	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	5,3	kW	cooling	SEER	6,8	-
heating/Average	Pdesignh	4,4	kW	heating/Average	SCOP/A	4,2	-
heating/Warmer	Pdesignh	4,7	kW	heating/Warmer	SCOP/W	5,4	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-
Declared capacity(*) for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj				Declared energy efficiency ratio(*), at indoor temperature 27(19)℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 35℃	Pdc	5,300	kW	Tj = 35℃	EERd	3,25	-
Tj = 30℃	Pdc	3,910	kW	Tj = 30℃	EERd	4,95	-
Tj = 25℃	Pdc	2,477	kW	Tj = 25℃	EERd	8,07	-
Tj = 20℃	Pdc	1,914	kW	Tj = 20℃	EERd	12,49	-
Declared capacity(*) for heating/Average season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	3,892	kW	Tj = -7℃	COPd	2,78	-
Tj = 2℃	Pdh	2,417	kW	Tj = 2℃	COPd	4,10	-
Tj = 7℃	Pdh	1,580	kW	Tj = 7℃	COPd	5,54	-
Tj = 12℃	Pdh	1,462	kW	Tj = 12℃	COPd	6,41	-
Tj = bivalent temperature	Pdh	3,892	kW	Tj = bivalent temperature	COPd	2,78	-
Tj = operating limit	Pdh	3,779	kW	Tj = operating limit	COPd	2,31	-

Declared capacity(*) for heating/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2℃	Pdh	4,700	kW	Tj = 2℃	COPd	2,95	-
Tj = 7℃	Pdh	3,052	kW	Tj = 7℃	COPd	4,96	-
Tj = 12℃	Pdh	1,650	kW	Tj = 12℃	COPd	6,76	-
Tj = bivalent temperature	Pdh	4,700	kW	Tj = bivalent temperature	COPd	2,95	-
Tj = operating limit	Pdh	4,700	kW	Tj = operating limit	COPd	2,95	-
Declared capacity(*) for heating/Colder season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	x,x	kW	Tj = -7℃	COPd	x,x	-
Tj = 2℃	Pdh	x,x	kW	Tj = 2℃	COPd	x,x	-
Tj = 7℃	Pdh	x,x	kW	Tj = 7℃	COPd	x,x	-
Tj = 12℃	Pdh	x,x	kW	Tj = 12℃	COPd	x,x	-
Tj = bivalent temperature	Pdh	x,x	kW	Tj = bivalent temperature	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
Tj = -20℃	Pdh	x,x	kW	Tj = -20℃	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	℃	heating/Average	Tol	-15	℃
heating/Warmer	Tbiv	2	℃	heating/Warmer	Tol	2	℃
heating/Colder	Tbiv	x	℃	heating/Colder	Tol	x	℃
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcych	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0,25	-	Degradation co-efficient heating	Cdc	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0,001	kW	cooling	Q_{CE}	273	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	1467	kWh/a
thermostat-off mode	Pto	0,011	kW	heating/Warmer	Qhe	1219	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	symbol	value	unit	Item	symbol	value	unit
fixed	Y/N			Sound power level (indoor/outdoor)	LWA	58/63	dB(A)
staged	Y/N			Global warning potential	GWP	2088	$kgCO_2$ eq
variable	Y			Rated air flow (indoor/outdoor)	-	870/2100	m^3/h

2.4. MUPR-24-H6

Information requirements

This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2012 and No.626/2011. Information to identify the model(s) to which the information relates to:

TYPE	: AIR CONDITIONER : SPLIT WALL-MOUNTED
Indoor unit(s)	: MUPR-24-H6
Outdoor unit	: MUPR-24-H6
Brand	: MUNDOCLIMA

Function (indicate if present)		if fuction includes heating : Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.	
cooling	Y	Average (mandatory)	Y
heating	Y	Warmer (if designated)	N
		Colder (if designated)	N

Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	7,0	kW	cooling	SEER	6,4	-
heating/Average	Pdesignh	5,6	kW	heating/Average	SCOP/A	4,0	-
heating/Warmer	Pdesignh	7,2	kW	heating/Warmer	SCOP/W	5,2	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-

Declared capacity(*) for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj				Declared energy efficiency ratio(*), at indoor temperature 27(19)℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 35℃	Pdc	7,000	kW	Tj = 35℃	EERd	3,08	-
Tj = 30℃	Pdc	5,134	kW	Tj = 30℃	EERd	4,63	-
Tj = 25℃	Pdc	3,355	kW	Tj = 25℃	EERd	7,63	-
Tj = 20℃	Pdc	2,668	kW	Tj = 20℃	EERd	11,65	-

Declared capacity(*) for heating/Average season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	4,954	kW	Tj = -7℃	COPd	2,48	-
Tj = 2℃	Pdh	3,085	kW	Tj = 2℃	COPd	3,92	-
Tj = 7℃	Pdh	1,939	kW	Tj = 7℃	COPd	5,31	-
Tj = 12℃	Pdh	2,095	kW	Tj = 12℃	COPd	6,82	-
Tj = bivalent temperature	Pdh	4,954	kW	Tj = bivalent temperature	COPd	2,48	-
Tj = operating limit	Pdh	5,115	kW	Tj = operating limit	COPd	1,94	-

Declared capacity(*) for heating/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2℃	Pdh	7,200	kW	Tj = 2℃	COPd	2,39	-
Tj = 7℃	Pdh	4,800	kW	Tj = 7℃	COPd	4,87	-
Tj = 12℃	Pdh	2,045	kW	Tj = 12℃	COPd	6,91	-
Tj = bivalent temperature	Pdh	7,200	kW	Tj = bivalent temperature	COPd	2,39	-
Tj = operating limit	Pdh	7,200	kW	Tj = operating limit	COPd	2,39	-
Declared capacity(*) for heating/Colder season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	x,x	kW	Tj = -7℃	COPd	x,x	-
Tj = 2℃	Pdh	x,x	kW	Tj = 2℃	COPd	x,x	-
Tj = 7℃	Pdh	x,x	kW	Tj = 7℃	COPd	x,x	-
Tj = 12℃	Pdh	x,x	kW	Tj = 12℃	COPd	x,x	-
Tj = bivalent temperature	Pdh	x,x	kW	Tj = bivalent temperature	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
Tj = -20℃	Pdh	x,x	kW	Tj = -20℃	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	℃	heating/Average	Tol	-15	℃
heating/Warmer	Tbiv	2	℃	heating/Warmer	Tol	2	℃
heating/Colder	Tbiv	x	℃	heating/Colder	Tol	x	℃
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcych	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0,25	-	Degradation co-efficient heating	Cdc	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0,001	kW	cooling	Q_{CE}	383	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	1960	kWh/a
thermostat-off mode	Pto	0,014	kW	heating/Warmer	Qhe	1938	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	symbol	value	unit	Item	symbol	value	unit
fixed		Y/N		Sound power level (indoor/outdoor)	LWA	60/65	dB(A)
staged		Y/N		Global warning potential	GWP	2088	$kgCO_2$ eq
variable		Y		Rated air flow (indoor/outdoor)	-	1180/2700	m^3/h

MUNDOCLIMA®

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ASK FOR MORE INFORMATION

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