

INFORMATION REQUIREMENTS FOR HEAT PUMPS

All DC Inverter V4+R Outdoor Unit

Original instructions
Thank you for purchasing this air conditioner.
Before using it, please read this manual and keep it for future reference.

Caution: The heating function of an indoor unit is available only when it is connected to a cooling & heating outdoor unit.

Information requirements for air-to-air conditioners								
Model(s):MV-252(8)WD2RN1T(D); Test matching indoor units form 1, Duct: 4×MI2-63T1DN1-R; test matching indoor units form 2, non-duct: 4×MI2-63Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Type:compressor driven								
If applicable:driver of compressor:electric motor								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	25.2	kW		Seasonal space cooling energy efficiency	$\eta_{s,c}$	188.2	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27/19°C (dry/wet bulb)					Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=+35^\circ\text{C}$	P_{dc}	25.2	kW		$T_j=+35^\circ\text{C}$	EER_d	2.93	--
$T_j=+30^\circ\text{C}$	P_{dc}	17.76	kW		$T_j=+30^\circ\text{C}$	EER_d	4.13	--
$T_j=+25^\circ\text{C}$	P_{dc}	12.228	kW		$T_j=+25^\circ\text{C}$	EER_d	5.83	--
$T_j=+20^\circ\text{C}$	P_{dc}	8.577	kW		$T_j=+20^\circ\text{C}$	EER_d	7.93	--
Degradation co-efficient for air conditioners(*)	C_{dc}	0.25	--					
Power consumption in modes other than "active mode"								
Off mode	P_{OFF}	0.061	kW		Crankcase heater mode	P_{CK}	0.061	kW
Thermosat-off mode	P_{TO}	0	kW		Standby mode	P_{SB}	0.061	kW
Other items								
Capacity control	variable				For air-to-air air conditioner:air flow rate,outdoor measured	--	12000	m^3/h
Sound power level,outdoor	L_{WA}	79	dB					
GWP of the refrigerant		2088	kg CO_2eq (100years)					
Contact details								
(*)If C_{dc} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split air conditioners,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

Information requirements for heat pumps								
Model(s):MV-252(8)WD2RN1T(D);								
Test matching indoor units form 1, Duct: 4×MI2-63T1DN1-R; test matching indoor units form 2, non-duct: 4×MI2-63Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Indication if the heater is equipped with a supplementary heater:no								
If applicable:driver of compressor:electric motor								
Parameters shall be declared for the average heating season,parameters for the warmer and colder heating seasons are optional								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	27	kW		Seasonal space heating energy efficiency	$\eta_{s,h}$	133.4	%
Declared heating capacity for part load at indoor teperature 20°C and outdoor temperatures T_j					Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=-7^\circ\text{C}$	P_{dh}	13.717	kW		$T_j=-7^\circ\text{C}$	COP_d	2.45	--
$T_j=+2^\circ\text{C}$	P_{dh}	9.000	kW		$T_j=+2^\circ\text{C}$	COP_d	3.35	--
$T_j=+7^\circ\text{C}$	P_{dh}	6.028	kW		$T_j=+7^\circ\text{C}$	COP_d	4.31	--
$T_j=+12^\circ\text{C}$	P_{dh}	7.317	kW		$T_j=+12^\circ\text{C}$	COP_d	5.18	--
T_{biv} =bivalent temperature	P_{dh}	13.717	kW		T_{biv} =bivalent temperature	COP_d	2.45	--
T_{OL} =operation temperature	P_{dh}	15.988	kW		T_{OL} =operation temperature	COP_d	2.32	--
Bivalent temperature	T_{biv}	-7	°C					
Degradation co-efficient for heat pumps(**)	C_{dh}	0.25	—					
Power consumption in modes other than "active mode"					Supplementary heater			
Off mode	P_{OFF}	0.061	kW		Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P_{TO}	0.061	kW		Type of energy input			
Crankcase heater mode	P_{CK}	0.125	kW		Standby mode	P_{SB}	0.061	kW
Other items								
Capacity control	variable				For air-to-air heat pump:air flow rate,outdoor measured	—	12000	m ³ /h
Sound power level,outdoor	L_{WA}	79	dB					
GWP of the refrigerant		2088	kg CO ₂ eq(100years)					
Contact details								
(*)								
(**)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split heat pumps,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

Information requirements for air-to-air conditioners								
Model(s):MV-280(10)WD2RN1T(D); Test matching indoor units form 1, Duct: 4×M12-71T1DN1-R; test matching indoor units form 2, non-duct: 4×M12-71Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Type:compressor driven								
If applicable:driver of compressor:electric motor								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	28	kW		Seasonal space cooling energy efficiency	$\eta_{s,c}$	190.6	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27/19°C (dry/wet bulb)					Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=+35^\circ\text{C}$	P_{dc}	28	kW		$T_j=+35^\circ\text{C}$	EER_d	2.83	--
$T_j=+30^\circ\text{C}$	P_{dc}	19.546	kW		$T_j=+30^\circ\text{C}$	EER_d	4.06	--
$T_j=+25^\circ\text{C}$	P_{dc}	12.401	kW		$T_j=+25^\circ\text{C}$	EER_d	5.96	--
$T_j=+20^\circ\text{C}$	P_{dc}	8.577	kW		$T_j=+20^\circ\text{C}$	EER_d	7.93	--
Degradation co-efficient for air conditioners(*)	C_{dc}	0.25	—					
Power consumption in modes other than "active mode"								
Off mode	P_{OFF}	0.061	kW		Crankcase heater mode	P_{CK}	0.061	kW
Thermosat-off mode	P_{TO}	0	kW		Standby mode	P_{SB}	0.061	kW
Other items								
Capacity control	variable				For air-to-air air conditioner:air flow rate,outdoor measured	—	12000	m^3/h
Sound power level,outdoor	L_{WA}	83	dB					
GWP of the refrigerant		2088	kg CO ₂ eq(100years)					
Contact details								
(*)If C_{dc} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split air conditioners,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

Information requirements for heat pumps								
Model(s):MV-280(10)WD2RN1T(D);								
Test matching indoor units form 1, Duct: 4×MI2-71T1DN1-R; test matching indoor units form 2, non-duct: 4×MI2-71Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Indication if the heater is equipped with a supplementary heater:no								
If applicable:driver of compressor:electric motor								
Parameters shall be declared for the average heating season,parameters for the warmer and colder heating seasons are optional								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	31.5	kW		Seasonal space heating energy efficiency	$\eta_{s,h}$	133.4	%
Declared heating capacity for part load at indoor temperature 20°C and outdoor temperatures T_j					Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=-7^\circ\text{C}$	P_{dh}	13.717	kW		$T_j=-7^\circ\text{C}$	COP_d	2.45	--
$T_j=+2^\circ\text{C}$	P_{dh}	9.000	kW		$T_j=+2^\circ\text{C}$	COP_d	3.35	--
$T_j=+7^\circ\text{C}$	P_{dh}	6.082	kW		$T_j=+7^\circ\text{C}$	COP_d	4.31	--
$T_j=+12^\circ\text{C}$	P_{dh}	7.317	kW		$T_j=+12^\circ\text{C}$	COP_d	5.18	--
T_{biv} =bivalent temperature	P_{dh}	13.717	kW		T_{biv} =bivalent temperature	COP_d	2.45	--
T_{OL} =operation temperature	P_{dh}	15.988	kW		T_{OL} =operation temperature	COP_d	2.32	--
Bivalent temperature	T_{biv}	-7	°C					
Degradation co-efficient for heat pumps(**)	C_{dh}	0.25	—					
Power consumption in modes other than "active mode"					Supplementary heater			
Off mode	P_{OFF}	0.061	kW		Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P_{TO}	0.061	kW		Type of energy input			
Crankcase heater mode	P_{CK}	0.125	kW		Standby mode	P_{SB}	0.061	kW
Other items								
Capacity control	variable				For air-to-air heat pump:air flow rate,outdoor measured	—	12000	m ³ /h
Sound power level,outdoor	L_{WA}	83	dB					
GWP of the refrigerant		2088	kg CO ₂ eq(100years)					
Contact details								
(*)								
(**)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split heat pumps,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

Information requirements for air-to-air conditioners								
Model(s):MV-335(12)WD2RN1T(D); Test matching indoor units form 1, Duct: 6×MI2-56T2DN1-R; test matching indoor units form 2, non-duct: 6×MI2-56Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Type:compressor driven								
If applicable:driver of compressor:electric motor								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	33.5	kW		Seasonal space cooling energy efficiency	$\eta_{s,c}$	183.0	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27/19°C (dry/wet bulb)					Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=+35^\circ\text{C}$	P_{dc}	33.5	kW		$T_j=+35^\circ\text{C}$	EER_d	2.52	--
$T_j=+30^\circ\text{C}$	P_{dc}	23.445	kW		$T_j=+30^\circ\text{C}$	EER_d	3.82	--
$T_j=+25^\circ\text{C}$	P_{dc}	14.549	kW		$T_j=+25^\circ\text{C}$	EER_d	5.63	--
$T_j=+20^\circ\text{C}$	P_{dc}	7.044	kW		$T_j=+20^\circ\text{C}$	EER_d	7.95	--
Degradation co-efficient for air conditioners(*)	C_{dc}	0.25	—					
Power consumption in modes other than "active mode"								
Off mode	P_{OFF}	0.0812	kW		Crankcase heater mode	P_{CK}	0.0812	kW
Thermosat-off mode	P_{TO}	0	kW		Standby mode	P_{SB}	0.0812	kW
Other items								
Capacity control	variable				For air-to-air air conditioner:air flow rate,outdoor measured	—	13000	m^3/h
Sound power level,outdoor	L_{WA}	84	dB					
GWP of the refrigerant		2088	kg CO ₂ eq(100years)					
Contact details								
(*)If C_{dc} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split air conditioners,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

Information requirements for heat pumps								
Model(s):MV-335(12)WD2RN1T(D); Test matching indoor units form 1, Duct: 6×M12-56T2DN1-R; test matching indoor units form 2, non-duct: 6×M12-56Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Indication if the heater is equipped with a supplementary heater:no								
If applicable:driver of compressor:electric motor								
Parameters shall be declared for the average heating season,parameters for the warmer and colder heating seasons are optional								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	37.5	kW		Seasonal space heating energy efficiency	$\eta_{s,h}$	133.4	%
Declared heating capacity for part load at indoor temperature 20°C and outdoor temperatures T_j					Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=-7^\circ\text{C}$	P_{dh}	17.594	kW		$T_j=-7^\circ\text{C}$	COP_d	2.49	--
$T_j=+2^\circ\text{C}$	P_{dh}	10.748	kW		$T_j=+2^\circ\text{C}$	COP_d	3.19	--
$T_j=+7^\circ\text{C}$	P_{dh}	7.350	kW		$T_j=+7^\circ\text{C}$	COP_d	4.42	--
$T_j=+12^\circ\text{C}$	P_{dh}	7.040	kW		$T_j=+12^\circ\text{C}$	COP_d	5.74	--
T_{biv} =bivalent temperature	P_{dh}	17.594	kW		T_{biv} =bivalent temperature	COP_d	2.49	--
T_{OL} =operation temperature	P_{dh}	20.200	kW		T_{OL} =operation temperature	COP_d	2.10	--
Bivalent temperature	T_{biv}	-7	°C					
Degradation co-efficient for heat pumps(**)	C_{dh}	0.25	—					
Power consumption in modes other than "active mode"					Supplementary heater			
Off mode	P_{OFF}	0.0812	kW		Back-up heating capacity(*)	e_{bu}	0	kW
Thermosat-off mode	P_{TO}	0.0812	kW		Type of energy input			
Crankcase heater mode	P_{CK}	0.1452	kW		Standby mode	P_{SB}	0.0812	kW
Other items								
Capacity control		variable			For air-to-air heat pump:air flow rate,outdoor measured	—	13000	m ³ /h
Sound power level,outdoor	L_{WA}	84	dB					
GWP of the refrigerant		2088	kg CO ₂ eq(100years)					
Contact details								
(*)								
(**)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split heat pumps,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

Information requirements for air-to-air conditioners								
Model(s):MV-400(14)WD2RN1T(D); Test matching indoor units form 1, Duct: 6×MI2-67T2DN1-R; test matching indoor units form 2, non-duct: 3×MI2-63Q4DN1-G+3×MI2-71Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Type:compressor driven								
If applicable:driver of compressor:electric motor								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	40	kW		Seasonal space cooling energy efficiency	$\eta_{s,c}$	185.8	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27/19°C (dry/wet bulb)					Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=+35^\circ\text{C}$	P_{dc}	40	kW		$T_j=+35^\circ\text{C}$	EER_d	2.56	--
$T_j=+30^\circ\text{C}$	P_{dc}	29.311	kW		$T_j=+30^\circ\text{C}$	EER_d	3.91	--
$T_j=+25^\circ\text{C}$	P_{dc}	18.368	kW		$T_j=+25^\circ\text{C}$	EER_d	5.71	--
$T_j=+20^\circ\text{C}$	P_{dc}	8.557	kW		$T_j=+20^\circ\text{C}$	EER_d	7.51	--
Degradation co-efficient for air conditioners(*)	C_{dc}	0.25	—					
Power consumption in modes other than "active mode"								
Off mode	P_{OFF}	0.0814	kW		Crankcase heater mode	P_{CK}	0.0814	kW
Thermosat-off mode	P_{TO}	0	kW		Standby mode	P_{SB}	0.0814	kW
Other items								
Capacity control	variable				For air-to-air air conditioner:air flow rate,outdoor measured	—	15000	m^3/h
Sound power level,outdoor	L_{WA}	88	dB					
GWP of the refrigerant		2088	kg CO ₂ eq(100years)					
Contact details								
(*)If C_{dc} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split air conditioners,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

Information requirements for heat pumps								
Model(s):MV-400(14)WD2RN1T(D); Test matching indoor units form 1, Duct: 6×MI2-67T2DN1-R; test matching indoor units form 2, non-duct: 3×MI2-63Q4DN1-G+3×MI2-71Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Indication if the heater is equipped with a supplementary heater:no								
If applicable:driver of compressor:electric motor								
Parameters shall be declared for the average heating season,parameters for the warmer and colder heating seasons are optional								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	40	kW		Seasonal space heating energy efficiency	$\eta_{s,h}$	135.0	%
Declared heating capacity for part load at indoor temperature 20°C and outdoor temperatures T_j					Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=-7^\circ\text{C}$	P_{dh}	22.125	kW		$T_j=-7^\circ\text{C}$	COP_d	2.21	--
$T_j=+2^\circ\text{C}$	P_{dh}	14.202	kW		$T_j=+2^\circ\text{C}$	COP_d	3.25	--
$T_j=+7^\circ\text{C}$	P_{dh}	9.436	kW		$T_j=+7^\circ\text{C}$	COP_d	4.91	--
$T_j=+12^\circ\text{C}$	P_{dh}	7.650	kW		$T_j=+12^\circ\text{C}$	COP_d	5.95	--
T_{biv} =bivalent temperature	P_{dh}	22.125	kW		T_{biv} =bivalent temperature	COP_d	2.21	--
T_{OL} =operation temperature	P_{dh}	25.102	kW		T_{OL} =operation temperature	COP_d	1.79	--
Bivalent temperature	T_{biv}	-7	°C					
Degradation co-efficient for heat pumps(**)	C_{dh}	0.25	—					
Power consumption in modes other than "active mode"					Supplementary heater			
Off mode	P_{OFF}	0.0814	kW		Back-up heating capacity(*)	e_{bu}	0	kW
Thermosat-off mode	P_{TO}	0.0814	kW		Type of energy input			
Crankcase heater mode	P_{CK}	0.2092	kW		Standby mode	P_{SB}	0.0814	kW
Other items								
Capacity control		variable			For air-to-air heat pump:air flow rate,outdoor measured	—	15000	m ³ /h
Sound power level,outdoor	L_{WA}	88	dB					
GWP of the refrigerant		2088	kg CO ₂ eq(100years)					
Contact details								
(*)								
(**)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split heat pumps,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

Information requirements for air-to-air conditioners								
Model(s):MV-450(16)WD2RN1T(D); Test matching indoor units form 1, Duct: 6×MI2-76T2DN1-R; test matching indoor units form 2, non-duct: 6×MI2-76Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Type:compressor driven								
If applicable:driver of compressor:electric motor								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	45	kW		Seasonal space cooling energy efficiency	$\eta_{s,c}$	181.8	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27/19°C (dry/wet bulb)					Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=+35^\circ\text{C}$	P_{dc}	45	kW		$T_j=+35^\circ\text{C}$	EER_d	2.28	--
$T_j=+30^\circ\text{C}$	P_{dc}	31.1	kW		$T_j=+30^\circ\text{C}$	EER_d	3.91	--
$T_j=+25^\circ\text{C}$	P_{dc}	22.5	kW		$T_j=+25^\circ\text{C}$	EER_d	5.45	--
$T_j=+20^\circ\text{C}$	P_{dc}	8.54	kW		$T_j=+20^\circ\text{C}$	EER_d	7.54	--
Degradation co-efficient for air conditioners(*)	C_{dc}	0.25	—					
Power consumption in modes other than "active mode"								
Off mode	P_{OFF}	0.0814	kW		Crankcase heater mode	P_{CK}	0.0814	kW
Thermostat-off mode	P_{TO}	0	kW		Standby mode	P_{SB}	0.0814	kW
Other items								
Capacity control	variable				For air-to-air air conditioner:air flow rate,outdoor measured	—	15000	m^3/h
Sound power level,outdoor	L_{WA}	88	dB					
GWP of the refrigerant		2088	kg CO ₂ eq(100years)					
Contact details								
(*)If C_{dc} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split air conditioners,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

Information requirements for heat pumps								
Model(s):MV-450(16)WD2RN1T(D); Test matching indoor units form 1, Duct: 6×M12-76T2DN1-R; test matching indoor units form 2, non-duct: 6×M12-76Q4DN1-G;								
Outdoor side heat exchanger of air conditioner:air								
Indoor side heat exchanger of air conditioner:air								
Indication if the heater is equipped with a supplementary heater:no								
If applicable:driver of compressor:electric motor								
Parameters shall be declared for the average heating season,parameters for the warmer and colder heating seasons are optional								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	45	kW		Seasonal space heating energy efficiency	$\eta_{s,h}$	135.0	%
Declared heating capacity for part load at indoor temperature 20°C and outdoor temperatures T_j					Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j=-7^\circ\text{C}$	P_{dh}	22.125	kW		$T_j=-7^\circ\text{C}$	COP_d	2.21	--
$T_j=+2^\circ\text{C}$	P_{dh}	14.202	kW		$T_j=+2^\circ\text{C}$	COP_d	3.25	--
$T_j=+7^\circ\text{C}$	P_{dh}	9.436	kW		$T_j=+7^\circ\text{C}$	COP_d	4.91	--
$T_j=+12^\circ\text{C}$	P_{dh}	7.650	kW		$T_j=+12^\circ\text{C}$	COP_d	5.95	--
T_{biv} =bivalent temperature	P_{dh}	22.125	kW		T_{biv} =bivalent temperature	COP_d	2.21	--
T_{OL} =operation temperature	P_{dh}	25.102	kW		T_{OL} =operation temperature	COP_d	1.79	--
Bivalent temperature	T_{biv}	-7	°C					
Degradation co-efficient for heat pumps(**)	C_{dh}	0.25	—					
Power consumption in modes other than "active mode"					Supplementary heater			
Off mode	P_{OFF}	0.0814	kW		Back-up heating capacity(*)	e_{bu}	0	kW
Thermosat-off mode	P_{TO}	0.0814	kW		Type of energy input			
Crankcase heater mode	P_{CK}	0.2092	kW		Standby mode	P_{SB}	0.0814	kW
Other items								
Capacity control		variable			For air-to-air heat pump:air flow rate,outdoor measured	—	15000	m ³ /h
Sound power level,outdoor	L_{WA}	88	dB					
GWP of the refrigerant		2088	kg CO ₂ eq(100years)					
Contact details								
(*)								
(**)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25								
Where information relates to multi-split heat pumps,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer								

16127000A10348 V2.0

此页不做印刷，仅做变更说明：

V1.0升级到V2.0更改GWP参数

材质：双胶纸黑白印
规格：A4
克重：100g

