Model(s):	Outdoor unit:	EAHV-P900YAL-H(-N)(-BS), EAHV-P900YAF-H(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	67.6	kW	**Seasonal space heating energy efficiency**	ηs	139	%
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 Tj			
Tj= - 7 °C	Pdh	59.8	kW	Tj= - 7 °C	COPd	2.58	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 2 °C	Pdh	38.7	kW	Tj= + 2 °C	COPd	3.70	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 7 °C	Pdh	45.0	kW	Tj= + 7 °C	COPd	4.96	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= +12 °C	Pdh	45.0	kW	Tj= +12 °C	COPd	5.64	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= bivalent temperature	Pdh	59.8	kW	Tj= bivalent temperature	COPd	2.58	-
Tj= operation limit temperature	Pdh	49.4	kW	Tj= operation limit temperature	COPd	2.14	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{OFF}	0.200	kW	Rated heat output (*)	Psup	11.7	kW
Thermostat-off mode	P_{TO}	0.200	kW				
Stanby mode	P_{SB}	0.200	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.090	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	27720	m^3/h
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA				
Annual energy consumption	Q_{HE}	39158	kWh				
For heat pump combination heater:							
Declared load profile		-		**Water heating energy efficiency**	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat 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.

Model(s):	Outdoor unit:	EAHV-P900YAL-H(-N)(-BS), EAHV-P900YAF-H(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	98.8	kW	**Seasonal space heating energy efficiency**	ηs	109	%
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 Tj			
Tj= - 7 °C	Pdh	59.8	kW	Tj= - 7 °C	COPd	2.58	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 2 °C	Pdh	38.7	kW	Tj= + 2 °C	COPd	3.70	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 7 °C	Pdh	45.0	kW	Tj= + 7 °C	COPd	4.96	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= +12 °C	Pdh	45.0	kW	Tj= +12 °C	COPd	5.64	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= bivalent temperature	Pdh	59.8	kW	Tj= bivalent temperature	COPd	2.58	-
Tj= operation limit temperature	Pdh	49.4	kW	Tj= operation limit temperature	COPd	2.14	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{OFF}	0.200	kW	Rated heat output (*)	Psup	98.8	kW
Thermostat-off mode	P_{TO}	0.200	kW				
Stanby mode	P_{SB}	0.200	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.090	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	27720	m^3/h
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA				
Annual energy consumption	Q_{HE}	86793	kWh				
For heat pump combination heater:							
Declared load profile		-		**Water heating energy efficiency**	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat 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.

Model(s):	Outdoor unit:	EAHV-P900YAL-H(-N)(-BS), EAHV-P900YAF-H(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	75.3	kW	**Seasonal space heating energy efficiency**	ηs	179	%
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 Tj			
Tj= - 7 °C	Pdh	-	kW	Tj= - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj= + 2 °C	Pdh	75.3	kW	Tj= + 2 °C	COPd	3.16	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 7 °C	Pdh	48.4	kW	Tj= + 7 °C	COPd	4.96	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= +12 °C	Pdh	45.0	kW	Tj= +12 °C	COPd	5.64	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= bivalent temperature	Pdh	75.3	kW	Tj= bivalent temperature	COPd	3.16	-
Tj= operation limit temperature	Pdh	49.4	kW	Tj= operation limit temperature	COPd	2.14	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{OFF}	0.200	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.200	kW				
Stanby mode	P_{SB}	0.200	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.090	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	27720	m^3/h
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA				
Annual energy consumption	Q_{HE}	22181	kWh				
For heat pump combination heater:							
Declared load profile		-		**Water heating energy efficiency**	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat 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.

Model(s):	Outdoor unit:	EAHV-P900YAL-H(-N)(-BS), EAHV-P900YAF-H(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	63.8	kW	**Seasonal space heating energy efficiency**	ηs	110	%
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 Tj			
Tj= - 7 °C	Pdh	56.4	kW	Tj= - 7 °C	COPd	1.83	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 2 °C	Pdh	34.3	kW	Tj= + 2 °C	COPd	2.96	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 7 °C	Pdh	22.1	kW	Tj= + 7 °C	COPd	3.73	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= +12 °C	Pdh	9.8	kW	Tj= +12 °C	COPd	3.87	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= bivalent temperature	Pdh	56.4	kW	Tj= bivalent temperature	COPd	1.83	-
Tj= operation limit temperature	Pdh	54.7	kW	Tj= operation limit temperature	COPd	1.75	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-8	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{OFF}	0.200	kW	Rated heat output (*)	Psup	63.8	kW
Thermostat-off mode	P_{TO}	0.200	kW				
Stanby mode	P_{SB}	0.200	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.090	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	27720	m^3/h
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA				
Annual energy consumption	Q_{HE}	46627	kWh				
For heat pump combination heater:							
Declared load profile		-		**Water heating energy efficiency**	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat 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.

Model(s):	Outdoor unit:	EAHV-P900YAL-H(-N)(-BS), EAHV-P900YAF-H(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	96.7	kW	**Seasonal space heating energy efficiency**	ηs	97	%
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 Tj			
Tj= - 7 °C	Pdh	58.5	kW	Tj= - 7 °C	COPd	2.16	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 2 °C	Pdh	35.6	kW	Tj= + 2 °C	COPd	3.37	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 7 °C	Pdh	22.9	kW	Tj= + 7 °C	COPd	4.20	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= +12 °C	Pdh	10.2	kW	Tj= +12 °C	COPd	4.20	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= bivalent temperature	Pdh	58.5	kW	Tj= bivalent temperature	COPd	2.16	-
Tj= operation limit temperature	Pdh	40.8	kW	Tj= operation limit temperature	COPd	1.64	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-15	°C
				Heating water operating limit temperature	WTOL	50	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{OFF}	0.200	kW	Rated heat output (*)	Psup	97.0	kW
Thermostat-off mode	P_{TO}	0.200	kW				
Stanby mode	P_{SB}	0.200	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.090	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	27720	m^3/h
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA				
Annual energy consumption	Q_{HE}	94786	kWh				
For heat pump combination heater:							
Declared load profile		-		**Water heating energy efficiency**	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat 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.

Model(s):	Outdoor unit:	EAHV-P900YAL-H(-N)(-BS), EAHV-P900YAF-H(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	71.1	kW	**Seasonal space heating energy efficiency**	ηs	135	%
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 Tj			
Tj= - 7 °C	Pdh	-	kW	Tj= - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj= + 2 °C	Pdh	71.1	kW	Tj= + 2 °C	COPd	2.12	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 7 °C	Pdh	45.7	kW	Tj= + 7 °C	COPd	3.60	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= +12 °C	Pdh	20.3	kW	Tj= +12 °C	COPd	3.99	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= bivalent temperature	Pdh	71.1	kW	Tj= bivalent temperature	COPd	2.12	-
Tj= operation limit temperature	Pdh	54.7	kW	Tj= operation limit temperature	COPd	1.75	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-8	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{OFF}	0.200	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.200	kW				
Stanby mode	P_{SB}	0.200	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.090	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	27720	m^3/h
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA				
Annual energy consumption	Q_{HE}	27528	kWh				
For heat pump combination heater:							
Declared load profile		-		**Water heating energy efficiency**	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat 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.

Model(s):	Outdoor unit:	EAHV-P900YAL(-N)(-BS), EAHV-P900YAF(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	67.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj= - 7 °C	Pdh	59.8	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 2 °C	Pdh	38.7	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 7 °C	Pdh	45.0	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= +12 °C	Pdh	45.0	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= bivalent temperature	Pdh	59.8	kW
Tj= operation limit temperature	Pdh	49.4	kW
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	-7	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.200	kW
Thermostat-off mode	P_{TO}	0.200	kW
Stanby mode	P_{SB}	0.200	kW
Crankcase heater mode	P_{CK}	0.090	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA
Annual energy consumption	Q_{HE}	38093	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kW/h
Annual electricity consumption	AEC	-	kW/h

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	143	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj= - 7 °C	COPd	2.58	-
Tj= + 2 °C	COPd	3.70	-
Tj= + 7 °C	COPd	4.96	-
Tj= +12 °C	COPd	5.64	-
Tj= bivalent temperature	COPd	2.58	-
Tj= operation limit temperature	COPd	2.14	-
Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Operation limit temperature	TOL	-15	°C
Heating water operating limit temperature	WTOL	55	°C
Supplementary heater			
Rated heat output (*)	Psup	11.7	kW
Type of energy input			
Rated air flow rate, outdoors	-	27720	m^3/h
Water heating energy efficiency	ηwh	-	%

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(*) For heat pump space heaters and heat pump combination heaters, the rated heat 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.

Model(s):	Outdoor unit:	EAHV-P900YAL(-N)(-BS), EAHV-P900YAF(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	67.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj= - 7 °C	Pdh	59.8	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 2 °C	Pdh	38.7	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 7 °C	Pdh	45.0	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= +12 °C	Pdh	45.0	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= bivalent temperature	Pdh	59.8	kW
Tj= operation limit temperature	Pdh	49.4	kW
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	-7	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.200	kW
Thermostat-off mode	P_{TO}	0.200	kW
Stanby mode	P_{SB}	0.200	kW
Crankcase heater mode	P_{CK}	0.090	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA
Annual energy consumption	Q_{HE}	38093	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kW/h
Annual electricity consumption	AEC	-	kW/h

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	143	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj= - 7 °C	COPd	2.58	-
Tj= + 2 °C	COPd	3.70	-
Tj= + 7 °C	COPd	4.96	-
Tj= +12 °C	COPd	5.64	-
Tj= bivalent temperature	COPd	2.58	-
Tj= operation limit temperature	COPd	2.14	-
Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Operation limit temperature	TOL	-15	°C
Heating water operating limit temperature	WTOL	55	°C
Supplementary heater			
Rated heat output (*)	Psup	11.7	kW
Type of energy input			
Rated air flow rate, outdoors	-	27720	m^3/h
Water heating energy efficiency	ηwh	-	%

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MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66, Tebira, 6-Chome, Wakayama City 640-8686, Japan

(*) For heat pump space heaters and heat pump combination heaters, the rated heat 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.

Model(s):	Outdoor unit:	EAHV-P900YAL(-N)(-BS), EAHV-P900YAF(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	67.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj= - 7 °C	Pdh	59.8	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 2 °C	Pdh	38.7	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 7 °C	Pdh	45.0	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= +12 °C	Pdh	45.0	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= bivalent temperature	Pdh	59.8	kW
Tj= operation limit temperature	Pdh	49.4	kW
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	-7	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.200	kW
Thermostat-off mode	P_{TO}	0.200	kW
Stanby mode	P_{SB}	0.200	kW
Crankcase heater mode	P_{CK}	0.090	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA
Annual energy consumption	Q_{HE}	38093	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kW/h
Annual electricity consumption	AEC	-	kW/h

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	143	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj= - 7 °C	COPd	2.58	-
Tj= + 2 °C	COPd	3.70	-
Tj= + 7 °C	COPd	4.96	-
Tj= +12 °C	COPd	5.64	-
Tj= bivalent temperature	COPd	2.58	-
Tj= operation limit temperature	COPd	2.14	-
Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Operation limit temperature	TOL	-15	°C
Heating water operating limit temperature	WTOL	55	°C
Supplementary heater			
Rated heat output (*)	Psup	11.7	kW
Type of energy input			
Rated air flow rate, outdoors	-	27720	m^3/h
Water heating energy efficiency	ηwh	-	%

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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

Model(s):	Outdoor unit:	EAHV-P900YAL(-N)(-BS), EAHV-P900YAF(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	67.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj= - 7 °C	Pdh	59.8	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 2 °C	Pdh	38.7	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 7 °C	Pdh	45.0	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= +12 °C	Pdh	45.0	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= bivalent temperature	Pdh	59.8	kW
Tj= operation limit temperature	Pdh	49.4	kW
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	-7	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.200	kW
Thermostat-off mode	P_{TO}	0.200	kW
Stanby mode	P_{SB}	0.200	kW
Crankcase heater mode	P_{CK}	0.090	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA
Annual energy consumption	Q_{HE}	38093	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kW/h
Annual electricity consumption	AEC	-	kW/h

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	143	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj= - 7 °C	COPd	2.58	-
Tj= + 2 °C	COPd	3.70	-
Tj= + 7 °C	COPd	4.96	-
Tj= +12 °C	COPd	5.64	-
Tj= bivalent temperature	COPd	2.58	-
Tj= operation limit temperature	COPd	2.14	-
Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Operation limit temperature	TOL	-15	°C
Heating water operating limit temperature	WTOL	55	°C
Supplementary heater			
Rated heat output (*)	Psup	11.7	kW
Type of energy input			
Rated air flow rate, outdoors	-	27720	m^3/h
Water heating energy efficiency	ηwh	-	%

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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

Model(s):	Outdoor unit:	EAHV-P900YA(-N)(-BS), EAHV-P900YAF(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	96.7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj= - 7 °C	Pdh	58.5	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 2 °C	Pdh	35.6	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= + 7 °C	Pdh	22.9	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= +12 °C	Pdh	10.2	kW
Degradation co-efficient (**)	Cdh	0.9	-
Tj= bivalent temperature	Pdh	58.5	kW
Tj= operation limit temperature	Pdh	40.8	kW
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	-7	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.200	kW
Thermostat-off mode	P_{TO}	0.200	kW
Stanby mode	P_{SB}	0.200	kW
Crankcase heater mode	P_{CK}	0.090	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA
Annual energy consumption	Q_{HE}	94146	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kW/h
Annual electricity consumption	AEC	-	kW/h

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	98	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj= - 7 °C	COPd	2.16	-
Tj= + 2 °C	COPd	3.37	-
Tj= + 7 °C	COPd	4.20	-
Tj= +12 °C	COPd	4.20	-
Tj= bivalent temperature	COPd	2.16	-
Tj= operation limit temperature	COPd	1.64	-
Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Operation limit temperature	TOL	-15	°C
Heating water operating limit temperature	WTOL	50	°C
Supplementary heater			
Rated heat output (*)	Psup	97.0	kW
Type of energy input			
Rated air flow rate, outdoors	-	27720	m^3/h
Water heating energy efficiency	ηwh	-	%

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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

Model(s):	Outdoor unit:	EAHV-P900YAL(-N)(-BS), EAHV-P900YAF(-N)(-BS)
	Indoor unit:	-
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:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	71.1	kW	**Seasonal space heating energy efficiency**	ηs	142	%
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 Tj			
Tj= - 7 °C	Pdh	-	kW	Tj= - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj= + 2 °C	Pdh	71.1	kW	Tj= + 2 °C	COPd	2.12	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= + 7 °C	Pdh	45.7	kW	Tj= + 7 °C	COPd	3.60	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= +12 °C	Pdh	20.3	kW	Tj= +12 °C	COPd	3.99	-
Degradation co-efficient (**)	Cdh	0.9	-				
Tj= bivalent temperature	Pdh	71.1	kW	Tj= bivalent temperature	COPd	2.12	-
Tj= operation limit temperature	Pdh	54.7	kW	Tj= operation limit temperature	COPd	1.75	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-8	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{OFF}	0.200	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.200	kW				
Stanby mode	P_{SB}	0.200	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.090	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	27720	m^3/h
Sound power level, indoors/outdoors	L_{WA}	-/77	dBA				
Annual energy consumption	Q_{HE}	26247	kWh				
For heat pump combination heater:							
Declared load profile		-		**Water heating energy efficiency**	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.