



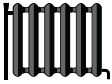
**ENERG**  
енергия · ενεργεια

Y IJA  
IE IA



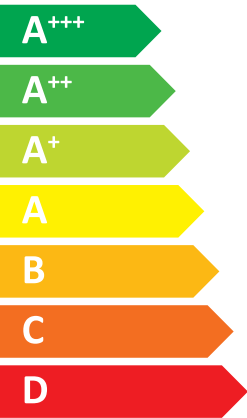
Indoor unit  
Outdoor unit

E\*SD-\*M2/6/9\*D  
PXZ-4F75VG



55 °C

35 °C



A<sup>+</sup>

A<sup>++</sup>



41 dB



67 dB

■ 05  
■ **06**  
■ 06  
kW

■ 05  
■ **06**  
■ 07  
kW



2019

811/2013

DG79V334H01

1.SPACE HEATER		For medium-temperature application													For low-temperature application												
1	2	3	6	8	11	9	13	15	16	21	22	17	18	25	4	6	8	11	9	13	15	16	21	22	17	18	25
Outdoor unit	Indoor unit	Medium-temperature application	Seasonal space heating energy efficiency class	Rated heat output under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	For space heating: annual energy consumption under average climate conditions	Sound power level L <sub>w</sub> , indoor	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	Seasonal space heating energy efficiency under colder climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	For space heating: annual energy consumption under colder climate conditions	For space heating: annual energy consumption under warmer climate conditions	Sound power level L <sub>w</sub> , outdoor	Low-temperature application	Seasonal space heating energy efficiency class	Rated heat output under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	For space heating: annual energy consumption under average climate conditions	Sound power level L <sub>w</sub> , indoor	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	Seasonal space heating energy efficiency under colder climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	For space heating: annual energy consumption under colder climate conditions	For space heating: annual energy consumption under warmer climate conditions	Sound power level L <sub>w</sub> , outdoor
PXZ-4F75VG	EHSD-****D	✓	A+	6	113	4335	41	5	6	97	147	5136	2244	67	✓	A++	6	154	3212	41	5	7	132	199	3805	1800	67
	ERSD-****D	✓	A+	6	113	4335	41	5	6	97	147	5136	2244	67	✓	A++	6	154	3212	41	5	7	132	199	3805	1800	67

2.COMBINATION HEATER		For medium-temperature application													For low-temperature application																																	
1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25			
Outdoor unit	Indoor unit	Medium-temperature application	Decided load profile	Seasonal space heating energy efficiency class	Water heating energy efficiency class	Rated heat output under average climate conditions	For space heating: annual energy consumption under average climate conditions	For water heating: annual energy consumption under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	Water heating energy efficiency under average climate conditions	Sound power level L <sub>w</sub> , indoor	Work only during off-peak hours	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	For space heating: annual energy consumption under colder climate conditions	For space heating: annual energy consumption under warmer climate conditions	For water heating: annual energy consumption under colder climate conditions	For water heating: annual energy consumption under warmer climate conditions	Seasonal space heating energy efficiency under colder climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	Water heating energy efficiency under colder climate conditions	Water heating energy efficiency under warmer climate conditions	Sound power level L <sub>w</sub> , outdoor	Low-temperature application	Decided load profile	Seasonal space heating energy efficiency class	Water heating energy efficiency class	Rated heat output under average climate conditions	For space heating: annual energy consumption under average climate conditions	For water heating: annual energy consumption under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	Water heating energy efficiency under average climate conditions	Sound power level L <sub>w</sub> , indoor	Work only during off-peak hours	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	For space heating: annual energy consumption under colder climate conditions	For space heating: annual energy consumption under warmer climate conditions	For water heating: annual energy consumption under colder climate conditions	For water heating: annual energy consumption under warmer climate conditions	Seasonal space heating energy efficiency under colder climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	Water heating energy efficiency under colder climate conditions	Water heating energy efficiency under warmer climate conditions	Sound power level L <sub>w</sub> , outdoor			
PXZ-4F75VG	EHST17D-****D	✓	L	A+	A+	6	4335	936	113	117	41	-	-	-	5	6	5136	2244	1256	776	97	147	86	144	67	✓	L	A++	A+	6	3212	936	154	117	41	-	-	5	7	3805	1800	1256	776	132	199	86	144	67
	ERST17D-****D	✓	L	A+	A+	6	4335	936	113	117	41	-	-	-	5	6	5136	2244	1256	776	97	147	86	144	67	✓	L	A++	A+	6	3212	936	154	117	41	-	-	5	7	3805	1800	1256	776	132	199	86	144	67
	EHST20D-****D	✓	L	A+	A+	6	4335	922	113	124	41	-	-	-	5	6	5136	2244	1573	784	97	147	71	149	67	✓	L	A++	A+	6	3212	922	154	124	41	-	-	5	7	3805	1800	1573	784	132	199	71	149	67
	ERST20D-****D	✓	L	A+	A+	6	4335	922	113	124	41	-	-	-	5	6	5136	2244	1573	784	97	147	71	149	67	✓	L	A++	A+	6	3212	922	154	124	41	-	-	5	7	3805	1800	1573	784	132	199	71	149	67
	EHST30D-****D	✓	XL	A+	A	6	4335	1530	113	118	41	-	-	-	5	6	5136	2244	1835	1246	97	147	98	151	67	✓	XL	A++	A	6	3212	1530	154	118	41	-	-	5	7	3805	1800	1635	1246	132	199	98	151	67
	ERST30D-****D	✓	XL	A+	A	6	4335	1530	113	118	41	-	-	-	5	6	5136	2244	1835	1246	97	147	98	151	67	✓	XL	A++	A	6	3212	1530	154	118	41	-	-	5	7	3805	1800	1635	1246	132	199	98	151	67



**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	EHSD-****D
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
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.1	kW	Seasonal space heating energy efficiency	$\eta_s$	113	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	5.4	kW	Tj = -7 °C	COPd	1.57	-
Degradation co-efficient (**)	Cdh	1.00	-	Tj = +2 °C	COPd	3.04	-
Tj = +2 °C	Pdh	3.6	kW	Tj = +7 °C	COPd	3.96	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	4.51	-
Tj = +7 °C	Pdh	2.3	kW	Tj = bivalent temperature	COPd	1.57	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.33	-
Tj = +12 °C	Pdh	1.5	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	55	°C
Tj = bivalent temperature	Pdh	5.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	4.5	kW	Rated heat output (*)	Psup	1.6	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P <sub>OFF</sub>	0.015	kW	Thermostat-off mode	P <sub>TO</sub>	0.015	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW	Standby mode	P <sub>SB</sub>	0.015	kW
Standby mode	P <sub>SB</sub>	0.015	kW	Crankcase heater mode	P <sub>CK</sub>	0.000	kW
Crankcase heater mode	P <sub>CK</sub>	0.000	kW	Other items			
Other items				Capacity control			
Capacity control	variable			Rated air flow rate, outdoors			
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dB(A)	-			
Annual energy consumption	Q <sub>HE</sub>	4335	kWh	2562 m <sup>3</sup> /h			
For heat pump combination heater:				Declared load profile			
Declared load profile	-			Water heating energy efficiency			
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	$\eta_{wh}$			
Annual electricity consumption	AEC	-	kWh	-			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-			
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dB(A)	2562 m <sup>3</sup> /h			
Annual energy consumption	Q <sub>HE</sub>	4335	kWh				

For heat pump combination heater:				Declared load profile			
Declared load profile	-			Water heating energy efficiency			
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	$\eta_{wh}$			
Annual electricity consumption	AEC	-	kWh	-			

Contact details  
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier:



Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

- Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.
  - Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.
- (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	EHSD-****D
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
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.1	kW	Seasonal space heating energy efficiency	$\eta_s$	154	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	5.4	kW	Tj = - 7 °C	COPd	2.44	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.08	-
Tj = + 2 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	5.07	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	5.51	-
Tj = + 7 °C	Pdh	2.2	kW	Tj = bivalent temperature	COPd	2.44	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	2.31	-
Tj = +12 °C	Pdh	1.6	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	55	°C
Tj = bivalent temperature	Pdh	5.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	5.0	kW	Rated heat output (*)	Psup	1.1	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C				
Power consumption in modes other than active mode							
Off mode	P <sub>OFF</sub>	0.015	kW				
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW				
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2562	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dB(A)				
Annual energy consumption	Q <sub>HE</sub>	3212	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			$\eta_{wh}$	-	%	
Daily electricity consumption	Q <sub>elec</sub>	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details  
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;  
 Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	EHSD-****D
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
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.2	kW	Seasonal space heating energy efficiency	$\eta_s$	97	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	2.20	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	2.98	-
Tj = + 2 °C	Pdh	1.9	kW	Tj = + 7 °C	COPd	4.33	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.12	-
Tj = + 7 °C	Pdh	1.8	kW	Tj = bivalent temperature	COPd	2.34	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature (***)	COPd	1.00	-
Tj = +12 °C	Pdh	1.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	1.00	-
Degradation co-efficient (**)	Cdh	0.94	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	3.2	kW	Heating water operating limit temperature	WTOL	55	°C
Tj = operation limit temperature (***)	Pdh	3.5	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	4.2	kW	Rated heat output (*)	Psup	5.2	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Rated heat output (*)			
Off mode	P <sub>OFF</sub>	0.015	kW	Type of energy input			
Thermostat-off mode	P <sub>TO</sub>	0.015	kW	Electrical			
Standby mode	P <sub>SB</sub>	0.015	kW				
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2562	m <sup>3</sup> /h
Capacity control	variable						
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dB(A)				
Annual energy consumption	Q <sub>HE</sub>	5136	kWh				

For heat pump combination heater:				Water heating energy efficiency	$\eta_{wh}$	-	%
Declared load profile	-						
Daily electricity consumption	Q <sub>elec</sub>	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details  
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;  
 Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	EHSD-****D
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
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.2	kW	Seasonal space heating energy efficiency	$\eta_s$	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	3.2	kW	Tj = -7 °C	COPd	3.15	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +2 °C	COPd	3.90	-
Tj = +2 °C	Pdh	1.9	kW	Tj = +7 °C	COPd	5.25	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = +12 °C	COPd	6.73	-
Tj = +7 °C	Pdh	1.8	kW	Tj = bivalent temperature	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature (***)	COPd	1.69	-
Tj = +12 °C	Pdh	1.7	kW	Tj = -15 °C (if TOL < -20 °C)	COPd	2.18	-
Degradation co-efficient (**)	Cdh	0.94	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	3.2	kW	Heating water operating limit temperature	WTOL	55	°C
Tj = operation limit temperature (***)	Pdh	4.0	kW	Supplementary heater			
Tj = -15 °C (if TOL < -20 °C)	Pdh	4.2	kW	Rated heat output (*)	Psup	5.2	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Off mode	P <sub>OFF</sub>	0.015	kW	Off mode			
Thermostat-off mode	P <sub>TO</sub>	0.015	kW	Thermostat-off mode			
Standby mode	P <sub>SB</sub>	0.015	kW	Standby mode			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW	Crankcase heater mode			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2562	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67				dBA	
Annual energy consumption	Q <sub>HE</sub>	3805				kWh	

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			$\eta_{wh}$	-	%	
Daily electricity consumption	Q <sub>elec</sub>	-				kWh	
Annual electricity consumption	AEC	-				kWh	

Contact details  
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;  
 Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	EHSD-****D
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
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.3	kW	Seasonal space heating energy efficiency	$\eta_s$	147	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				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	COPd	1.94	-
Tj = +2 °C	Pdh	6.3	kW	Tj = +7 °C	COPd	3.21	-
Degradation co-efficient (**)	Cdh	1.00	-	Tj = +12 °C	COPd	5.16	-
Tj = +7 °C	Pdh	4.1	kW	Tj = bivalent temperature	COPd	1.94	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = operation limit temperature (***)	COPd	1.94	-
Tj = +12 °C	Pdh	1.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	55	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.3	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Other items			
Power consumption in modes other than active mode				Rated air flow rate, outdoors			
Off mode	P <sub>OFF</sub>	0.015	kW			2562	m <sup>3</sup> /h
Thermostat-off mode	P <sub>TO</sub>	0.015	kW	Capacity control	variable		
Standby mode	P <sub>SB</sub>	0.015	kW	Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dB(A)
Crankcase heater mode	P <sub>CK</sub>	0.000	kW	Annual energy consumption	Q <sub>HE</sub>	2244	kWh

Other items				Rated air flow rate, outdoors			
Capacity control	variable					2562	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67					
Annual energy consumption	Q <sub>HE</sub>	2244					

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-				$\eta_{wh}$	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details

MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;

Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.



**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	ERSD-****D
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
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.1	kW	Seasonal space heating energy efficiency	$\eta_s$	113	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	5.4	kW	Tj = - 7 °C	COPd	1.57	-
Degradation co-efficient (**)	Cdh	1.00	-	Tj = + 2 °C	COPd	3.04	-
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	3.96	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	4.51	-
Tj = + 7 °C	Pdh	2.3	kW	Tj = bivalent temperature	COPd	1.57	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.33	-
Tj = +12 °C	Pdh	1.5	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	55	°C
Tj = bivalent temperature	Pdh	5.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	4.5	kW	Rated heat output (*)	Psup	1.6	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P <sub>OFF</sub>	0.015	kW	
Thermostat-off mode				P <sub>TO</sub>	0.015	kW	
Standby mode				P <sub>SB</sub>	0.015	kW	
Crankcase heater mode				P <sub>CK</sub>	0.000	kW	

Other items

Capacity control	variable			Rated air flow rate, outdoors	-	2562	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dBA				
Annual energy consumption	Q <sub>HE</sub>	4335	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	$\eta_{wh}$	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details

MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD.

700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier:



Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(\*) 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.

(\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	ERSD-****D
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
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.1	kW	Seasonal space heating energy efficiency	$\eta_s$	154	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	5.4	kW	Tj = -7 °C	COPd	2.44	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +2 °C	COPd	4.08	-
Tj = +2 °C	Pdh	3.3	kW	Tj = +7 °C	COPd	5.07	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	5.51	-
Tj = +7 °C	Pdh	2.2	kW	Tj = bivalent temperature	COPd	2.44	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	2.31	-
Tj = +12 °C	Pdh	1.6	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	55	°C
Tj = bivalent temperature	Pdh	5.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	5.0	kW	Rated heat output (*)	Psup	1.1	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P <sub>OFF</sub>	0.015	kW	Thermostat-off mode	P <sub>TO</sub>	0.015	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW	Standby mode	P <sub>SB</sub>	0.015	kW
Standby mode	P <sub>SB</sub>	0.015	kW	Crankcase heater mode	P <sub>CK</sub>	0.000	kW
Crankcase heater mode	P <sub>CK</sub>	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	2562	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dBA				
Annual energy consumption	Q <sub>HE</sub>	3212	kWh				

For heat pump combination heater:				Water heating energy efficiency	$\eta_{wh}$	-	%
Declared load profile	-						
Daily electricity consumption	Q <sub>elec</sub>	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details  
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;  
 Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	ERSD-****D
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
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.2	kW	Seasonal space heating energy efficiency	$\eta_s$	97	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	2.20	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	2.98	-
Tj = + 2 °C	Pdh	1.9	kW	Tj = + 7 °C	COPd	4.33	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.12	-
Tj = + 7 °C	Pdh	1.8	kW	Tj = bivalent temperature	COPd	2.34	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature (***)	COPd	1.00	-
Tj = +12 °C	Pdh	1.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	1.00	-
Degradation co-efficient (**)	Cdh	0.94	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	3.2	kW	Heating water operating limit temperature	WTOL	55	°C
Tj = operation limit temperature (***)	Pdh	3.5	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	4.2	kW	Rated heat output (*)	Psup	5.2	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Off mode				P <sub>OFF</sub>			
Thermostat-off mode				P <sub>TO</sub>			
Standby mode				P <sub>SB</sub>			
Crankcase heater mode				P <sub>CK</sub>			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2562	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dBA				
Annual energy consumption	Q <sub>HE</sub>	5136	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			$\eta_{wh}$	-	%	
Daily electricity consumption	Q <sub>elec</sub>	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details  
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;  
 Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	ERSD-****D
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
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.2	kW	Seasonal space heating energy efficiency	$\eta_s$	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	3.15	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.90	-
Tj = + 2 °C	Pdh	1.9	kW	Tj = + 7 °C	COPd	5.25	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = +12 °C	COPd	6.73	-
Tj = + 7 °C	Pdh	1.8	kW	Tj = bivalent temperature	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature (***)	COPd	1.69	-
Tj = +12 °C	Pdh	1.7	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	2.18	-
Degradation co-efficient (**)	Cdh	0.94	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	3.2	kW	Heating water operating limit temperature	WTOL	55	°C
Tj = operation limit temperature (***)	Pdh	4.0	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	4.2	kW	Rated heat output (*)	Psup	5.2	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Off mode				P <sub>OFF</sub>			
Thermostat-off mode				P <sub>TO</sub>			
Standby mode				P <sub>SB</sub>			
Crankcase heater mode				P <sub>CK</sub>			

Other items				Rated air flow rate, outdoors	-	2562	m <sup>3</sup> /h
Capacity control	variable						
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dBA				
Annual energy consumption	Q <sub>FHE</sub>	3805	kWh				

For heat pump combination heater:				Water heating energy efficiency	$\eta_{wh}$	-	%
Declared load profile	-						
Daily electricity consumption	Q <sub>elec</sub>	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details  
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;  
 Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	ERSD-****D
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
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.3	kW	Seasonal space heating energy efficiency	$\eta_s$	147	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				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	COPd	1.94	-
Tj = + 2 °C	Pdh	6.3	kW	Tj = + 7 °C	COPd	3.21	-
Degradation co-efficient (**)	Cdh	1.00	-	Tj = +12 °C	COPd	5.16	-
Tj = + 7 °C	Pdh	4.1	kW	Tj = bivalent temperature	COPd	1.94	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = operation limit temperature (***)	COPd	1.94	-
Tj = +12 °C	Pdh	1.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	55	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.3	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P <sub>OFF</sub>			
Thermostat-off mode				P <sub>TO</sub>			
Standby mode				P <sub>SB</sub>			
Crankcase heater mode				P <sub>CK</sub>			

Other items				Rated air flow rate, outdoors	-	2562	m <sup>3</sup> /h
Capacity control	variable						
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dBA				
Annual energy consumption	Q <sub>HE</sub>	2244	kWh				

For heat pump combination heater:				Water heating energy efficiency	$\eta_{wh}$	-	%
Declared load profile	-						
Daily electricity consumption	Q <sub>elec</sub>	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details  
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;  
 Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	ERSD-****D
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
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.8	kW	Seasonal space heating energy efficiency	$\eta_s$	199	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				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	COPd	2.80	-
Tj = + 2 °C	Pdh	6.8	kW	Tj = + 7 °C	COPd	4.72	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	6.40	-
Tj = + 7 °C	Pdh	4.4	kW	Tj = bivalent temperature	COPd	2.80	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	2.80	-
Tj = +12 °C	Pdh	1.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	55	°C
Tj = bivalent temperature	Pdh	6.8	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.8	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P <sub>OFF</sub>			
Thermostat-off mode				P <sub>TO</sub>			
Standby mode				P <sub>SB</sub>			
Crankcase heater mode				P <sub>CK</sub>			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2562	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dBA				
Annual energy consumption	Q <sub>HE</sub>	1800	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			$\eta_{wh}$	-	%	
Daily electricity consumption	Q <sub>elec</sub>	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details  
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;  
 Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

**PRODUCT INFORMATION / TECHNICAL DOCUMENTATION**

Model(s):	Outdoor unit:	PXZ-4F75VG
	Indoor unit:	EHSD-****D
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
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.8	kW	Seasonal space heating energy efficiency	$\eta_s$	199	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				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	COPd	2.80	-
Tj = +2 °C	Pdh	6.8	kW	Tj = +7 °C	COPd	4.72	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	6.40	-
Tj = +7 °C	Pdh	4.4	kW	Tj = bivalent temperature	COPd	2.80	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	2.80	-
Tj = +12 °C	Pdh	1.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	55	°C
Tj = bivalent temperature	Pdh	6.8	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.8	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Other items			
Power consumption in modes other than active mode				Rated air flow rate, outdoors			
Off mode	P <sub>OFF</sub>	0.015	kW			2562	m <sup>3</sup> /h
Thermostat-off mode	P <sub>TO</sub>	0.015	kW	Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67	dB(A)
Standby mode	P <sub>SB</sub>	0.015	kW	Annual energy consumption	Q <sub>HE</sub>	1800	kWh
Crankcase heater mode	P <sub>CK</sub>	0.000	kW	For heat pump combination heater:			
Other items				Declared load profile			
Capacity control	variable			-			
				Daily electricity consumption			
				Q <sub>elec</sub>			
				-			
				Annual electricity consumption			
				AEC			
				-			
				Water heating energy efficiency			
				$\eta_{wh}$			
				-			

Other items				Rated air flow rate, outdoors			
Capacity control	variable					2562	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 67					
Annual energy consumption	Q <sub>HE</sub>	1800					

For heat pump combination heater:				Declared load profile			
				-			
				Daily electricity consumption			
				Q <sub>elec</sub>			
				-			
				Annual electricity consumption			
				AEC			
				-			
				Water heating energy efficiency			
				$\eta_{wh}$			
				-			

Contact details

MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;

Tadashi SAITO  
 Manager, Quality Assurance Department  
 THAILAND

The signature is signed in the average climate / medium-temperature section.

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.  
 · Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.  
 (\*) 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.  
 (\*\*\*) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.