

Model(s):	Outdoor Unit Indoor Unit	U-125PZH4E8 S-1014PF3E
Outdoor side heat exchanger of air conditioner:	air	
Indoor side heat exchanger of air conditioner:	air	
Type: compressor driven vapour compression or sorption process	vapour compression	
if applicable: driver of compressor: [electric motor or fuel driven, gaseous or liquid fuel, internal or external combustion engine]	electric motor	

Model(s):	Outdoor Unit	U-125PZH4E8
	Indoor Unit	S-1014PF3E
Outdoor side heat exchanger of heat pump:		air
Indoor side heat exchanger of heat pump:		air
Indication if the heater is equipped with a supplementary heater:		no
if applicable: driver of compressor: [electric motor or fuel driven, gaseous or liquid fuel, internal or external combustion engine]		electric motor
Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional.		

Item	Symb.	Value	Unit	Item	Symb.	Value	Unit
Rated heating capacity	P _{rated,h}	13.5	kW	Seasonal space heating energy efficiency	η _{s,h}	165.0	%
Refrigeration load	P _{design,h}	9.3	kW				
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperature Tj			
Tj = -7 °C	P _{d,h}	8.2	kW	Tj = -7 °C	COP _d or GUE _{n,biv} / AEF _{n,biv}	2.6	%
Tj = +2 °C		5.0	kW	Tj = +2 °C		4	%
Tj = +7 °C		3.2	kW	Tj = +7 °C		6.0	%
Tj = +12 °C		3.4	kW	Tj = +12 °C		6.8	%
T _{biv} = bivalent temperature		9.3	kW	T _{biv} = bivalent temperature		2.4	%
T _{OL} = operation limit		8.1	kW	T _{OL} = operation limit		1.7	%
For air-to-water heat pumps: Tj = -15 °C (if T _{OL} < -20 °C)	-	kW	For water-to-air heat pumps: Tj = -15 °C (if T _{OL} < -20 °C)	-	%		
Bivalent temperature	T _{biv}	-10	°C	For water-to-air heat pumps: Operation limit temperature	T _{OL}	-20	°C
Degradation co-efficient heat pumps**	C _{d,h}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P _{OFF}	0.016	kW	back-up heating capacity *	elbu	0.0	kW
Thermostat-off mode	P _{TO}	0.037	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW	Standby mode	P _{SB}	0.000	kW
Other items							
Capacity control		variable		For air-to-air heat pumps: air flow rate,outdoor		4680	m³/h
Sound power level, outdoor	L _{WA}	73.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor side heat exchanger		-	m³/h
Sound power level, indoor	L _{WA}	58.0	dB	Emissions of nitrogen oxides (if applicable)	NO _x **	-	mg/kWh fuel input GCV
				GWP of the refrigerant		675	kg CO ₂ eq. (100 years)
Contact details	Panasonic Testing Centre, Panasonic Marketing Europe GmbH Winsbergring 15, 22525 Hamburg, Germany						
** If C _{d,h} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25.							
*** from 26 September 2018.							
Where information relates to multi-split heat pumps, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.							
**** Refer to Information requirements for UnitList							