FUJITSU

AIR CONDITIONER
PRODUCT FICHE

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TYPE			WALL MOUNTED/SINGLE SPLIT/HEAT PUMP			
MODEL	OUTDOOR UNIIT		AOYG30LMTA		AOYG36LMTA	
	INDOOR UNIT		ASYG30LMTA		ASYG36LMTA	
POWER SOURCE			1φ 230 V ~ 50 Hz			
			COOLING	HEATING	COOLING	HEATING
OUTDOOR TEMPERATURE		[°C]	35	7	35	7
CAPACITY		[kW]	8.0	8.8	9.4	10.1
POWER INPUT		[kW]	2.33	2.41	3.16	2.96
CURRENT		[A]	10.2	10.5	13.9	13.0
MAX. CURRENT		[A]	14.5	14.5	19.0	19.0
ENERGY EFFICIENCY RATIO/ COEFFICIENT OF PERFORMANCE		[kW/kW]	3.43	3.65	2.97	3.41
SOUND POWER LEVEL	OUTDOOR UNIT	[dB(A)]	67	68	68	70
	INDOOR UNIT	[dB(A)]	65	65	65	65
DIMENSION (H×W×D)	OUTDOOR UNIT	[mm]	830 × 900 × 330			
	INDOOR UNIT	[mm]	340 × 1150 × 280			
WEIGHT	OUTDOOR UNIT	[kg]	61			
	INDOOR UNIT	[kg]	18			
REFRIGERANT/GLOBAL WARMING POTENTIAL			R410A/1975			
REFRIGERANT CHARGE		[kg]	2.1			
ENERGY EFFICIENCY CLASS			A^{++}	A^{+}	A^{+}	A^{+}
Pdesign		[kW]	8.0 (35 °C)	6.5 (-10 °C)	9.4 (35 °C)	7.1 (-10 °C)
SEASONAL ENERGY EFFICIENCY RATIO/ SEASONAL COEFFICIENT OF PERFORMANCE			6.35	4.15	5.73	4.19
ANNUAL ENERGY CONSUMPTION (Q_{CE})(Q_{HE})		[kWh/a]	441	2193	575	2373
BACKUP HEATER CAPACITY/ DECLARED CAPACITY		[kW]	—	0.75/5.75	—	0.86/6.24

- For more information, visit our web site at: http://www.fujitsu-general.de/
- For spare parts inquiry, consult the store that you purchased the product.

NOTES:

- Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO_2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
- Energy consumption "Q_{CE}" kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
- Energy consumption "Q_{HE}" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
- Sound pressure level : less than 70 dB(A) by according to IEC 704-1.

OPERATING RANGE		INDOOR	OUTDOOR
COOLING/DRY	[°C]	18 to 32	-15 to 46
HEATING	[°C]	16 to 30	-15 to 24
HUMIDITY	[%]	80 or less	—

- If the air conditioner is operated under higher temperature conditions than those listed, the built-in protection circuit may operate to prevent internal circuit damage. Also, during cooling and dry modes, if the unit is used under conditions of lower temperatures than those listed above, the heat-exchanger may freeze, leading to water leakage and other damage.
- If the unit is used for long periods under high-humidity conditions, condensation may form on the surface of the indoor unit, and drip onto the floor or other objects underneath.

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PART NO. 9320700362 (EN)

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FUJITSU

AOYG30LMTA/ASYG30LMTA

SEER

A+++
A++
A+
A
B
C
D

A++

kW	8,0
SEER	6,3
kWh/annum	441

65dB

67dB

SCOP

A+++
A++
A+
A
B
C
D

A+

kW	X	6,5	X
SCOP	X	4,1	X
kWh/annum	X	2193	X

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Information sheet (Lot.10)

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

		AIR CONDITIONER
TYPE	:	SINGLE SPLIT
		WALL MOUNTED
Indoor unit(s)	:	ASYG30LMTA
Outdoor unit	:	AOYG30LMTA
BRAND	:	FUJITSU

N/A = Not Applicable

Function			
Cooling	Yes	Average	Yes
Heating	Yes	Warmer	No
		Colder	No

Design load				Seasonal efficiency			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Cooling	Pdesignc	8.0	kW	Cooling	SEER	6.35	-
Heating/Average	Pdesignh	6.5	kW	Heating/Average	SCOP/A	4.15	-
Heating/Warmer	Pdesignh	N/A	kW	Heating/Warmer	SCOP/W	N/A	-
Heating/Colder	Pdesignh	N/A	kW	Heating/Colder	SCOP/C	N/A	-

Cooling							
Declared capacity for cooling, at indoor temperature 27 (19) °C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27 (19) °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = 35℃	Pdc	8.00	kW	Tj = 35℃	EER d	3.43	-
Tj = 30℃	Pdc	5.89	kW	Tj = 30℃	EER d	5.06	-
Tj = 25℃	Pdc	4.17	kW	Tj = 25℃	EER d	7.77	-
Tj = 20℃	Pdc	4.18	kW	Tj = 20℃	EER d	10.21	-

Heating/Average							
Declared capacity for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance/Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = -7℃	Pdh	5.75	kW	Tj = -7℃	COPd	2.87	-
Tj = 2℃	Pdh	4.21	kW	Tj = 2℃	COPd	4.12	-
Tj = 7℃	Pdh	3.06	kW	Tj = 7℃	COPd	5.87	-
Tj = 12℃	Pdh	3.61	kW	Tj = 12℃	COPd	7.18	-
Tj = bivalent temperature	Pdh	6.50	kW	Tj = bivalent temperature	COPd	2.94	-
Tj = operating limit	Pdh	5.64	kW	Tj = operating limit	COPd	2.32	-

Heating/Warmer							
Declared capacity for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = 2℃	Pdh	N/A	kW	Tj = 2℃	COPd	N/A	-
Tj = 7℃	Pdh	N/A	kW	Tj = 7℃	COPd	N/A	-
Tj = 12℃	Pdh	N/A	kW	Tj = 12℃	COPd	N/A	-
Tj = bivalent temperature	Pdh	N/A	kW	Tj = bivalent temperature	COPd	N/A	-
Tj = operating limit	Pdh	N/A	kW	Tj = operating limit	COPd	N/A	-

Heating/Colder							
Declared capacity for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance/Colder season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = -7℃	Pdh	N/A	kW	Tj = -7℃	COPd	N/A	-
Tj = 2℃	Pdh	N/A	kW	Tj = 2℃	COPd	N/A	-
Tj = 7℃	Pdh	N/A	kW	Tj = 7℃	COP d	N/A	-
Tj = 12℃	Pdh	N/A	kW	Tj = 12℃	COP d	N/A	-
Tj = bivalent temperature	Pdh	N/A	kW	Tj = bivalent temperature	COP d	N/A	-
Tj = operating limit	Pdh	N/A	kW	Tj = operating limit	COP d	N/A	-
Tj=-15℃	Pdh	N/A	kW	Tj = -15℃	COP d	N/A	-

Bivalent temperature				Operating limit temperature			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heating/Average	Tbiv	-7	℃	Heating/Average	Tol	-15	℃
Heating/Warmer	Tbiv	N/A	℃	Heating/Warmer	Tol	N/A	℃
Heating/Colder	Tbiv	N/A	℃	Heating/Colder	Tol	N/A	℃

Cycling interval capacity				Cycling interval efficiency			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
For cooling	Pcycc	N/A	kW	For cooling	EERcyc	N/A	-
For heating	Pcych	N/A	kW	For heating	COPcyc	N/A	-
Degradation coefficient cooling	Cdc	0.25	-	Degradation coefficient heating	Cdh	0.25	-

Electric power input in power modes other than 'active mode'				Annual electricity consumption			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Off mode (Cooling/Heating)	P_{OFF}	5.0/5.0	W	Cooling	Q_{CE}	441	kWh/a
Standby mode (Cooling/Heating)	P_{SB}	5.0/5.0	W	Heating/Average	Q_{HE}	2193	kWh/a
Thermostat-off mode (Cooling/Heating)	P_{TO}	2.0/12.0	W	Heating/Warmer	Q_{HE}	N/A	kWh/a
Crankcase heater mode (Cooling/Heating)	P_{CK}	0.0/0.0	W	Heating/Colder	Q_{HE}	N/A	kWh/a

Capacity control		Other items			
Item	Y/N	Item	Symbol	Value	Unit
Fixed	No	Sound power level (Indoor/Outdoor)	L_{WA}	65.0/67.0	dB(A)
Staged	No	Global warming potential	GWP	1975	$kgCO_2eq.$
Variable	Yes	Rated air flow (Indoor/Outdoor)	-	1400/3600	m^3/h

Contact details for obtaining more information	FUJITSU GENERAL LIMITED 3-3-17, Suenaga, Takatsu-ku, Kawasaki, 213-8502, Japan

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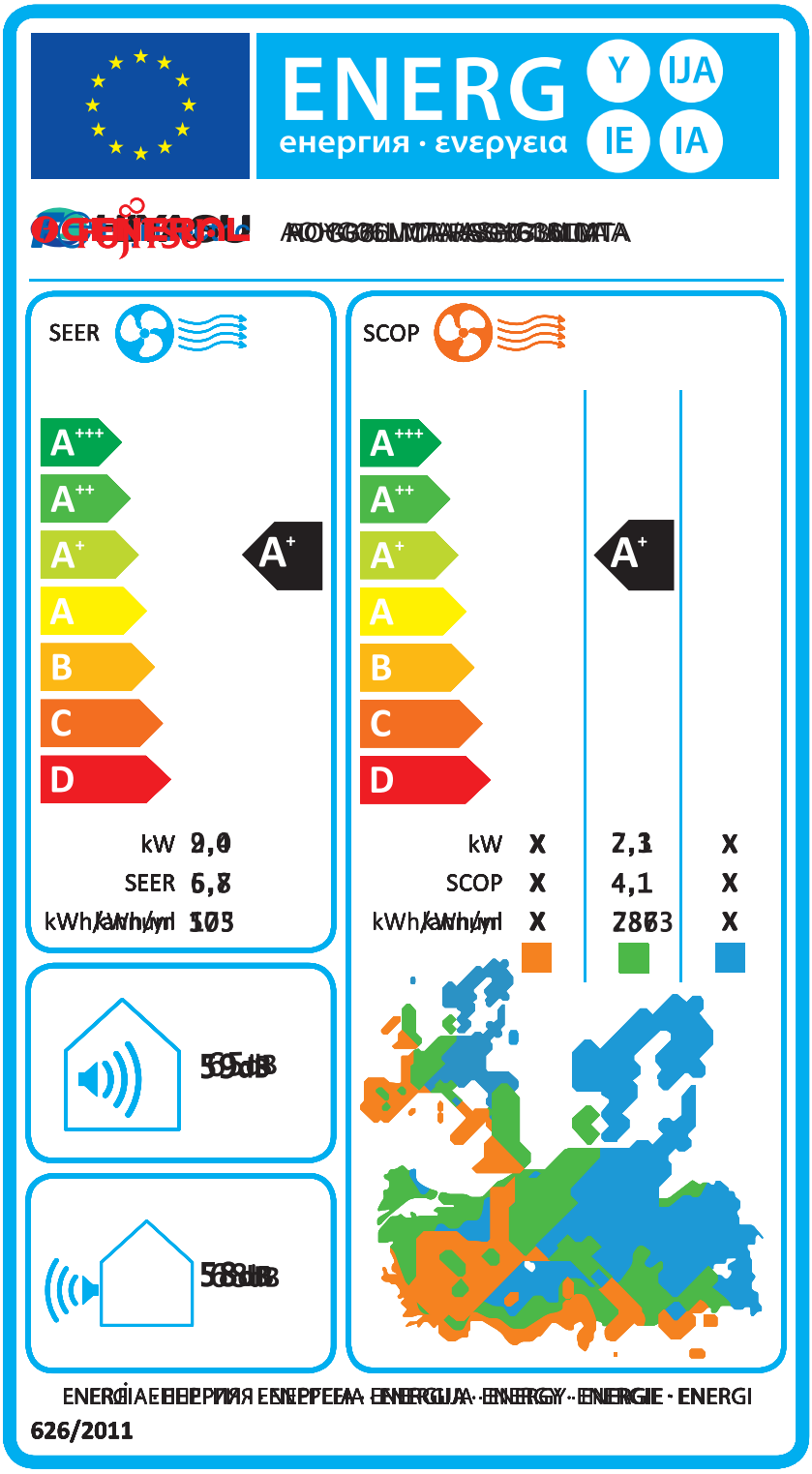
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		AIR CONDITIONER
TYPE	:	SINGLE SPLIT
		WALL MOUNTED
Indoor unit(s)	:	ASYG36LMTA
Outdoor unit	:	AOYG36LMTA
BRAND	:	FUJITSU

N/A = Not Applicable

Function			
Cooling	Yes	Average	Yes
Heating	Yes	Warmer	No
		Colder	No

Design load				Seasonal efficiency			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Cooling	Pdesignc	9.4	kW	Cooling	SEER	5.73	-
Heating/Average	Pdesignh	7.1	kW	Heating/Average	SCOP/A	4.19	-
Heating/Warmer	Pdesignh	N/A	kW	Heating/Warmer	SCOP/W	N/A	-
Heating/Colder	Pdesignh	N/A	kW	Heating/Colder	SCOP/C	N/A	-

Cooling							
Declared capacity for cooling, at indoor temperature 27 (19) °C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27 (19) °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = 35℃	Pdc	9.40	kW	Tj = 35℃	EER d	2.97	-
Tj = 30℃	Pdc	6.93	kW	Tj = 30℃	EER d	4.69	-
Tj = 25℃	Pdc	4.45	kW	Tj = 25℃	EER d	6.36	-
Tj = 20℃	Pdc	4.21	kW	Tj = 20℃	EER d	10.03	-

Heating/Average							
Declared capacity for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance/Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = -7℃	Pdh	6.28	kW	Tj = -7℃	COPd	2.78	-
Tj = 2℃	Pdh	4.22	kW	Tj = 2℃	COPd	4.08	-
Tj = 7℃	Pdh	3.06	kW	Tj = 7℃	COPd	5.87	-
Tj = 12℃	Pdh	3.61	kW	Tj = 12℃	COPd	7.18	-
Tj = bivalent temperature	Pdh	7.11	kW	Tj = bivalent temperature	COPd	2.50	-
Tj = operating limit	Pdh	6.04	kW	Tj = operating limit	COPd	2.20	-

Heating/Warmer							
Declared capacity for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = 2℃	Pdh	N/A	kW	Tj = 2℃	COPd	N/A	-
Tj = 7℃	Pdh	N/A	kW	Tj = 7℃	COPd	N/A	-
Tj = 12℃	Pdh	N/A	kW	Tj = 12℃	COPd	N/A	-
Tj = bivalent temperature	Pdh	N/A	kW	Tj = bivalent temperature	COPd	N/A	-
Tj = operating limit	Pdh	N/A	kW	Tj = operating limit	COPd	N/A	-

Heating/Colder							
Declared capacity for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance/Colder season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = -7℃	Pdh	N/A	kW	Tj = -7℃	COPd	N/A	-
Tj = 2℃	Pdh	N/A	kW	Tj = 2℃	COPd	N/A	-
Tj = 7℃	Pdh	N/A	kW	Tj = 7℃	COP d	N/A	-
Tj = 12℃	Pdh	N/A	kW	Tj = 12℃	COP d	N/A	-
Tj = bivalent temperature	Pdh	N/A	kW	Tj = bivalent temperature	COP d	N/A	-
Tj = operating limit	Pdh	N/A	kW	Tj = operating limit	COP d	N/A	-
Tj=-15℃	Pdh	N/A	kW	Tj = -15℃	COP d	N/A	-

Bivalent temperature				Operating limit temperature			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heating/Average	Tbiv	-7	℃	Heating/Average	Tol	-15	℃
Heating/Warmer	Tbiv	N/A	℃	Heating/Warmer	Tol	N/A	℃
Heating/Colder	Tbiv	N/A	℃	Heating/Colder	Tol	N/A	℃

Cycling interval capacity				Cycling interval efficiency			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
For cooling	Pcycc	N/A	kW	For cooling	EERcyc	N/A	-
For heating	Pcych	N/A	kW	For heating	COPcyc	N/A	-
Degradation coefficient cooling	Cdc	0.25	-	Degradation coefficient heating	Cdh	0.25	-

Electric power input in power modes other than 'active mode'				Annual electricity consumption			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Off mode (Cooling/Heating)	P_{OFF}	5.0/5.0	W	Cooling	Q_{CE}	575	kWh/a
Standby mode (Cooling/Heating)	P_{SB}	5.0/5.0	W	Heating/Average	Q_{HE}	2373	kWh/a
Thermostat-off mode (Cooling/Heating)	P_{TO}	2.0/12.0	W	Heating/Warmer	Q_{HE}	N/A	kWh/a
Crankcase heater mode (Cooling/Heating)	P_{CK}	0.0/0.0	W	Heating/Colder	Q_{HE}	N/A	kWh/a

Capacity control		Other items			
Item	Y/N	Item	Symbol	Value	Unit
Fixed	No	Sound power level (Indoor/Outdoor)	L_{WA}	65.0/68.0	dB(A)
Staged	No	Global warming potential	GWP	1975	$kgCO_2eq.$
Variable	Yes	Rated air flow (Indoor/Outdoor)	-	1400/3800	m^3/h

Contact details for obtaining more information	FUJITSU GENERAL LIMITED 3-3-17, Suenaga, Takatsu-ku, Kawasaki, 213-8502, Japan

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