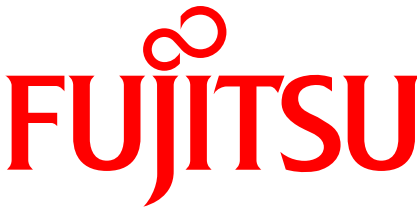


Split type air conditioner
Cassette type (60Hz)



SERVICE MANUAL



Indoor unit	Outdoor unit
AUU18RGLX	AOU18RGLX
AUU24RGLX	AOU24RGLX
AUU30RGLX	AOU30RGLX
AUU36RGLX	AOU36RGLX
AUU42RGLX	AOU42RGLX
AUU48RGLX	AOU48RGLX
UTG-GCGF	

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Specifications

Type				Cassette			
				Inverter, Heat pump			
Model name				AUU18RGLX	AUU24RGLX		
Power supply				208/230 V~ 60 Hz			
Power supply intake				Outdoor unit			
Available voltage range				187—253 V			
Capacity	Cooling	Rated		kW	5.28	7.03	
				Btu/h	18,000	24,000	
		Min.—Max.		kW	1.58—6.30	1.58—8.50	
	Heating	47°FDB (Outdoor temp.)	Rated	Btu/h	5,400—21,500	5,400—29,000	
				kW	6.15	7.91	
				Btu/h	21,000	27,000	
		17°FDB (Outdoor temp.) *1	Min.—Max.	kW	1.58—7.50	1.58—9.50	
				Btu/h	5,400—25,600	5,400—32,400	
				kW	3.60	4.81	
			5°FDB (Outdoor temp.) *2	Rated	Btu/h	12,300	16,400
					kW	5.83	7.47
					Btu/h	19,800	25,400
Input power	Cooling	Rated		kW	1.35	1.88	
		Min.—Max.			0.50—2.05	0.58—2.77	
		47°FDB (Outdoor temp.)	Rated		1.47	2.15	
	17°FDB (Outdoor temp.) *1				Rated	0.48—2.27	0.50—2.88
		5°FDB (Outdoor temp.) *2	Rated			1.15	1.72
					2.29	3.33	
	Fan	HIGH		W	16	21	
		MED			12	16	
		LOW			11	13	
		QUIET			7	9	
	Current	Cooling	Rated		A	6.1	8.4
		Heating				6.6	9.6
EER2		Cooling		kW/kW	3.93	3.75	
				Btu/hW	13.4	12.8	
COP2		Heating		kW/kW	4.18	3.70	
				Btu/hW	14.3	12.6	
SEER2					22.0	20.8	
HSPF2				Btu/hW	10.5	10.1	
Power factor	Cooling			%	97		
	Heating				97		
Moisture removal				pints/h (L/h)	4.6 (2.2)	6.1 (2.9)	
Maximum operating current *3		Cooling		A	13.6	15.6	
		Heating			14.1	16.1	
Fan	Airflow rate	Cooling	HIGH	CFM (m³/h)	618 (1,050)	677 (1,150)	
			MED		565 (960)	618 (1,050)	
			LOW		530 (900)	577 (980)	
			QUIET		459 (780)	512 (870)	
		Heating	HIGH		618 (1,050)	677 (1,150)	
			MED		565 (960)	618 (1,050)	
			LOW		530 (900)	577 (980)	
			QUIET		459 (780)	512 (870)	
	Type × Qty				Turbo fan × 1		
	Motor output				81		
	Sound pressure level *4		Cooling	HIGH	dB (A)	33	35
				MED		32	34
LOW				31		32	
QUIET				28		29	
Heating			HIGH	33		35	
			MED	32		34	
			LOW	31		32	
			QUIET	28		29	
Heat exchanger type		Dimensions (H × W × D)		in (mm)	Main 1: 8-1/4 × 83-3/4 × 1/2 (210 × 2,127 × 13.3) Main 2: 8-1/4 × 81-1/8 × 1/2 (210 × 2,061 × 13.3)		
		Fin pitch		FPI	21		
		Rows × Stages			2 × 10		
		Pipe type			Copper tube		
		Fin type			Aluminum		
Dimensions (H × W × D)	Net		in (mm)	9-11/16 × 33-1/16 × 33-1/16 (246 × 840 × 840)			
	Gross			11-3/4 × 37-13/16 × 37-3/8 (298 × 960 × 950)			
Weight	Net		lb (kg)	53 (24)			
	Gross			62 (28)			
Connection pipe	Size	Liquid	in (mm)	Ø1/4 (6.35)		Ø3/8 (9.52)	
		Gas		Ø1/2 (12.70)		Ø5/8 (15.88)	
Method				Flare			
Drain hose	Material				PVC		
	Tip diameter		in (mm)	Ø1 (25) (I.D.), Ø1-1/16 (26.6) (O.D.)			
Operation range		Cooling	°F (°C)	64 to 90 (18 to 32)			
			%RH	80 or less			
		Heating	°F (°C)	60 to 86 (16 to 30)			

Type				Cassette	
				Inverter, Heat pump	
Model name				AUU18RGLX	AUU24RGLX
Cassette grille (Option)	Material			PS	
	Color			UTG-GCGF: White Approximate color of Munsell N 9.25/ UTG-LCGVCB: Black Approximate color of Munsell N 2	
	Dimensions (H × W × D)	Net	in (mm)	2-1/16 × 37-3/8 × 37-3/8 (53 × 950 × 950)	
		Gross		4-5/16 × 39-3/8 × 39-3/4 (110 × 1,000 × 1,010)	
	Weight	Net	lb (kg)	13 (6)	
		Gross		22 (10)	
Remote controller (Option)				Wireless, Wired	
NOTES: <ul style="list-style-type: none">Specifications are based on the following conditions:<ul style="list-style-type: none">Cooling: Indoor temperature of 80°FDB (26.67°CDB)/67°FWB (19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°FWB (23.9°CWB).Heating: Indoor temperature of 70°FDB (21.11°CDB)/59°FWB (15°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°FWB (6.11°CWB).*1: Heating (17°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 17°FDB (-8.33°CDB)/15°FWB (-9.44°CWB).*2: Heating (5°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 5°FDB (-15.0°CDB)/4°FWB (-15.56°CWB).Test conditions are based on AHRI 210/240 2023.Pipe length: 24 ft 6 in (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.)Protective function might work when using it outside the operation range.*3: Maximum operating current is the total current of the indoor unit and the outdoor unit.*4: Sound pressure level<ul style="list-style-type: none">Measured values in manufacturer's anechoic chamber.Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.					

M condition						
Model name				AUU18RGLX		AUU24RGLX
Capacity	Cooling	Rated		kW	5.28	7.03
				Btu/h	18,000	24,000
		Min.—Max.		kW	1.58—6.30	1.58—8.50
				Btu/h	5,400—21,500	5,400—29,000
	Heating	47°FDB (Outdoor temp.)	Rated	kW	6.15	7.91
				Btu/h	21,000	27,000
			Min.—Max.	kW	1.58—7.50	1.58—9.50
				Btu/h	5,400—25,600	5,400—32,400
		17°FDB (Outdoor temp.) *	Rated	kW	3.60	4.81
				Btu/h	12,300	16,400
			Max.	kW	5.83	7.47
				Btu/h	19,800	25,400
Input power	Cooling	Rated		kW	1.35	1.88
					Min.—Max.	
		47°FDB (Outdoor temp.)	Rated			
					Min.—Max.	
	17°FDB (Outdoor temp.) *	Rated	1.15			
			HIGH		16	21
			MED		12	16
			LOW		11	13
	Fan	QUIET		7	9	
		Cooling	Rated	A	6.1	8.4
Heating					6.6	9.6
EER		Cooling	kW/kW	3.93	3.75	
			Btu/hW	13.4	12.8	
COP		Heating	kW/kW	4.19	3.69	
			Btu/hW	14.3	12.6	
SEER			Btu/hW	21.4	20.0	
HSPF				10.9	10.8	
Power factor	Cooling			%	97	
	Heating				97	

NOTES:

Specifications are based on the following conditions:

- Cooling: Indoor temperature of 80°FDB (26.67°CDB)/67°FWB (19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°FWB (23.9°CWB).
- Heating: Indoor temperature of 70°FDB (21.11°CDB)/59°FWB (15°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°FWB (6.11°CWB).
- *: Heating (17°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 17°FDB (-8.33°CDB)/15°FWB (-9.44°CWB).
- Test conditions are based on AHRI 210/240 2017.
- Pipe length: 24 ft 6 in (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.)

Type				Cassette				
				Inverter, Heat pump				
Model name				AUU30RGLX		AUU36RGLX		
Power supply				208/230 V~ 60 Hz				
Power supply intake				Outdoor unit				
Available voltage range				187—253 V				
Capacity	Cooling	Rated		kW	8.79	10.55		
				Btu/h	30,000	36,000		
		Min.—Max.		kW	2.81—10.26	2.81—11.43		
				Btu/h	9,600—35,000	9,600—39,000		
	Heating	47 °FDB (Outdoor temp.)	Rated	kW	9.38	10.55		
				Btu/h	32,000	36,000		
			Min.—Max.	kW	2.70—11.43	2.70—14.07		
				Btu/h	9,200—39,000	9,200—48,000		
		17°FDB (Outdoor temp.) *1	Rated	kW	5.92	6.80		
				Btu/h	20,200	23,200		
			Max.	kW	8.88	11.08		
				Btu/h	30,300	37,700		
5°FDB (Outdoor temp.) *2			Rated	kW	7.62	7.80		
				Btu/h	26,000	26,600		
Input power	Cooling	Rated		kW	2.57	3.60		
		Min.—Max.			0.60—3.33	0.60—3.94		
		47°FDB (Outdoor temp.)	Rated		2.38	2.73		
					0.52—3.27	0.52—4.19		
	Heating	17°FDB (Outdoor temp.) *1	Rated		1.96	2.25		
					3.31	3.36		
		5°FDB (Outdoor temp.) *2	Rated					
	Fan			HIGH		W	52	87
				MED			39	52
		LOW		31	39			
		QUIET		20	23			
Current	Cooling	Rated		A	11.5	16.1		
	Heating				10.7	12.2		
EER2		Cooling	kW/kW		3.42	2.92		
			Btu/hW		11.7	10.0		
COP2		Heating	kW/kW		3.96	3.86		
			Btu/hW		13.5	13.2		
SEER2					18.7	18.0		
HSPF2				Btu/hW	10.4	9.7		
Power factor	Cooling			%	97			
	Heating				97			
Moisture removal			pints/h (L/h)	6.3 (3.0)	7.8 (3.7)			
Maximum operating current *3		Cooling	A		15.6	17.6		
		Heating			16.1	19.1		
Fan	Airflow rate	Cooling	HIGH	CFM (m³/h)	942 (1,600)	1,118 (1,900)		
			MED		824 (1,400)	936 (1,590)		
			LOW		748 (1,270)	836 (1,420)		
			QUIET		677 (1,150)	695 (1,180)		
		Heating	HIGH		942 (1,600)	1,118 (1,900)		
			MED		824 (1,400)	936 (1,590)		
			LOW		748 (1,270)	836 (1,420)		
			QUIET		677 (1,150)	695 (1,180)		
			Type × Qty		Turbo fan × 1			
			Motor output		W	81		
	Sound pressure level *4		Cooling	HIGH	dB (A)	40	44	
				MED		38	41	
LOW				36		38		
QUIET				33		34		
Heating			HIGH	40		44		
			MED	38		41		
			LOW	36		38		
			QUIET	33		34		
Heat exchanger type		Dimensions (H × W × D)		in (mm)	Main 1: 9-15/16 × 83-3/4 × 1/2 (252 × 2,127 × 13.3) Main 2: 9-15/16 × 81-1/8 × 1/2 (252 × 2,061 × 13.3)			
		Fin pitch		FPI	21			
		Rows × Stages			2 × 12			
		Pipe type			Copper tube			
		Fin type			Aluminum			
Dimensions (H × W × D)	Net			in (mm)	11-5/16 × 33-1/16 × 33-1/16 (288 × 840 × 840)			
	Gross				13-3/8 × 37-13/16 × 37-3/8 (340 × 960 × 950)			
Weight	Net			lb (kg)	57 (26)			
	Gross				66 (30)			
Connection pipe	Size	Liquid		in (mm)	Ø3/8 (9.52)			
		Gas			Ø5/8 (15.88)			
Drain hose	Method			Flare				
	Material			PVC				
Operation range	Tip diameter			in (mm)	Ø1 (25) (I.D.), Ø1-1/16 (26.6) (O.D.)			
		Cooling			°F (°C)	64 to 90 (18 to 32)		
Cassette grille (Option)	Material				°F (°C)			
					80 or less			
	Color				60 to 86 (16 to 30)			
					PS			
					UTG-GCGF: White			
					Approximate color of Munsell N 9.25/ UTG-LCGVCB: Black			
	Dimensions (H × W × D)	Net	in (mm)	Approximate color of Munsell N 2				
		Gross		2-1/16 × 37-3/8 × 37-3/8 (53 × 950 × 950)				
	Weight	Net	lb (kg)	4-5/16 × 39-3/8 × 39-3/4 (110 × 1,000 × 1,010)				
		Gross		13 (6)				
Remote controller (Option)					22 (10)			
					Wireless, Wired			

Type	Cassette	
	Inverter, Heat pump	
Model name	AUU30RGLX	AUU36RGLX
NOTES: <ul style="list-style-type: none"> Specifications are based on the following conditions: <ul style="list-style-type: none"> Cooling: Indoor temperature of 80°FDB (26.67°CDB)/67°FWB (19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°FWB (23.9°CWB). Heating: Indoor temperature of 70°FDB (21.11°CDB)/59°FWB (15°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°FWB (6.11°CWB). *1: Heating (17°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 17°FDB (-8.33°CDB)/15°FWB (-9.44°CWB). *2: Heating (5°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 5°FDB (-15.0°CDB)/4°FWB (-15.56°CWB). Test conditions are based on AHRI 210/240 2023. Pipe length: 24 ft 6 in (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.) Protective function might work when using it outside the operation range. *3: Maximum operating current is the total current of the indoor unit and the outdoor unit. *4: Sound pressure level <ul style="list-style-type: none"> Measured values in manufacturer's anechoic chamber. Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. 		

M condition						
Model name				AUU30RGLX		AUU36RGLX
Capacity	Cooling	Rated		kW	8.79	10.55
				Btu/h	30,000	36,000
		Min.—Max.		kW	2.81—10.26	2.81—11.43
				Btu/h	9,600—35,000	9,600—39,000
	Heating	47 °FDB (Outdoor temp.)	Rated	kW	9.38	10.55
				Btu/h	32,000	36,000
			Min.—Max.	kW	2.70—11.43	2.70—14.07
				Btu/h	9,200—39,000	9,200—48,000
		17°FDB (Outdoor temp.) *	Rated	kW	5.92	6.80
				Btu/h	20,200	23,200
			Max.	kW	8.88	11.08
				Btu/h	30,300	37,700
Input power	Cooling	Rated		kW	2.57	3.60
		Min.—Max.			0.60—3.33	0.60—3.94
	Heating	47°FDB (Outdoor temp.)	Rated		2.38	2.73
					0.52—3.27	0.52—4.19
		17°FDB (Outdoor temp.) *	Rated		1.96	2.25
	Fan					
	HIGH		W	52	87	
	MED			39	52	
	LOW			31	39	
	QUIET			20	23	
Current	Cooling	Rated		A	11.5	16.1
	Heating				10.7	12.2
EER		Cooling		kW/kW	3.42	2.92
				Btu/hW	11.7	10.0
COP		Heating		kW/kW	3.96	3.85
				Btu/hW	13.5	13.2
SEER					18.6	17.5
HSPF				Btu/hW	11.5	11.2
Power factor	Cooling			%	97	
	Heating				97	
NOTES:						
<ul style="list-style-type: none">Specifications are based on the following conditions:<ul style="list-style-type: none">— Cooling: Indoor temperature of 80°FDB (26.67°CDB)/67°FWB (19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°FWB (23.9°CWB).— Heating: Indoor temperature of 70°FDB (21.11°CDB)/59°FWB (15°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°FWB (6.11°CWB).— *: Heating (17°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 17°FDB (-8.33°CDB)/15°FWB (-9.44°CWB).— Test conditions are based on AHRI 210/240 2017.— Pipe length: 24 ft 6 in (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.)						

Type				Cassette		
				Inverter, Heat pump		
Model name				AUU42RGLX	AUU48RGLX	
Power supply				208/230 V~ 60 Hz		
Power supply intake				Outdoor unit		
Available voltage range				187—253 V		
Capacity	Cooling	Rated		kW	12.31	14.07
				Btu/h	42,000	48,000
		Min.—Max.		kW	5.01—13.19	5.01—14.65
	Heating	47 °FDB (Outdoor temp.)	Rated	Btu/h	17,100—45,000	17,100—50,000
				kW	13.77	15.50
				Btu/h	47,000	53,000
		17°FDB (Outdoor temp.) *1	Min.—Max.	kW	5.28—14.95	5.28—16.12
				Btu/h	18,000—51,000	18,000—55,000
				kW	8.62	9.20
		5°FDB (Outdoor temp.) *2	Rated	Btu/h	29,400	31,400
				kW	12.02	12.48
				Btu/h	41,000	42,600
	Max.	kW	9.96	10.32		
		Btu/h	34,000	35,200		
		kW	10.56	10.58		
Input power	Cooling	Rated			3.72	4.75
		Min.—Max.			0.63—4.35	0.63—4.91
	Heating	47°FDB (Outdoor temp.)	Rated	kW	3.74	4.49
				Min.—Max.		0.55—4.39
		17°FDB (Outdoor temp.) *1	Max.		3.10	3.57
					4.38	4.66
		5°FDB (Outdoor temp.) *2	Max.		4.37	4.69
					4.39	4.66
	Fan	HIGH		W	106	129
		MED			60	95
		LOW			45	55
		QUIET			30	34
Current	Cooling	Rated		A	16.7	20.9
	Heating				16.8	19.7
EER2		Cooling	kW/kW	3.31	2.96	
			Btu/hW	11.3	10.1	
COP2		Heating	kW/kW	3.68	3.46	
			Btu/hW	12.6	11.8	
SEER2				Btu/hW	19.0	18.2
HSPF2					9.8	9.0
Power factor	Cooling			%	97	
	Heating				97	
Moisture removal			pints/h (L/h)	9.3 (4.4)	10.6 (5.0)	
Maximum operating current *3		Cooling		A	19.7	22.2
		Heating			19.7	20.7
Fan	Airflow rate	Cooling	HIGH	CFM (m³/h)	1,177 (2,000)	1,236 (2,100)
			MED		971 (1,650)	1,048 (1,780)
			LOW		859 (1,460)	942 (1,600)
			QUIET		765 (1,300)	777 (1,320)
		Heating	HIGH		1,177 (2,000)	1,236 (2,100)
			MED		971 (1,650)	1,048 (1,780)
			LOW		859 (1,460)	942 (1,600)
			QUIET		765 (1,300)	777 (1,320)
	Type × Qty		Turbo fan × 1			
	Motor output		W			
Sound pressure level *4		Cooling	HIGH	dB (A)	46	47
			MED		42	43
			LOW		39	40
			QUIET		35	36
		Heating	HIGH		46	47
			MED		42	43
			LOW		39	40
			QUIET		35	36
Heat exchanger type		Dimensions (H × W × D)		in (mm)	Main 1: 9-15/16 × 83-7/8 × 1/2 (252 × 2,131 × 13.3) Main 2: 9-15/16 × 81-1/4 × 1/2 (252 × 2,064 × 13.3) Main 3: 9-15/16 × 78-11/16 × 1/2 (252 × 1,999 × 13.3)	
		Fin pitch		FPI	20	
		Rows × Stages		3 × 12		
		Pipe type		Copper tube		
		Fin type		Aluminum		
Dimensions (H × W × D)		Net		in (mm)	11-5/16 × 33-1/16 × 33-1/16 (288 × 840 × 840)	
		Gross			13-3/8 × 37-13/16 × 37-3/8 (340 × 960 × 950)	
Weight		Net		lb (kg)	64 (29)	
		Gross			73 (33)	
Connection pipe		Size	Liquid	in (mm)	Ø3/8 (9.52)	
			Gas		Ø5/8 (15.88)	
		Method		Flare		
Drain hose		Material		PVC		
		Tip diameter		in (mm)	Ø1 (25) (I.D.), Ø1-1/16 (26.6) (O.D.)	
Operation range		Cooling		°F (°C)	64 to 90 (18 to 32)	
		Heating		%RH	80 or less	
				°F (°C)	60 to 86 (16 to 30)	

Type				Cassette	
				Inverter, Heat pump	
Model name				AUU42RGLX	AUU48RGLX
Cassette grille (Option)	Material			PS	
	Color			UTG-GCGF: White Approximate color of Munsell N 9.25/ UTG-LCGVCB: Black Approximate color of Munsell N 2	
	Dimensions (H × W × D)	Net	in (mm)	2-1/16 × 37-3/8 × 37-3/8 (53 × 950 × 950)	
		Gross		4-5/16 × 39-3/8 × 39-3/4 (110 × 1,000 × 1,010)	
	Weight	Net	lb (kg)	13 (6)	
		Gross		22 (10)	
Remote controller (Option)				Wireless, Wired	
NOTES: <ul style="list-style-type: none">Specifications are based on the following conditions:<ul style="list-style-type: none">Cooling: Indoor temperature of 80°FDB (26.67°CDB)/67°FWB (19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°FWB (23.9°CWB).Heating: Indoor temperature of 70°FDB (21.11°CDB)/59°FWB (15°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°FWB (6.11°CWB).*1: Heating (17°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 17°FDB (-8.33°CDB)/15°FWB (-9.44°CWB).*2: Heating (5°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 5°FDB (-15.0°CDB)/4°FWB (-15.56°CWB).Test conditions are based on AHRI 210/240 2023.Pipe length: 24 ft 6 in (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.)Protective function might work when using it outside the operation range.*3: Maximum operating current is the total current of the indoor unit and the outdoor unit.*4: Sound pressure level<ul style="list-style-type: none">Measured values in manufacturer's anechoic chamber.Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.					

M condition									
Model name				AUU42RGLX		AUU48RGLX			
Capacity	Cooling	Rated		kW	12.31	14.07			
				Btu/h	42,000	48,000			
		Min.—Max.		kW	5.01—13.19	5.01—14.65			
				Btu/h	17,100—45,000	17,100—50,000			
	Heating	47 °FDB (Outdoor temp.)	Rated	kW	13.77	15.50			
			Min.—Max.	Btu/h	47,000	53,000			
				kW	5.28—14.95	5.28—16.12			
				Btu/h	18,000—51,000	18,000—55,000			
		17°FDB (Outdoor temp.) *	Rated	kW	8.62	9.20			
			Max.	Btu/h	29,400	31,400			
				kW	12.02	12.48			
				Btu/h	41,000	42,600			
Input power	Cooling	Rated		kW	3.72	4.75			
					Min.—Max.		0.63—4.35	0.63—4.91	
		Heating	47°FDB (Outdoor temp.)				Rated	3.74	4.49
					Min.—Max.		0.55—4.39	0.55—4.67	
	17°FDB (Outdoor temp.) *		Rated				3.10	3.57	
			Max.		4.38	4.66			
		Fan			HIGH		W	106	129
					MED			60	95
	LOW		45	55					
	QUIET		30	34					
	Current	Cooling	Rated		A	16.7	20.9		
		Heating				16.8	19.7		
EER		Cooling	kW/kW		3.31	2.96			
			Btu/hW		11.3	10.1			
COP		Heating	kW/kW		3.68	3.46			
			Btu/hW		12.6	11.8			
SEER				Btu/hW	18.5	17.8			
HSPF					9.7	10.6			
Power factor	Cooling			%	97				
	Heating				97				

NOTES:
 Specifications are based on the following conditions:

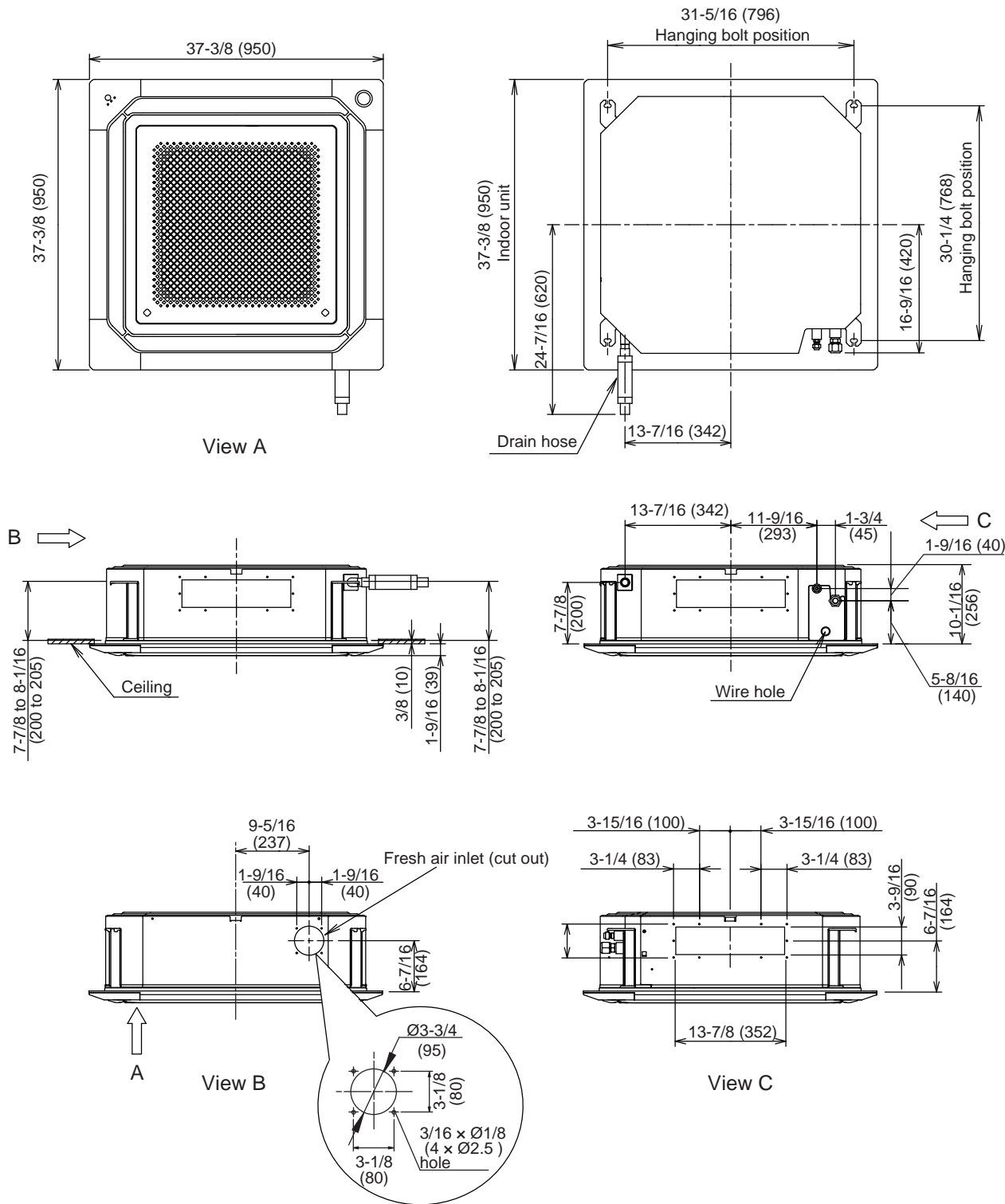
- Cooling: Indoor temperature of 80°FDB (26.67°CDB)/67°FWB (19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°FWB (23.9°CWB).
- Heating: Indoor temperature of 70°FDB (21.11°CDB)/59°FWB (15°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°FWB (6.11°CWB).
- *: Heating (17°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 17°FDB (-8.33°CDB)/15°FWB (-9.44°CWB).
- Test conditions are based on AHRI 210/240 2017.
- Pipe length: 24 ft 6 in (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.)

Type				Inverter, Heat pump				
Model name				AOU18RGLX	AOU24RGLX	AOU30RGLX	AOU36RGLX	
Power supply				208/230 V~ 60 Hz				
Power supply intake				Outdoor unit				
Available voltage range				187—253 V				
Starting current			A	6.6	9.6	11.5	16.1	
Fan	Airflow rate	Cooling	CFM (m³/h)	1,177 (2,000)	2,119 (3,600)		2,237 (3,800)	
		Heating		1,489 (2,530)	2,119 (3,600)		2,237 (3,800)	
	Type × Qty				Propeller × 1			
	Motor output		W	100				
Sound pressure level *		Cooling	dB (A)	47	53		54	
		Heating		50	55		56	
Heat exchanger type		Dimensions (H × W × D)	in (mm)	31-7/16 × 35-7/16 × 1-7/16 (798 × 900 × 36.4)				
		Fin pitch	FPI	20				
		Rows × Stages	2 × 38					
		Pipe type	Copper					
		Fin	Type (Material)	Aluminum				
			Surface treatment	Blue fin				
Compressor	Type				DC twin rotary			
	Motor output	W	2,100					
Refrigerant		Type	R410A					
		Charge	lb oz	4 lb 10 oz				
			g	2,100				
Refrigerant oil		Type	POE (RB68)					
		Amount	in³ (cm³)	48.8 (800)				
Enclosure		Material	Steel					
		Color	Beige					
			Approximate color of Munsell 10YR 7.5/1.0					
Dimensions (H × W × D)	Net	in (mm)	32-11/16 × 35-7/16 × 13 (830 × 900 × 330)					
	Gross		39-3/8 × 41-5/16 × 17-1/2 (1,000 × 1,050 × 445)					
Weight	Net	lb (kg)	134 (61)					
	Gross		152 (69)					
Connection pipe	Size	Liquid	in (mm)	Ø1/4 (6.35)	Ø3/8 (9.52)			
		Gas		Ø1/2 (12.70)	Ø5/8 (15.88)			
	Method	Flare						
	Pre-charge length	ft (m)	66 (20)					
	Max. length		164 (50)					
	Max. height difference		98 (30)					
	Operation range		Cooling	°F (°C)	-5 to 115 (-21 to 46)			
			Heating		-5 to 75 (-21 to 24)			
Drain hose	Material				LDPE			
	Tip diameter	in (mm)	Ø1/2 (Ø13.0) (I.D.), Ø5/8 to Ø11/16 (Ø16.0 to Ø16.7) (O.D.)					
NOTES:								
<ul style="list-style-type: none">Specifications are based on the following conditions:<ul style="list-style-type: none">Cooling: Indoor temperature of 80°FDB (26.67°CDB)/67°F WB (19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°F WB (23.9°CWB).Heating: Indoor temperature of 70°FDB (21.11°CDB)/59°F WB (15°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°F WB (6.11°CWB).Pipe length: 24 ft 6 in (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.)Protective function might work when using it outside the operation range.*: Sound pressure level<ul style="list-style-type: none">Measured values in manufacturer's anechoic chamber.Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.								

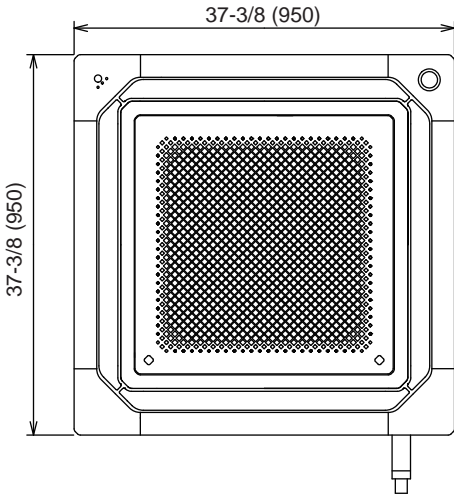
Type				Inverter, Heat pump	
Model name				AOU42RGLX	AOU48RGLX
Power supply				208/230 V~ 60 Hz	
Power supply intake				Outdoor unit	
Available voltage range				187—253 V	
Starting current			A	16.8	20.9
Fan	Airflow rate	Cooling	CFM (m³/h)	3,973 (6,750)	4,061 (6,900)
		Heating		3,649 (6,200)	4,091 (6,950)
	Type × Qty				Propeller × 2
Motor output		W	81		
Sound pressure level *		Cooling	dB (A)	55	57
		Heating		57	59
Heat exchanger type		Dimensions (H × W × D)	in (mm)	Main 1: 31-7/16 × 35-7/16 × 1-7/16 (798 × 900 × 36.4) Main 2: 18-3/16 × 35-7/16 × 1-7/16 (462 × 900 × 36.4)	
		Fin pitch	FPI	20	
		Rows × Stages		Main 1: 2 × 22 Main 2: 2 × 38	
		Pipe type		Copper	
		Fin	Type (Material)	Aluminum	
			Surface treatment	Blue fin	
Compressor	Type	DC twin rotary			
	Motor output		W	3,750	
Refrigerant		Type	R410A		
		Charge	lb oz	7 lb 10 oz	
			g	3,450	
Refrigerant oil		Type	POE (VG74)		
		Amount	in³ (cm³)	94.6 (1,550)	
Enclosure		Material	Steel		
		Color	Beige		
		Approximate color of Munsell 10YR 7.5/1.0			
Dimensions (H × W × D)	Net		in (mm)	50-13/16 × 35-7/16 × 13 (1,290 × 900 × 330)	
	Gross			57-1/2 × 41-5/16 × 17-1/2 (1,460 × 1,050 × 445)	
Weight	Net		lb (kg)	209 (95)	
	Gross			231 (105)	
Connection pipe	Size	Liquid	in (mm)	Ø3/8 (9.52)	
		Gas		Ø5/8 (15.88)	
	Method		ft (m)	Flare	
	Pre-charge length			98 (30)	
	Max. length			246 (75)	
	Max. height difference			98 (30)	
Operation range		Cooling	°F (°C)	-5 to 115 (-21 to 46)	
		Heating		-5 to 75 (-21 to 24)	
Drain hose	Material		LDPE		
	Tip diameter		in (mm)	Ø1/2 (Ø13.0) (I.D.), Ø5/8 to Ø11/16 (Ø16.0 to Ø16.7) (O.D.)	
NOTES:					
<ul style="list-style-type: none">Specifications are based on the following conditions:<ul style="list-style-type: none">Cooling: Indoor temperature of 80°FDB(26.67°CDB)/67°FWB(19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°FWB (23.9°CWB).Heating: Indoor temperature of 70°FDB (21.11°CDB)/59°FWB (15°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°FWB (6.11°CWB).Pipe length: 24 ft 6 in (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.)Protective function might work when using it outside the operation range.*: Sound pressure level<ul style="list-style-type: none">Measured values in manufacturer's anechoic chamber.Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.					

Dimensions

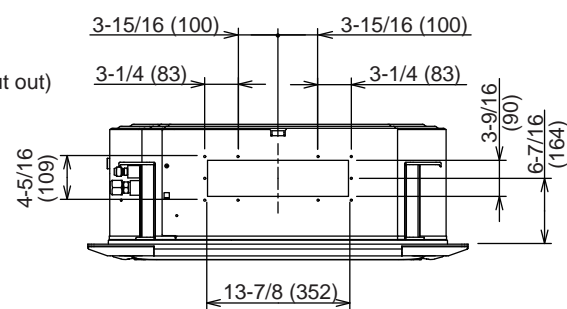
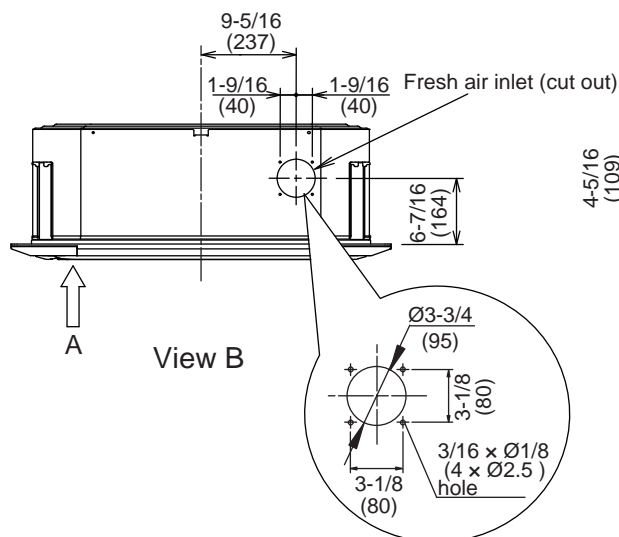
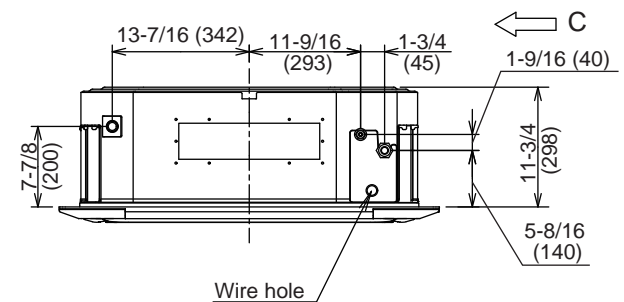
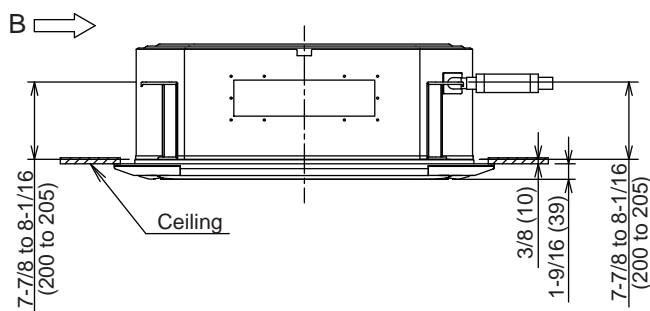
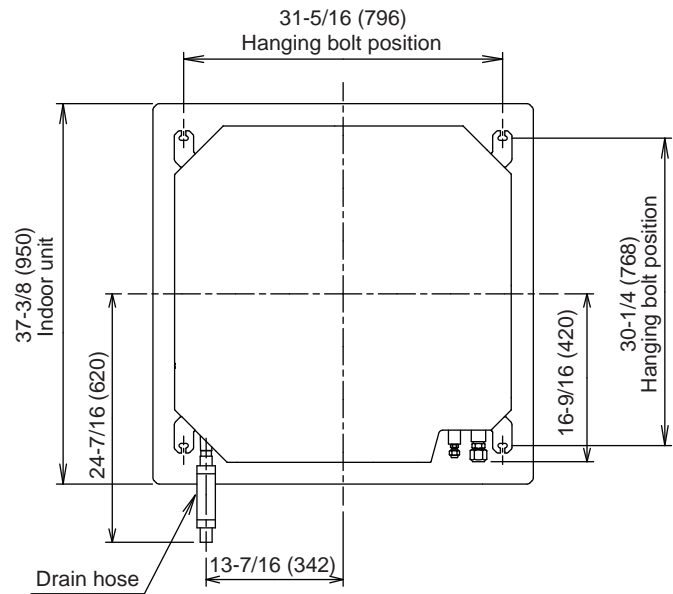
Models: AUU18RGLX and AUU24RGLX



Models: AUU30RGLX, AUU36RGLX, AUU42RGLX, and AUU48RGLX



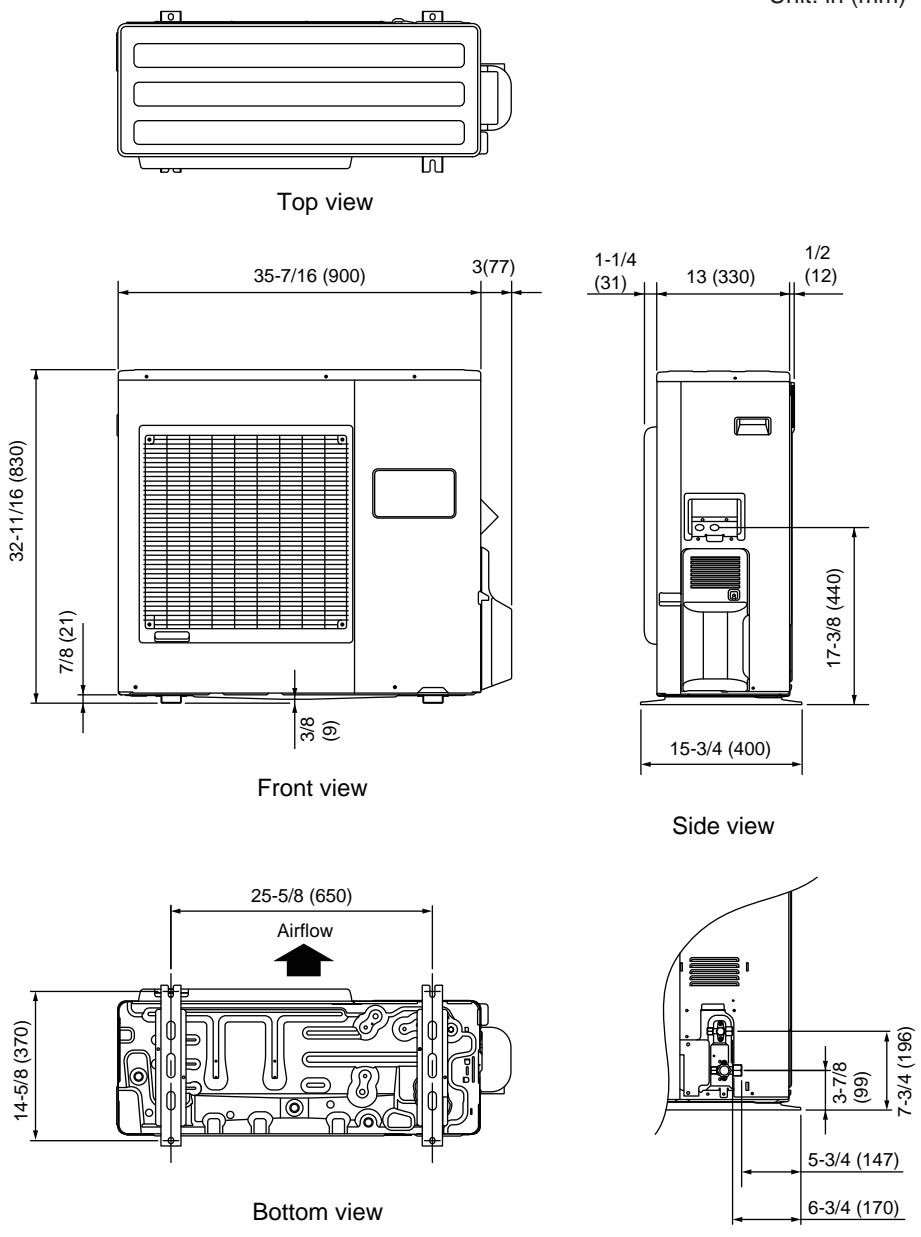
View A



View C

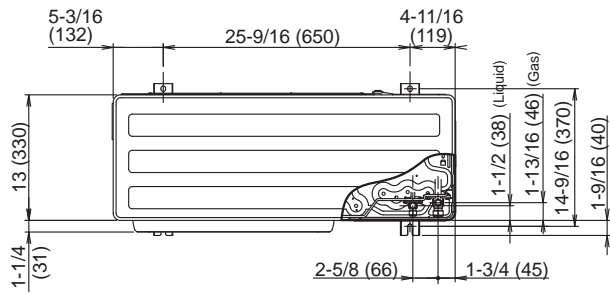
Models: AOU18RGLX, AOU24RGLX, AOU30RGLX, and AOU36RGLX

Unit: in (mm)

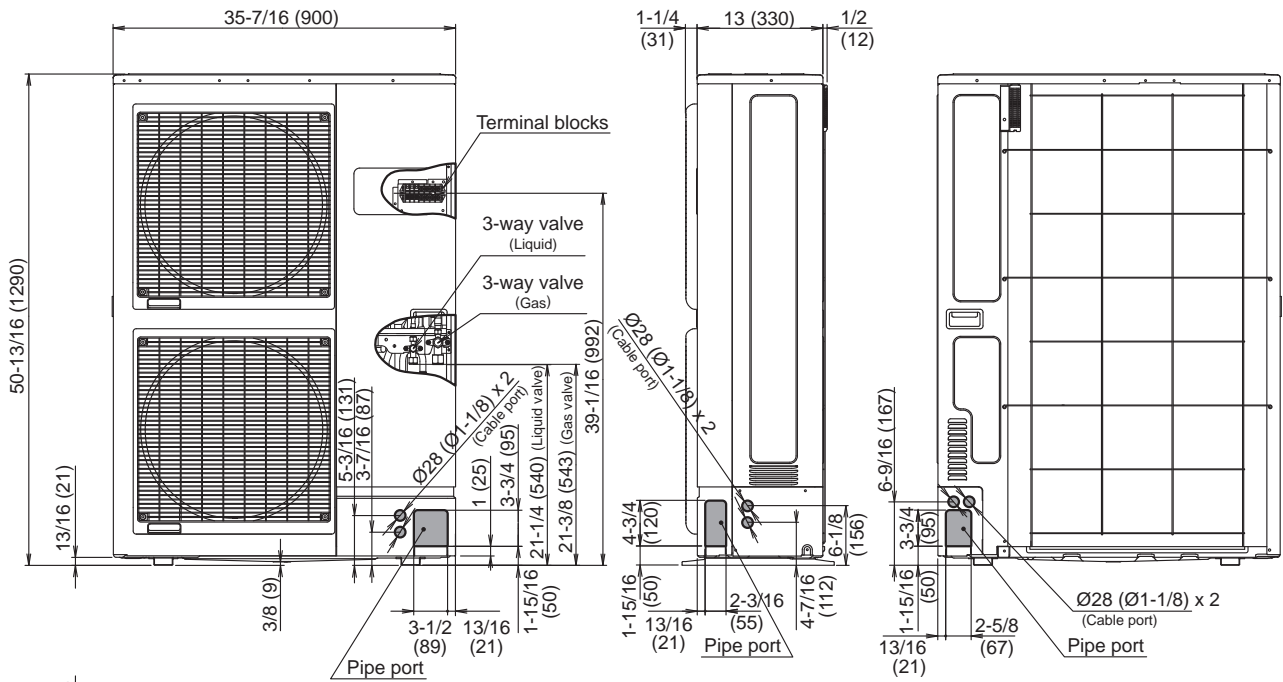


Models: AOU42RGLX and AOU48RGLX

Unit: in (mm)



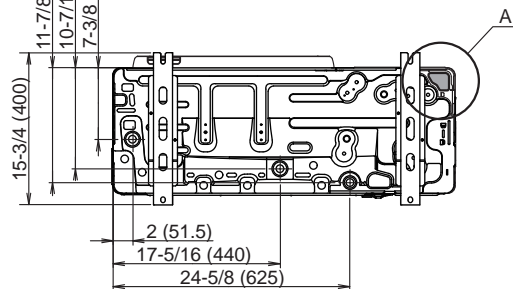
Top view



Front view

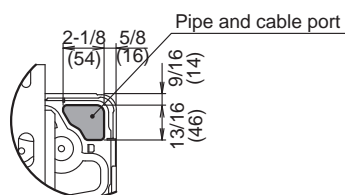
Side view

Rear view



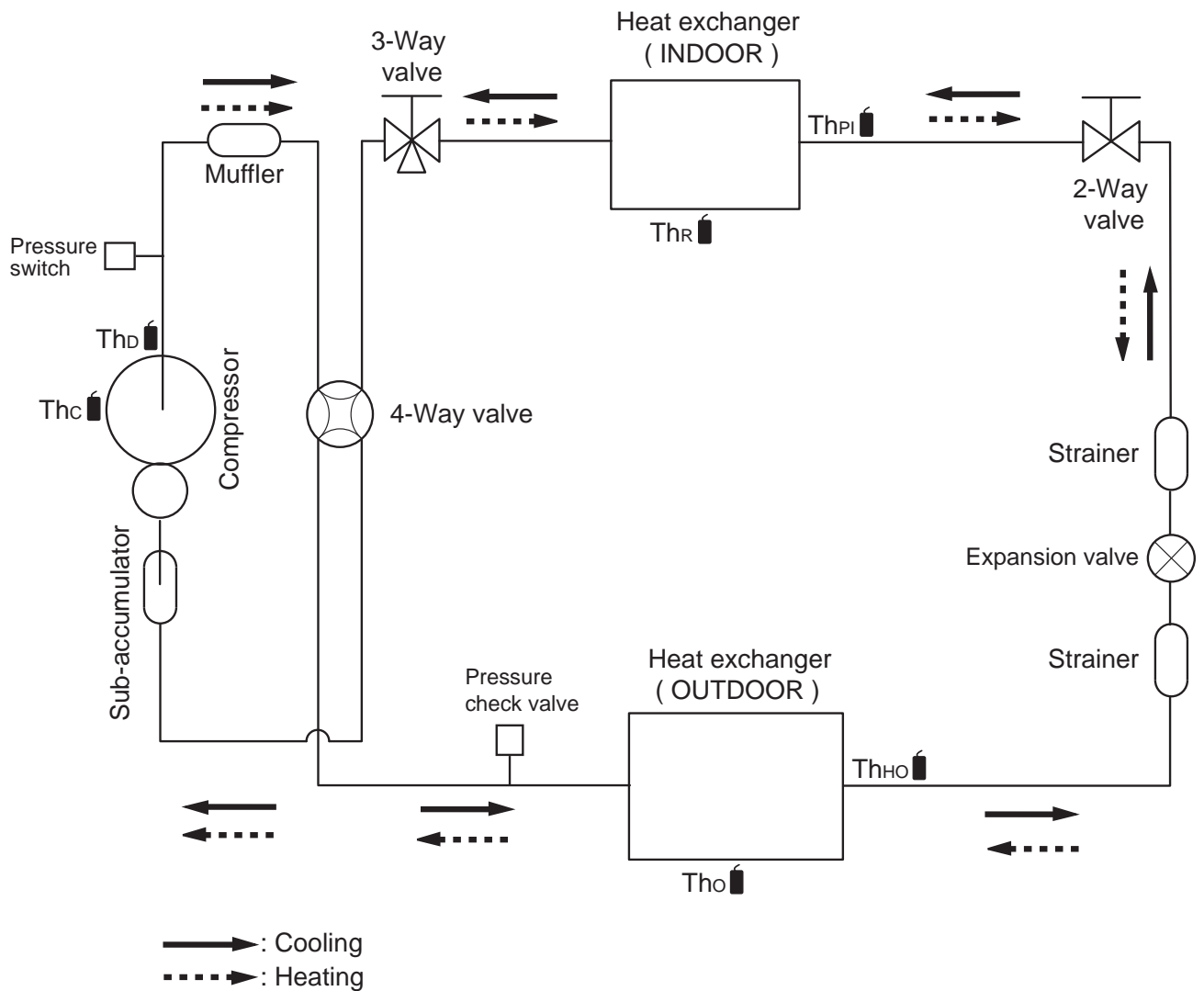
Bottom view

Detail A



Refrigerant circuit

Models: AOU18RGLX, AOU24RGLX, AOU30RGLX, and AOU36RGLX



Thc: Thermistor (Compressor temperature)

ThD: Thermistor (Discharge temperature)

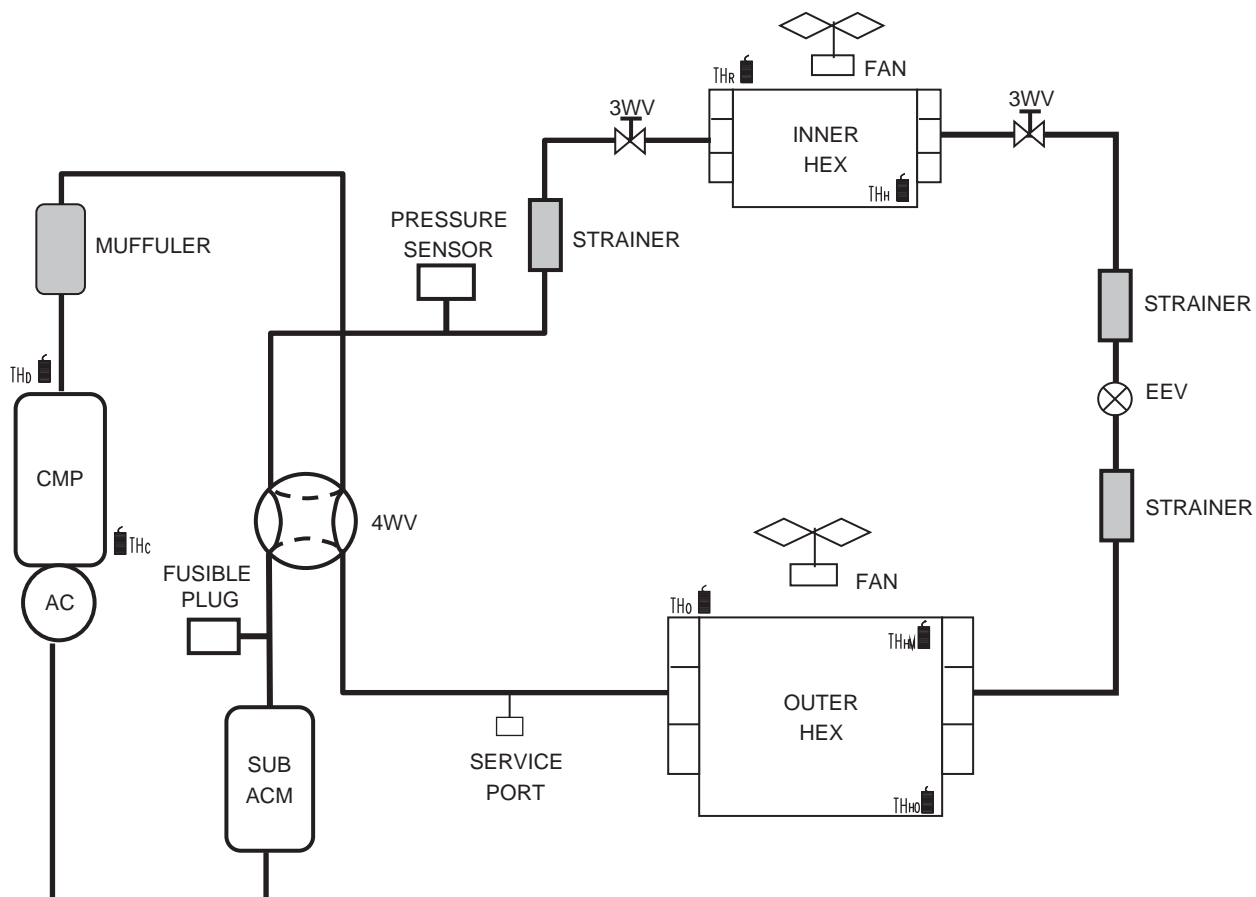
Tho: Thermistor (Outdoor temperature)

ThHO: Thermistor (Heat Exchanger Out temperature)

ThR: Thermistor (Room temperature)

ThPI: Thermistor (Pipe temperature)

Models: AOU42RGLX and AOU48RGLX



THc: Thermistor (Compressor temperature)

THo: Thermistor (Discharge temperature)

THH: Thermistor (Heat Exchanger Med temperature)

THHo: Thermistor (Heat Exchanger Out temperature)

THo: Thermistor (Outdoor temperature)

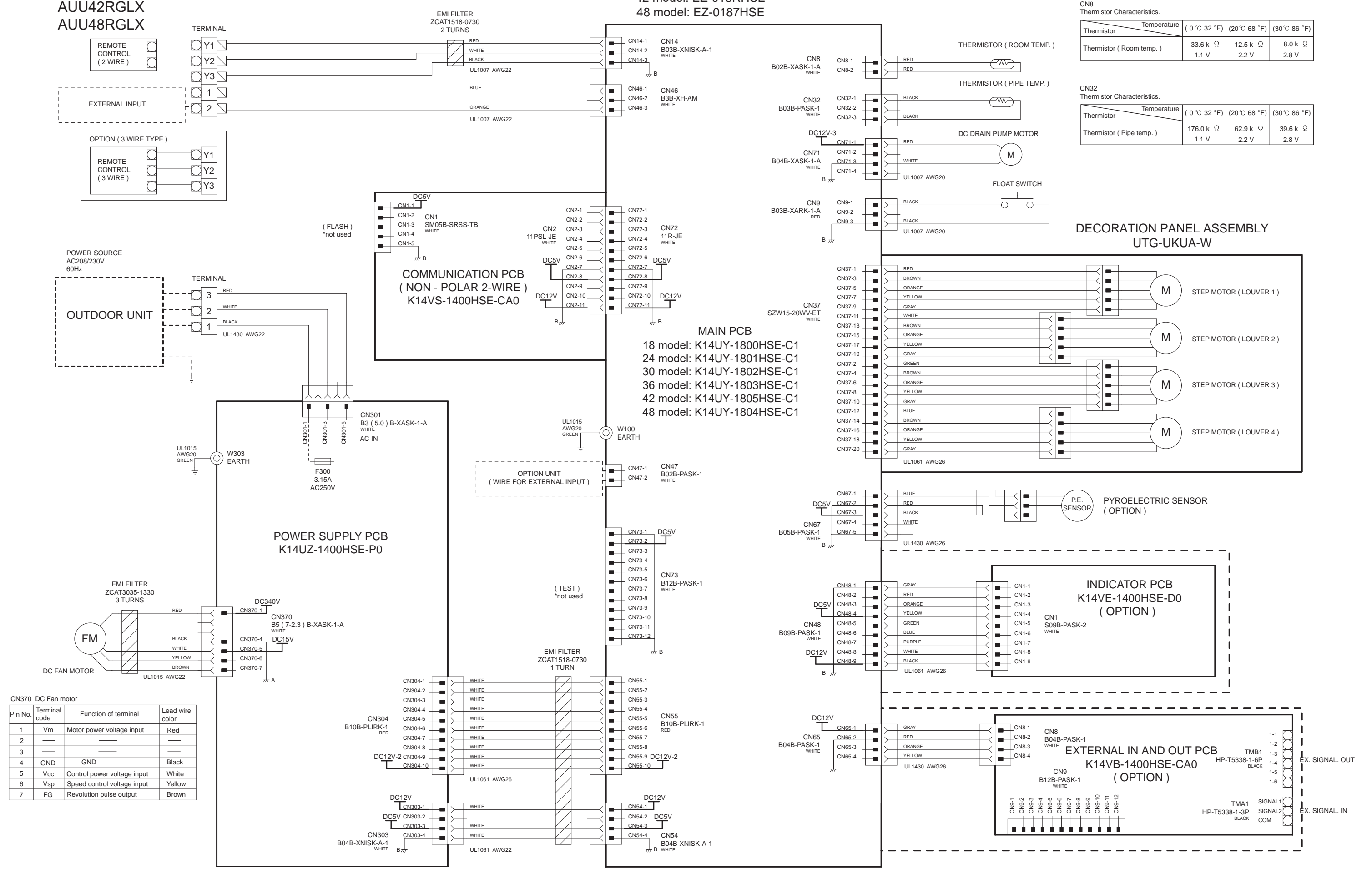
THr: Thermistor (Room temperature)

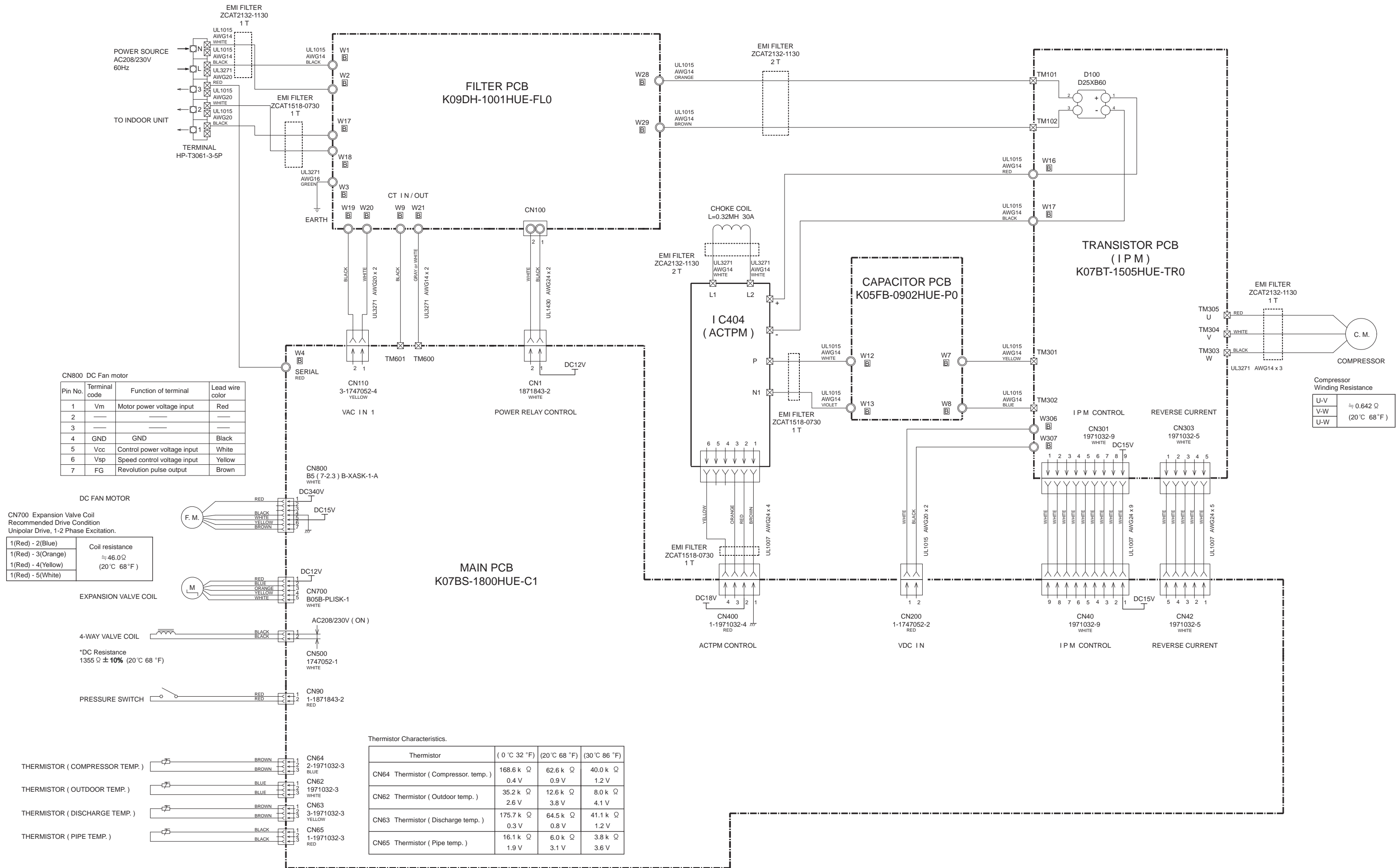
THH: Thermistor (Heat exchanger temperature)

PCB CIRCUIT DIAGRAM

Models: AUU18RGLX
AUU24RGLX
AUU30RGLX
AUU36RGLX
AUU42RGLX
AUU48RGLX

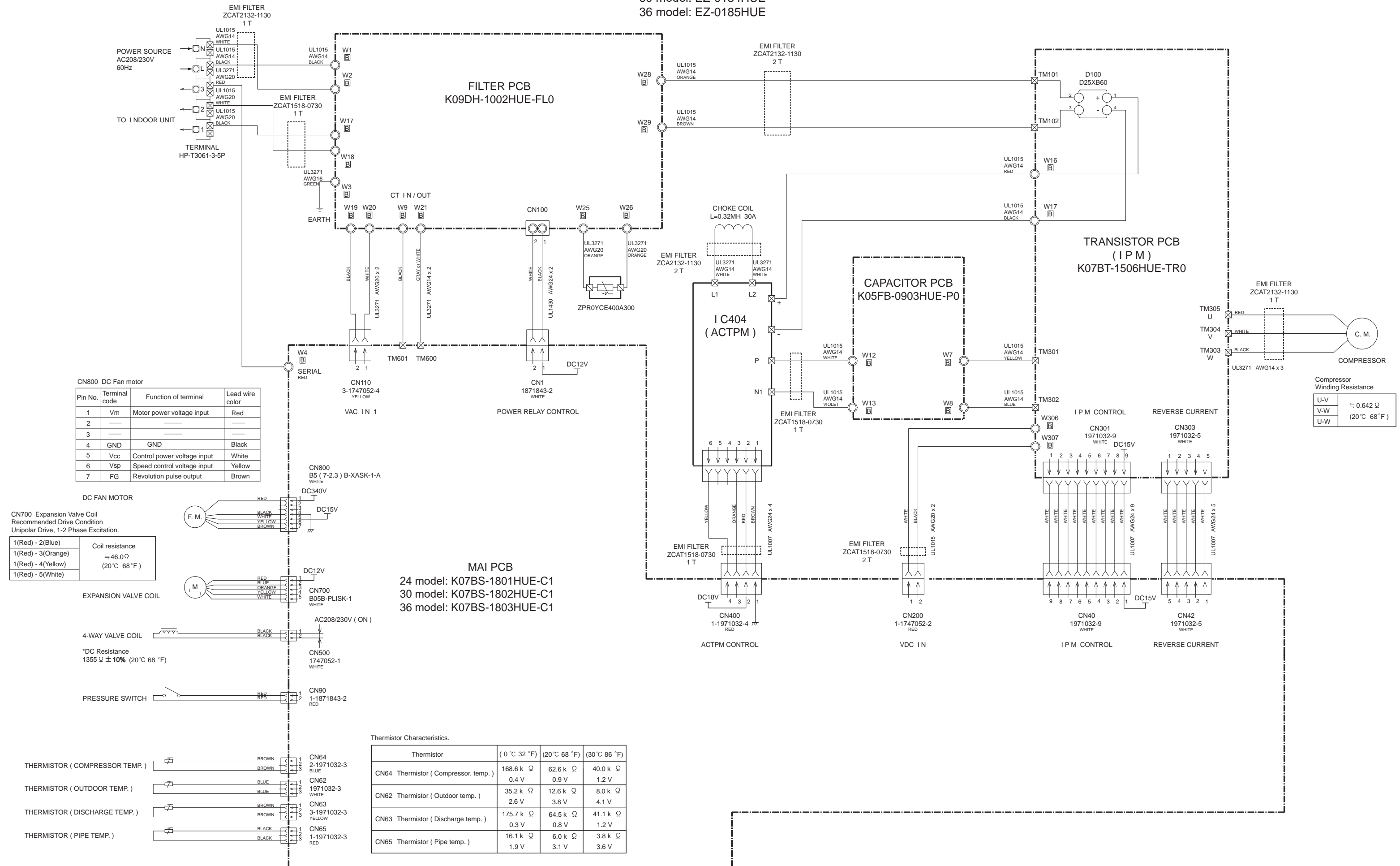
CONTROL UNIT
18 model: EZ-0183HSE
24 model: EZ-0184HSE
30 model: EZ-0185HSE
36 model: EZ-0186HSE
42 model: EZ-018RHSE
48 model: EZ-0187HSE



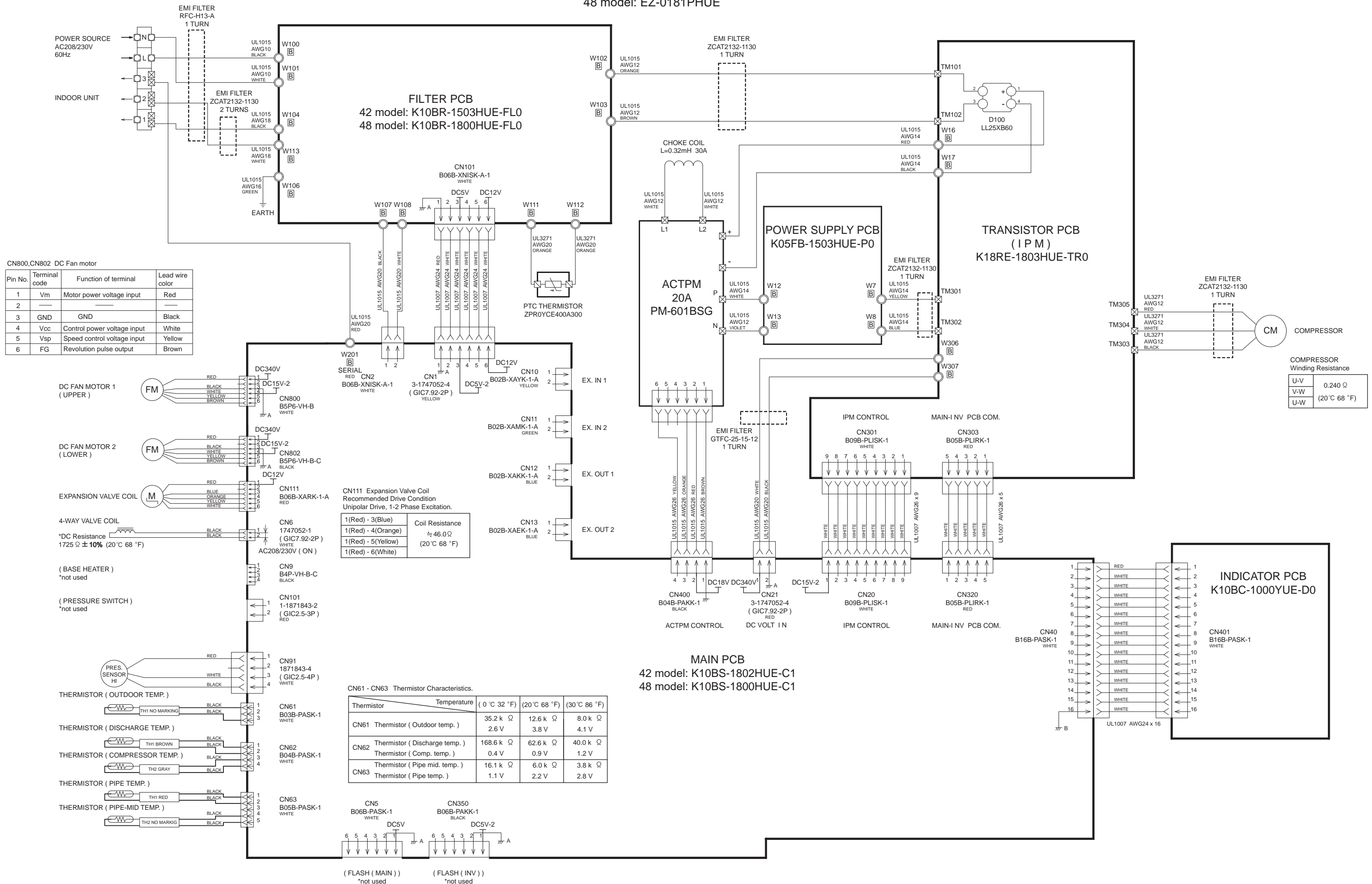


Models : AOU24RGLX
AOU30RGLX
AOU36RGLX

INVERTER ASSEMBLY
24 model: EZ-0183HUE
30 model: EZ-0184HUE
36 model: EZ-0185HUE



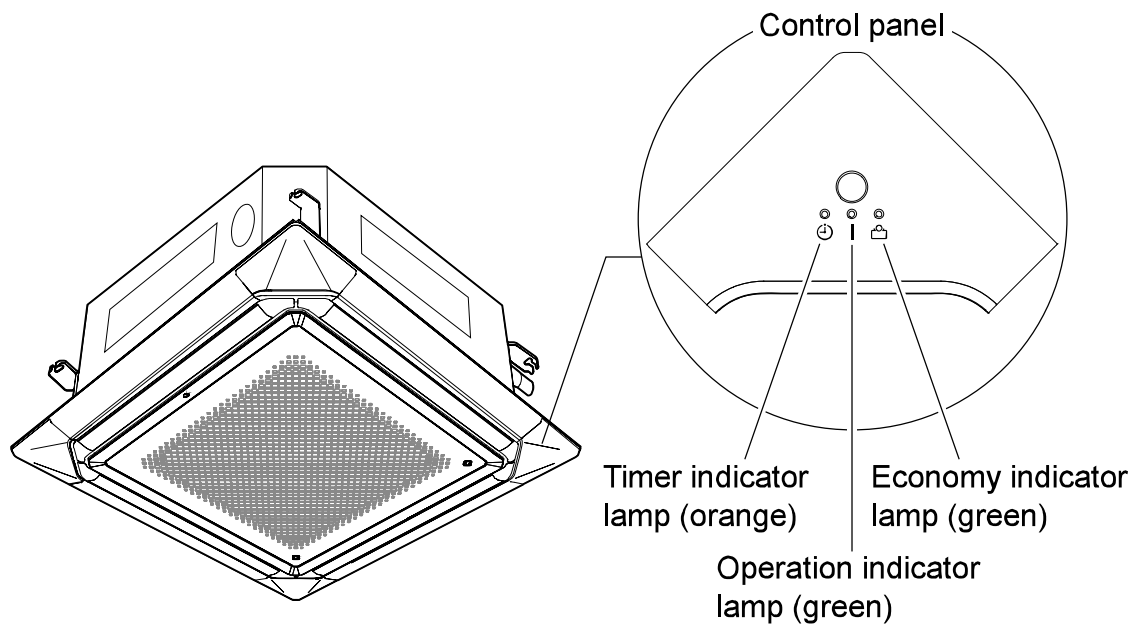
48 model: EZ-0181PHUE



ERROR CODE

If you use a wired type remote controller, error codes will appear on the remote controller display. For more information, refer to the installation manual of the remote controller. If you use a wireless remote controller, the lamps on the IR receiver unit will output error codes by way of blinking patterns. Refer to the lamp blinking patterns and error codes in the table below. An error display is displayed only during operation.

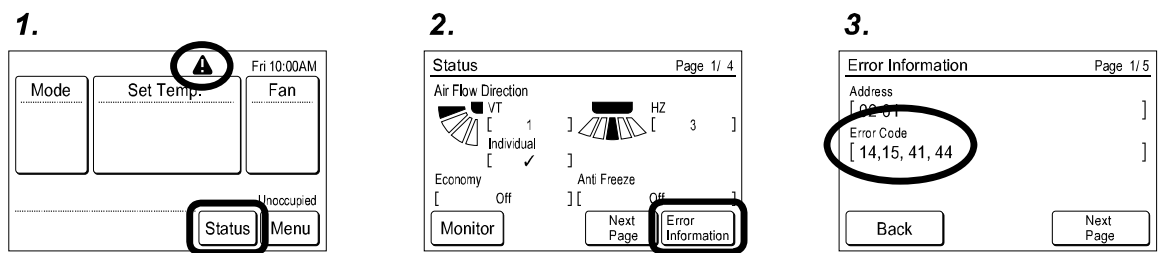
[Error code display on the indoor unit (option)]



[Error code display on the wired remote controller (option)]

Check the error

1. If an error occurs, an error icon appears on the “Monitor mode screen”. Touch the [Status] on the “Monitor mode screen”. The “Status” screen is displayed.
2. Touch the [Error Information] on the “Status” screen. The “Error Information” screen is displayed. (If there are no errors, the [Error Information] will not be displayed.)
3. 2-digit numbers correspond to the error code in the table below. Touch the [Next page] (or [Previous page]) to switch to other connected indoor units.



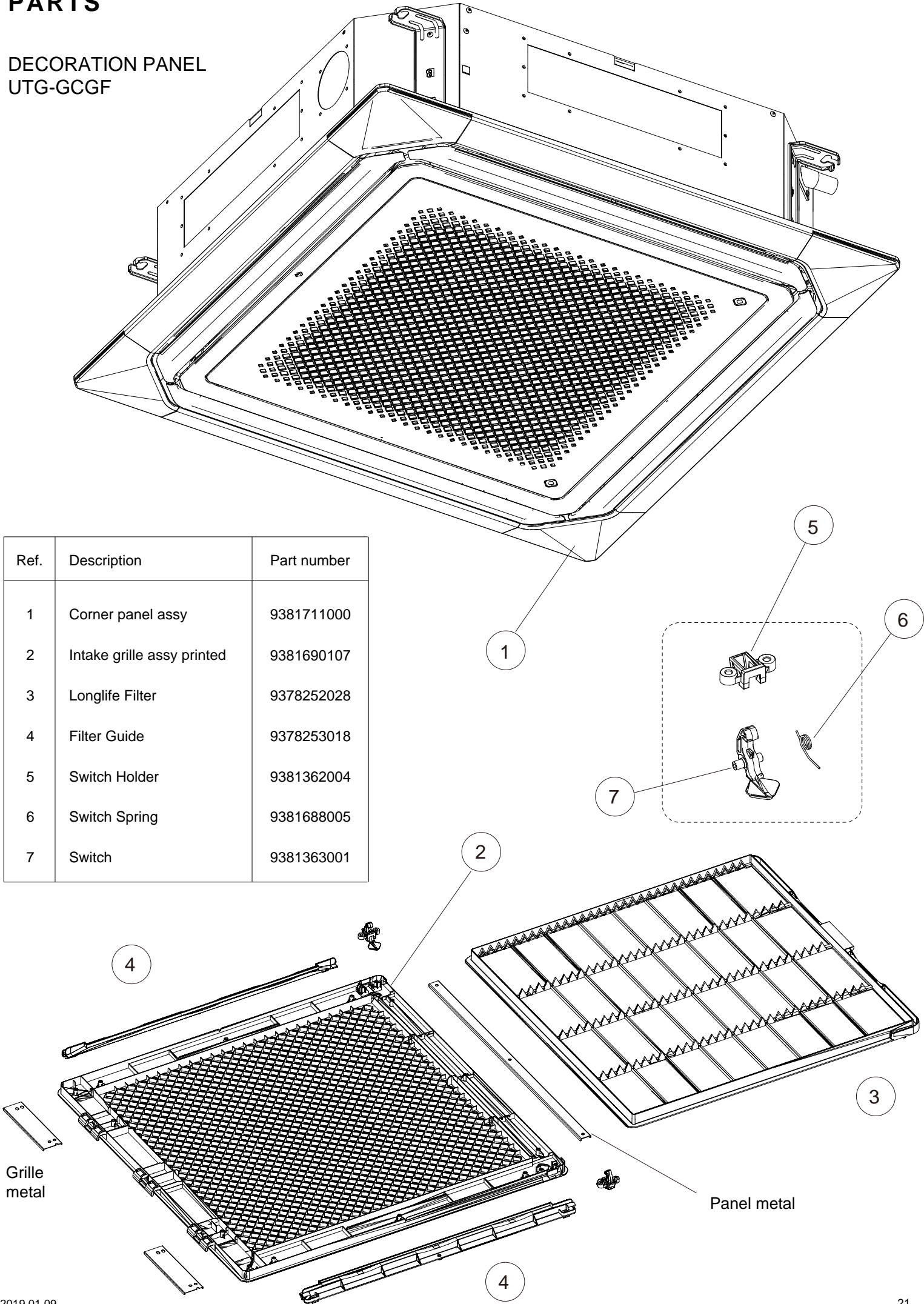
Error display			Wired remote controller Error code	Description
Operation indicator lamp (green)	Timer indicator lamp (orange)	Economy indicator lamp (green)		
●(1)	●(1)	◇	11	Serial communication error
●(1)	●(2)	◇	12	Wired remote controller communication error
●(1)	●(5)	◇	15	Check run unfinished
●(1)	●(6)	◇	16	Peripheral unit transmission PCB connection error
●(1)	●(8)	◇	18	External communication error
●(2)	●(1)	◇	21	Unit number or Refrigerant circuit address setting error [Simultaneous Multi]
●(2)	●(2)	◇	22	Indoor unit capacity error
●(2)	●(3)	◇	23	Combination error
●(2)	●(4)	◇	24	• Connection unit number error (indoor secondary unit) [Simultaneous Multi] • Connection unit number error (indoor unit or branch unit) [Flexible Multi]
●(2)	●(6)	◇	26	Indoor unit address setting error
●(2)	●(7)	◇	27	Primary unit, secondary unit setup error [Simultaneous Multi]
●(2)	●(9)	◇	29	Connection unit number error in wired remote controller system
●(3)	●(1)	◇	31	Power supply interruption error
●(3)	●(2)	◇	32	Indoor unit PCB model information error
●(3)	●(3)	◇	33	Indoor unit motor electricity consumption detection error
●(3)	●(5)	◇	35	Manual auto switch error
●(3)	●(9)	◇	39	Indoor unit power supply error for fan motor
●(3)	●(10)	◇	3A	Indoor unit communication circuit (wired remote controller) error
●(4)	●(1)	◇	41	Room temp. sensor error
●(4)	●(2)	◇	42	Indoor unit Heat Ex. Middle temp. sensor error
●(4)	●(4)	◇	44	Human sensor error
●(5)	●(1)	◇	51	Indoor unit fan motor error
●(5)	●(3)	◇	53	Drain pump error
●(5)	●(4)	◇	54	Electric air cleaner reverse VDD error
●(5)	●(5)	◇	55	Filter set error
●(5)	●(7)	◇	57	Damper error
●(5)	●(8)	◇	58	Intake grille error
●(5)	●(9)	◇	59	Indoor unit fan motor 2 error (Left side fan)
●(5)	●(10)	◇	5A	Indoor unit fan motor 3 error (Right side fan)

Error display			Wired remote controller Error code	Description
Operation indicator lamp (green)	Timer indicator lamp (orange)	Economy indicator lamp (green)		
●(5)	●(15)	◇	5U	Indoor unit error
●(6)	●(1)	◇	61	Outdoor unit reverse/missing phase and wiring error
●(6)	●(2)	◇	62	Outdoor unit main PCB model information error or communication error
●(6)	●(3)	◇	63	Inverter error
●(6)	●(4)	◇	64	Active filter error, PFC circuit error
●(6)	●(5)	◇	65	Trip terminal L error
●(6)	●(8)	◇	68	Outdoor unit rush current limiting resistor temp. rise error
●(6)	●(10)	◇	6A	Display PCB microcomputers communication error
●(7)	●(1)	◇	71	Discharge temp. sensor error
●(7)	●(2)	◇	72	Compressor temp. sensor error
●(7)	●(3)	◇	73	Outdoor unit Heat Ex. liquid temp. sensor error
●(7)	●(4)	◇	74	Outdoor temp. sensor error
●(7)	●(5)	◇	75	Suction Gas temp. sensor error
●(7)	●(6)	◇	76	• 2-way valve temp. sensor error • 3-way valve temp. sensor error
●(7)	●(7)	◇	77	Heat sink temp. sensor error
●(8)	●(2)	◇	82	• Sub-cool Heat Ex. gas inlet temp. sensor error • Sub-cool Heat Ex. gas outlet temp. sensor error
●(8)	●(3)	◇	83	Liquid pipe temp. sensor error
●(8)	●(4)	◇	84	Current sensor error
●(8)	●(6)	◇	86	• Discharge pressure sensor error • Suction pressure sensor error • High pressure switch error
●(9)	●(4)	◇	94	Trip detection
●(9)	●(5)	◇	95	Compressor rotor position detection error (permanent stop)
●(9)	●(7)	◇	97	Outdoor unit fan motor 1 error
●(9)	●(8)	◇	98	Outdoor unit fan motor 2 error
●(9)	●(9)	◇	99	4-way valve error
●(9)	●(10)	◇	9A	Coil (expansion valve) error
●(10)	●(1)	◇	A1	Discharge temp. error
●(10)	●(3)	◇	A3	Compressor temp. error
●(10)	●(4)	◇	A4	High pressure error
●(10)	●(5)	◇	A5	Low pressure error
●(13)	●(2)	◇	J2	Branch boxes error [Flexible Multi]

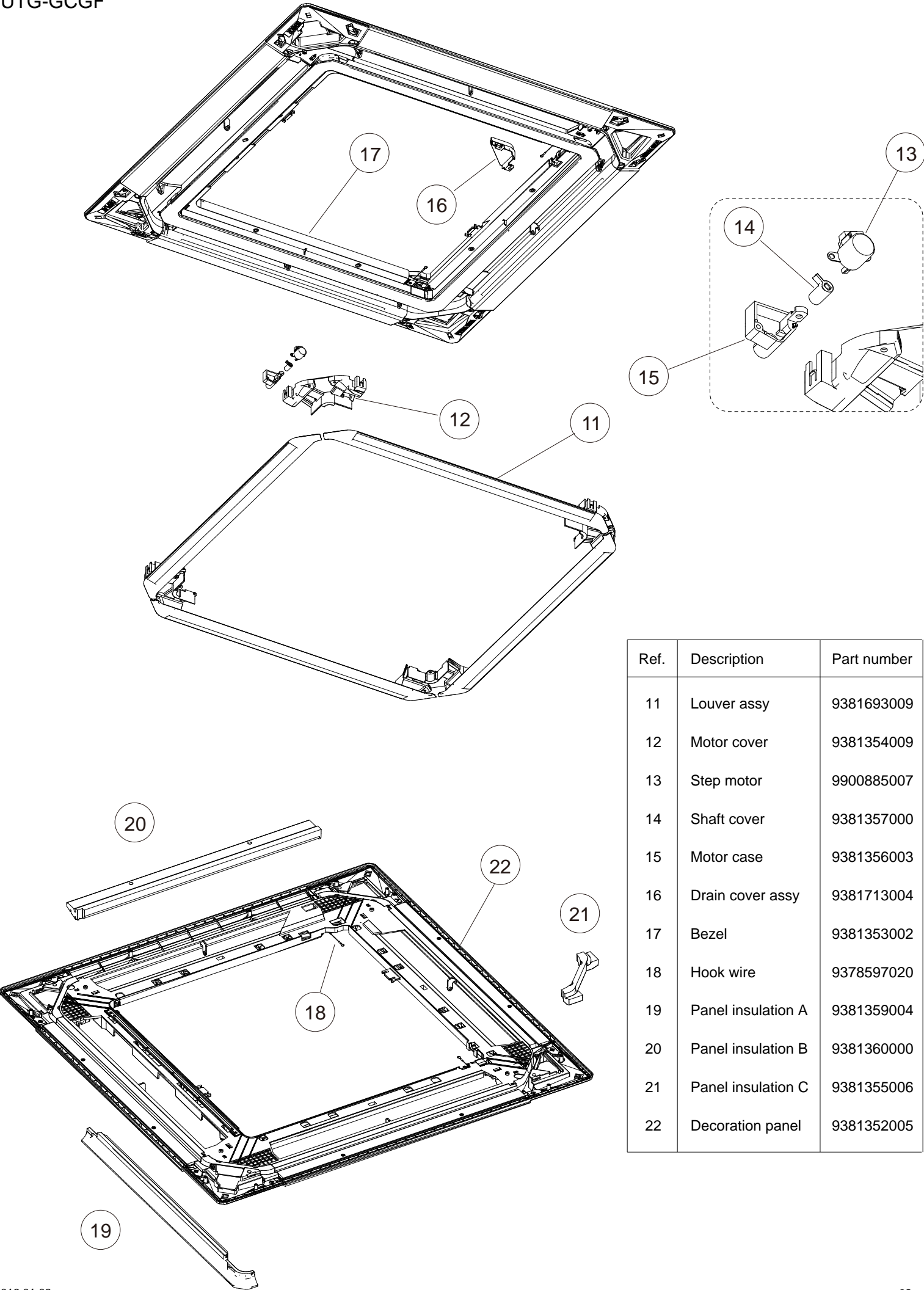
Display mode ● : 0.5s ON / 0.5s OFF
◇ : 0.1s ON / 0.1s OFF
() : Number of flashing

PARTS

DECORATION PANEL
UTG-GCGF



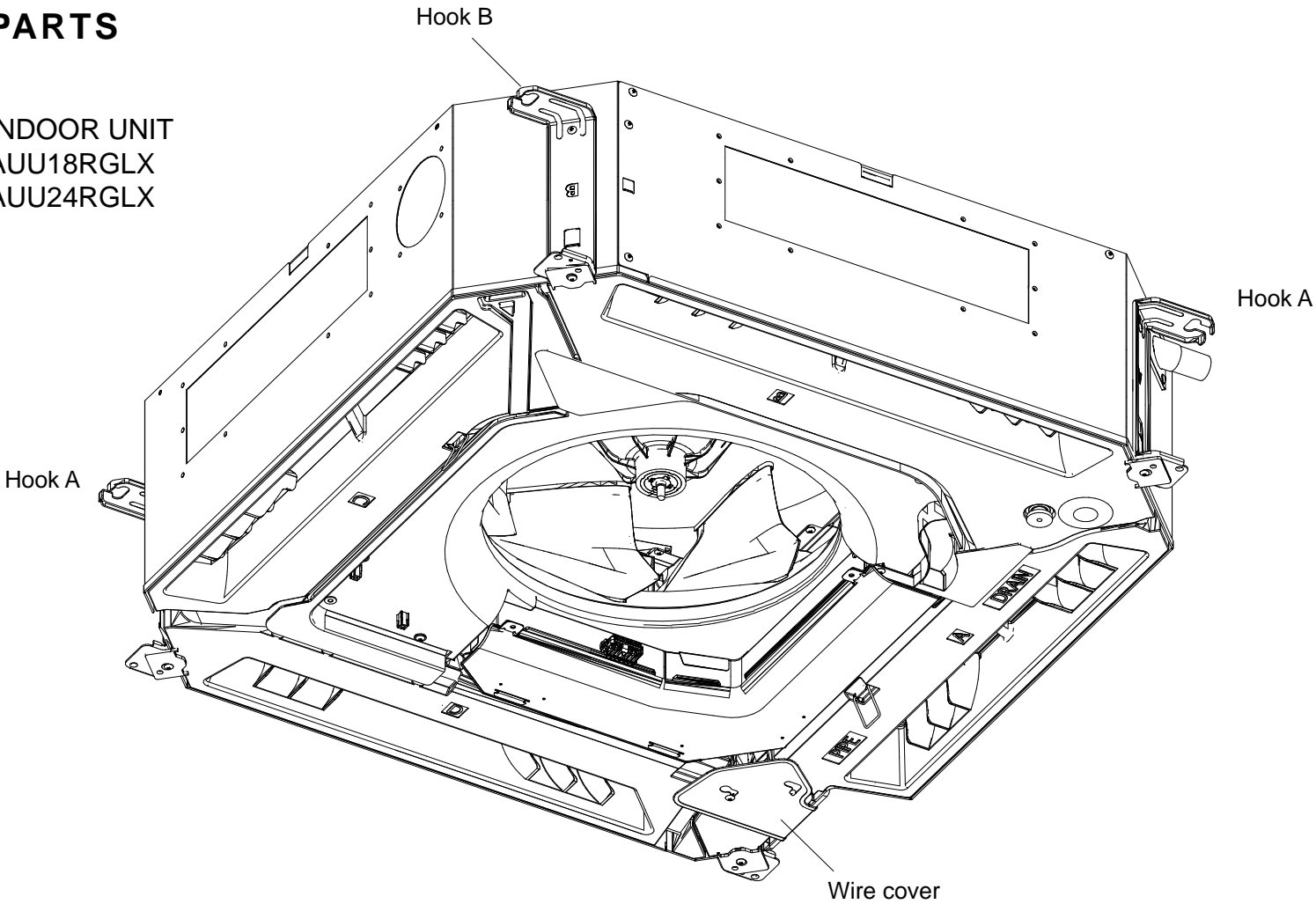
DECORATION PANEL
UTG-GCGF



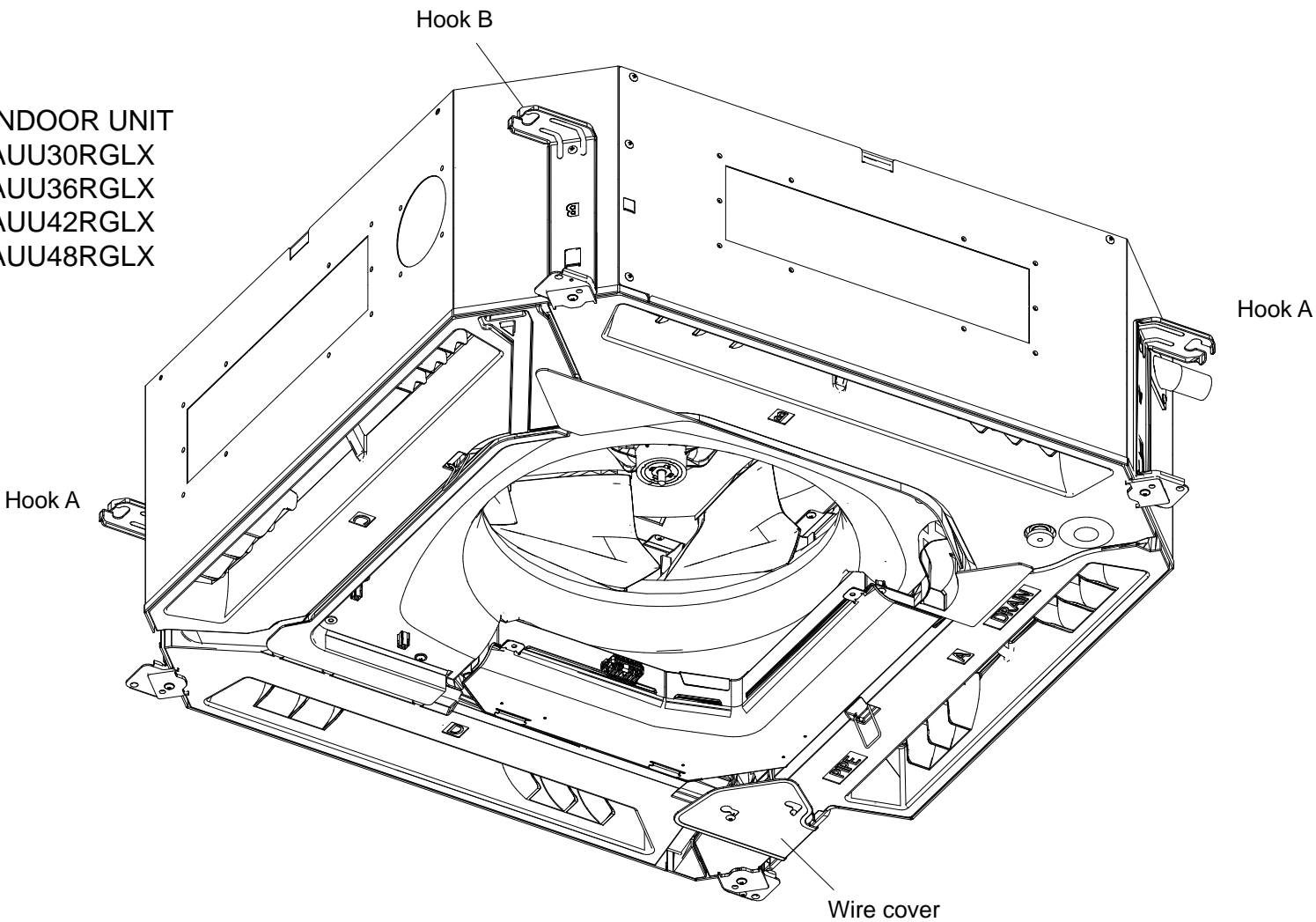
Ref.	Description	Part number
11	Louver assy	9381693009
12	Motor cover	9381354009
13	Step motor	9900885007
14	Shaft cover	9381357000
15	Motor case	9381356003
16	Drain cover assy	9381713004
17	Bezel	9381353002
18	Hook wire	9378597020
19	Panel insulation A	9381359004
20	Panel insulation B	9381360000
21	Panel insulation C	9381355006
22	Decoration panel	9381352005

PARTS

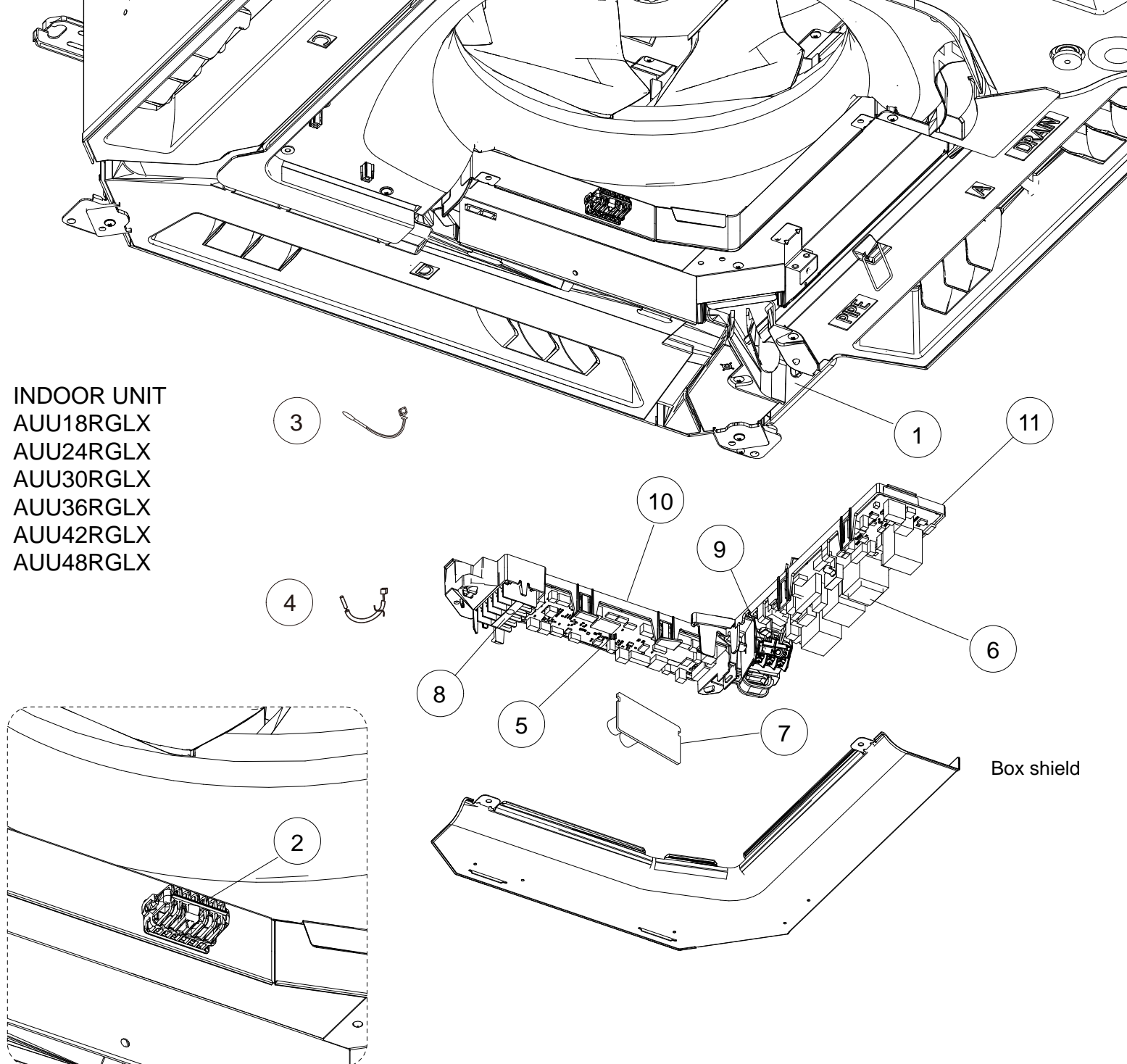
INDOOR UNIT
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AUU24RGLX



INDOOR UNIT
AUU30RGLX
AUU36RGLX
AUU42RGLX
AUU48RGLX



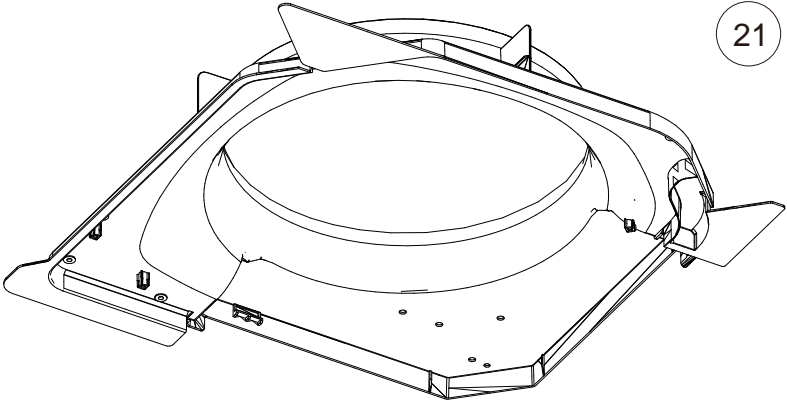
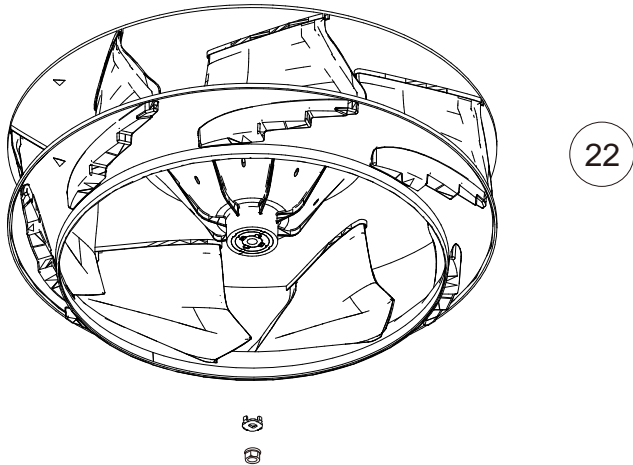
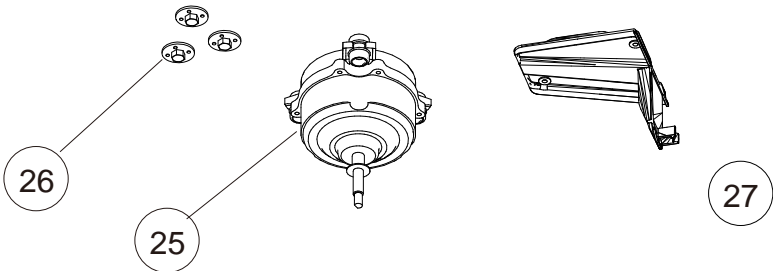
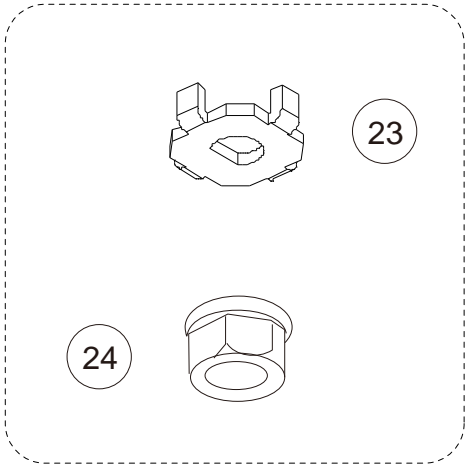
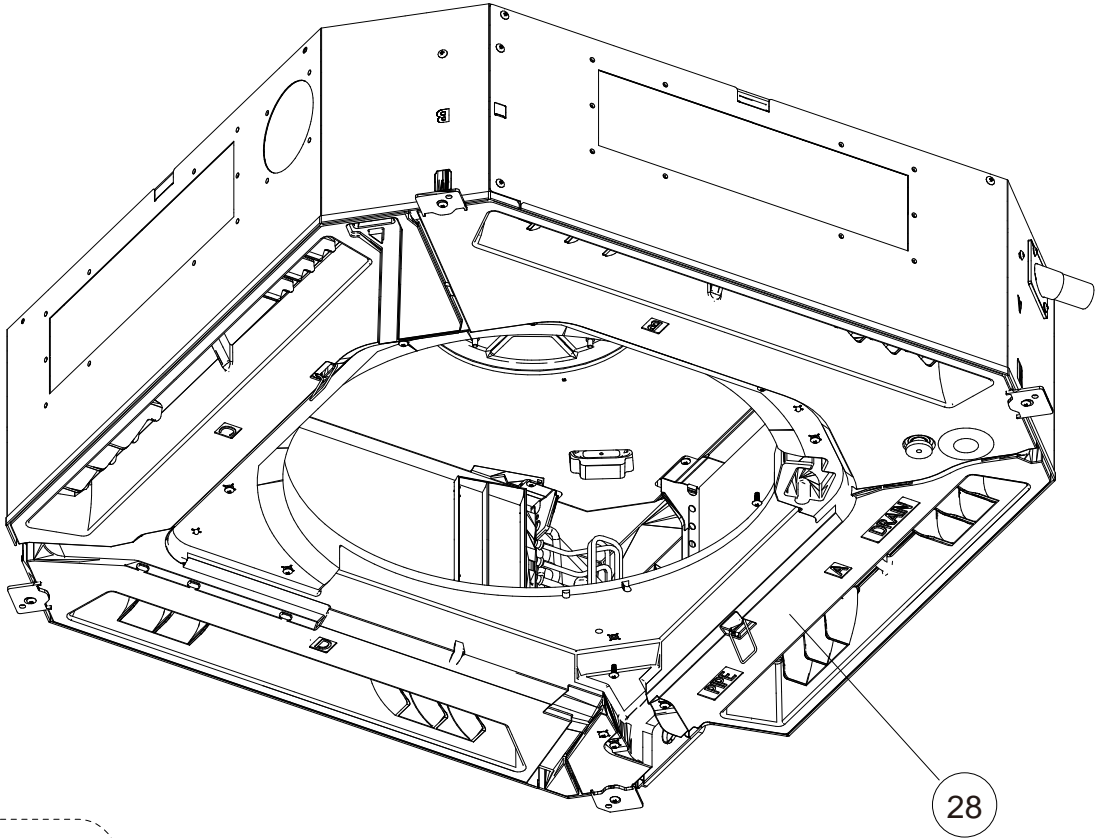
INDOOR UNIT
 AUU18RGLX
 AUU24RGLX
 AUU30RGLX
 AUU36RGLX
 AUU42RGLX
 AUU48RGLX



Ref.	Description	Part number
1	Cable guide	9381376018
2	Room thermistor holder	9381348008
3	Room thermistor	9900822002
4	Pipe thermistor	9900347024
5	Main PCB (18 model)	9710995538
5	Main PCB (24 model)	9710995545
5	Main PCB (30 model)	9710995552
5	Main PCB (36 model)	9710995569
5	Main PCB (42 model)	9710995583

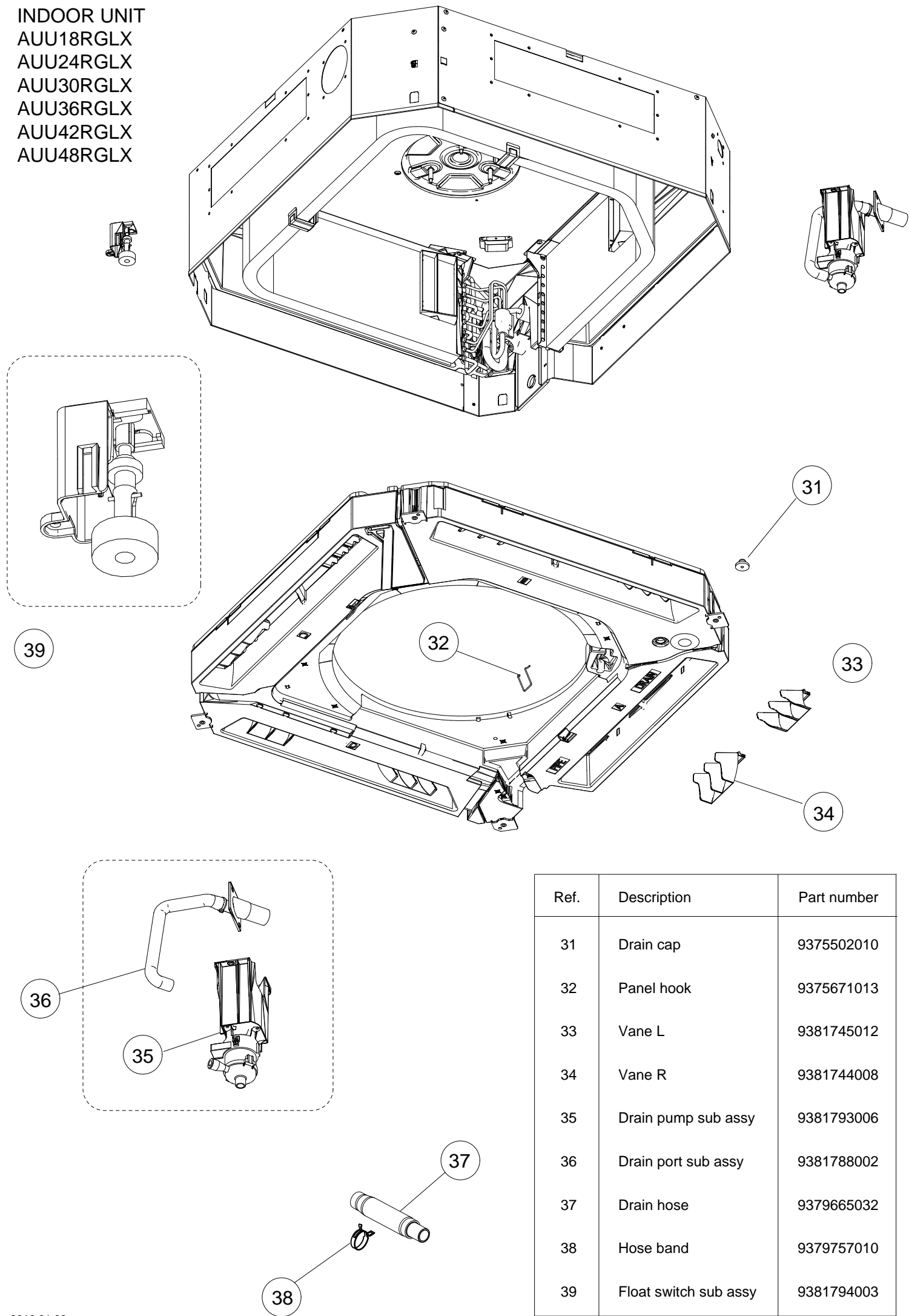
Ref.	Description	Part number
5	Main PCB (48 model)	9710995576
6	Power supply PCB	9710022005
7	PCB (Non-polar 2-wire)	9710019005
8	Remote terminal 5P	9900896003
9	Power terminal 3P	9900720032
10	Main PCB holder	9381350018
11	Power PCB holder	9381349005

INDOOR UNIT
AUU18RGLX
AUU24RGLX
AUU30RGLX
AUU36RGLX
AUU42RGLX
AUU48RGLX



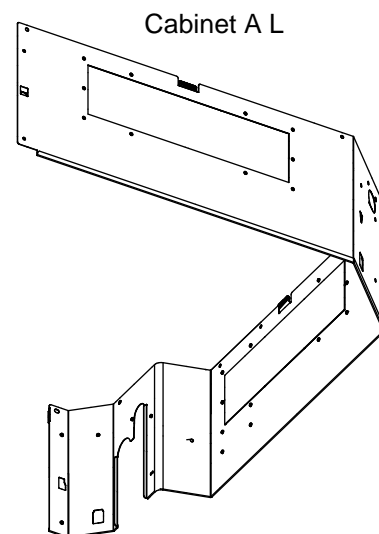
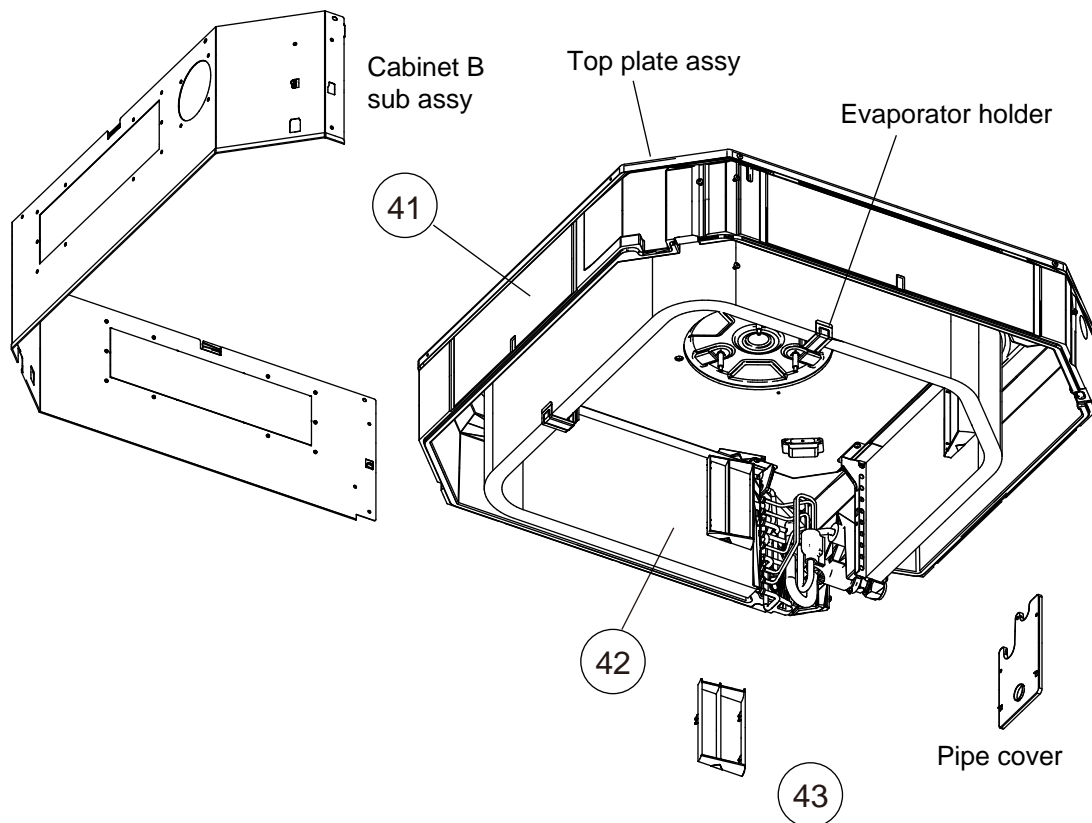
Ref.	Description	Part number
21	Bell-mouth L (18 and 24 model)	9381484010
21	Bell-mouth H (30, 36, 42, and 48 model)	9381345014
22	Turbo fan assy	9381303007
23	Turbo fan washer	9378394018
24	Nut	9356998009
25	DC fan motor	9603443009
26	Special nut	9378388017
27	Motor wire holder	9381351008
28	Drain pan sub assy	9381789009

INDOOR UNIT
AUU18RGLX
AUU24RGLX
AUU30RGLX
AUU36RGLX
AUU42RGLX
AUU48RGLX

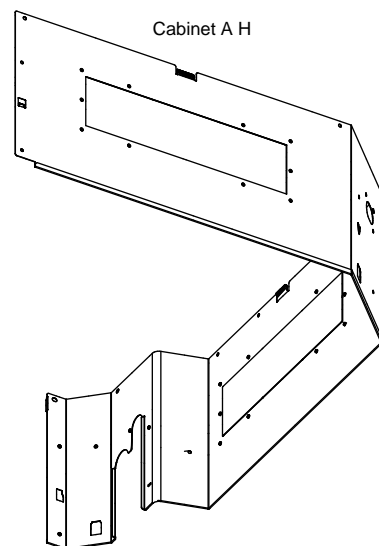
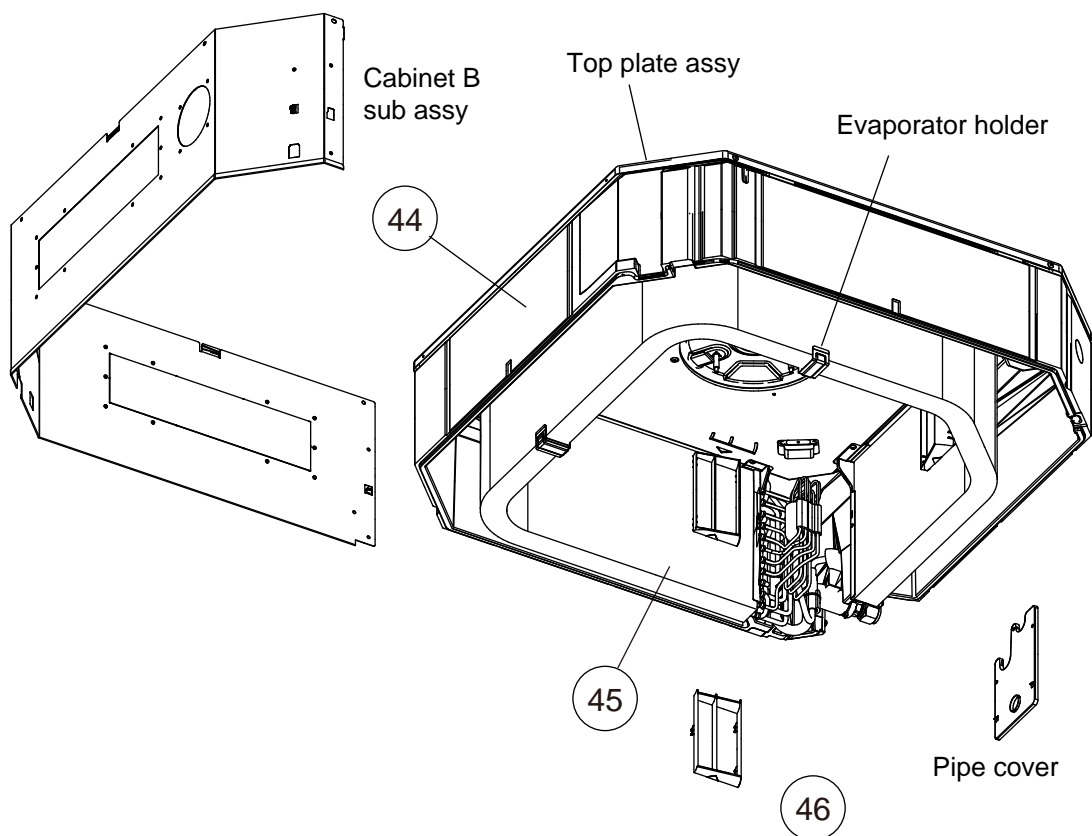


Ref.	Description	Part number
31	Drain cap	9375502010
32	Panel hook	9375671013
33	Vane L	9381745012
34	Vane R	9381744008
35	Drain pump sub assy	9381793006
36	Drain port sub assy	9381788002
37	Drain hose	9379665032
38	Hose band	9379757010
39	Float switch sub assy	9381794003

INDOOR UNIT
AUU18RGLX
AUU24RGLX



INDOOR UNIT
AUU30RGLX
AUU36RGLX
AUU42RGLX
AUU48RGLX

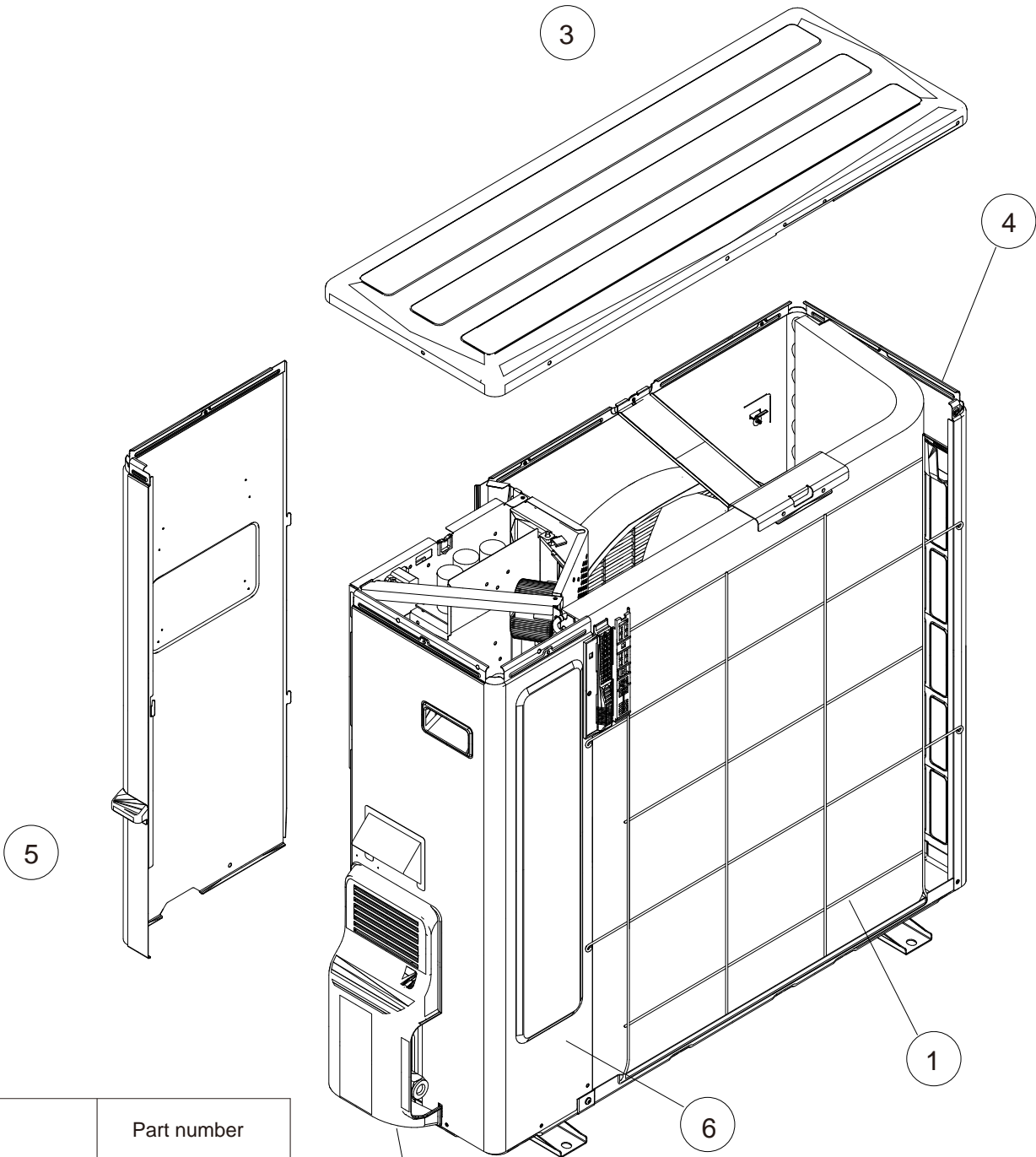


Ref.	Description	Part number
41	Insulation box sub assy	9381787012
42	Evaporator total assy (18) (complete)	9378580787
42	Evaporator total assy (24) (complete)	9378580770
43	Wind guide board	9382125004

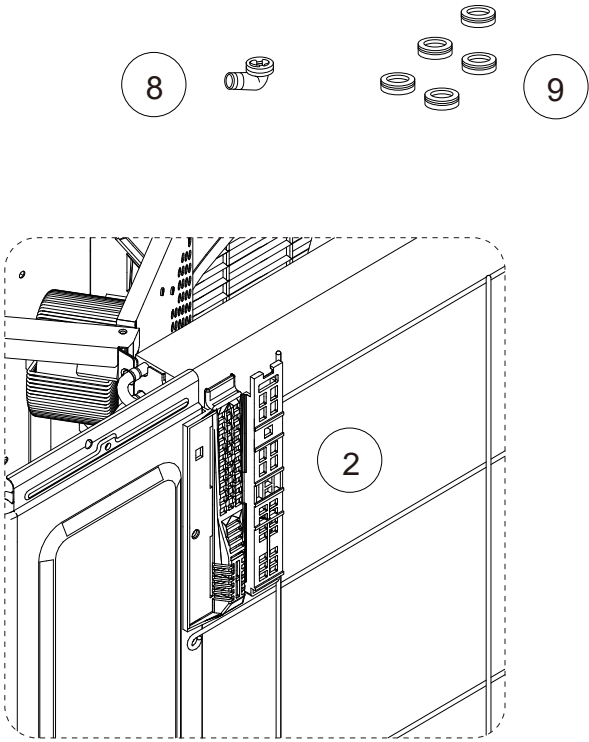
Ref.	Description	Part number
44	Insulation box sub assy	9381787012
45	Evaporator total assy (30, 36) (complete)	9378580794
45	Evaporator total assy (42, 48) (complete)	9378580817
46	Wind guide board	9382125004

PARTS

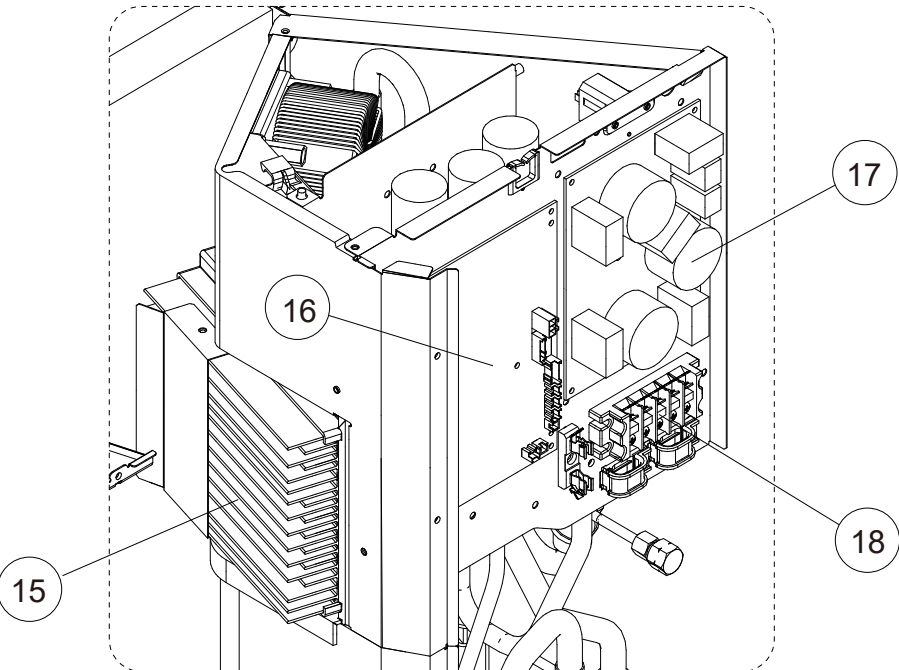
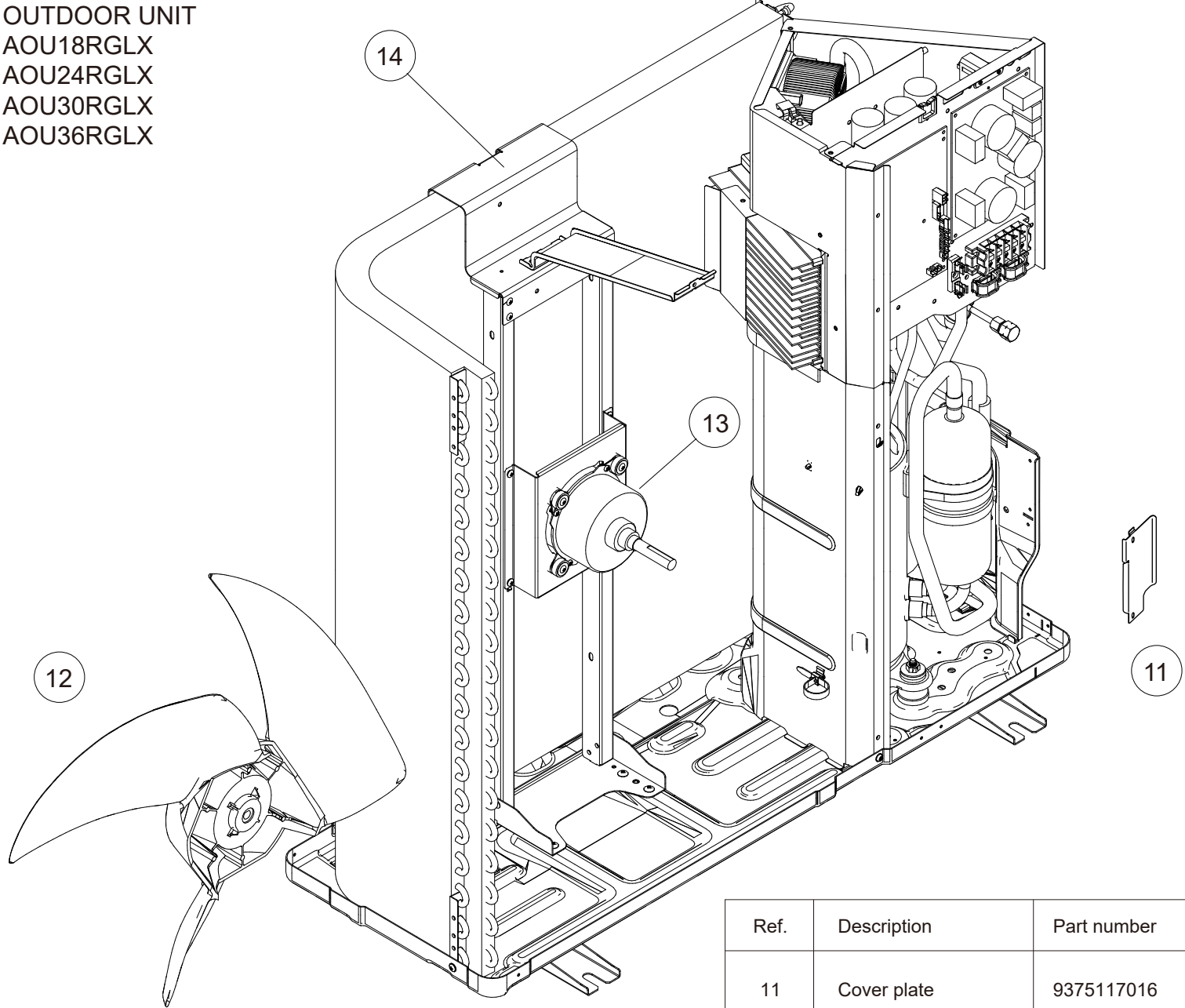
OUTDOOR UNIT
AOU18RGLX
AOU24RGLX
AOU30RGLX
AOU36RGLX



Ref.	Description	Part number
1	Protective net	9375381011
2	Thermo holder	9375211011
3	Top panel sub assy	9374417070
4	Front panel sub assy	9374414079
5	Service panel sub assy	9374415106
6	Right panel sub assy	9374416271
7	Valve cover	9374174010
8	Drain assy	9303029015
9	Drain cap	313166024302

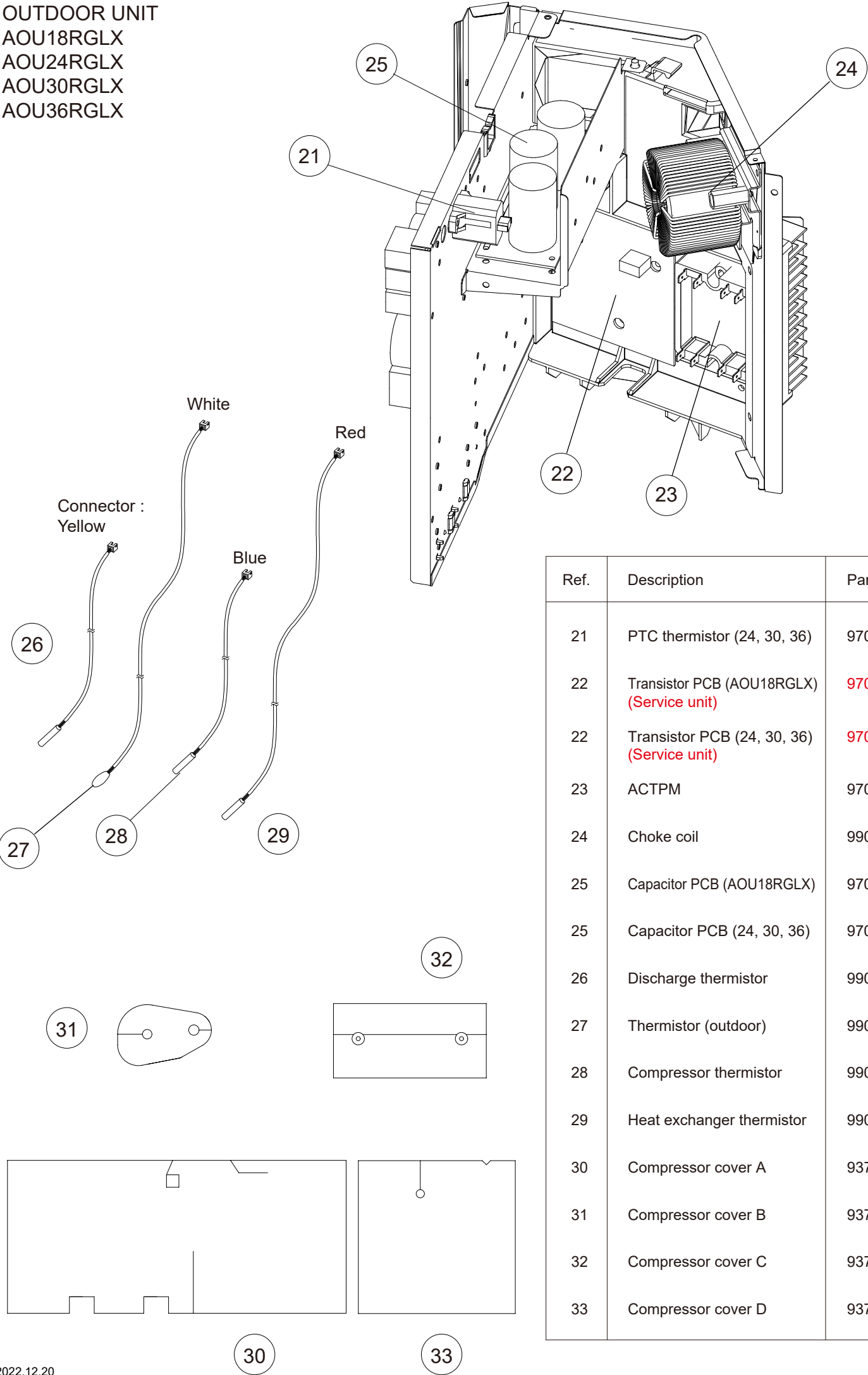


OUTDOOR UNIT
AOU18RGLX
AOU24RGLX
AOU30RGLX
AOU36RGLX



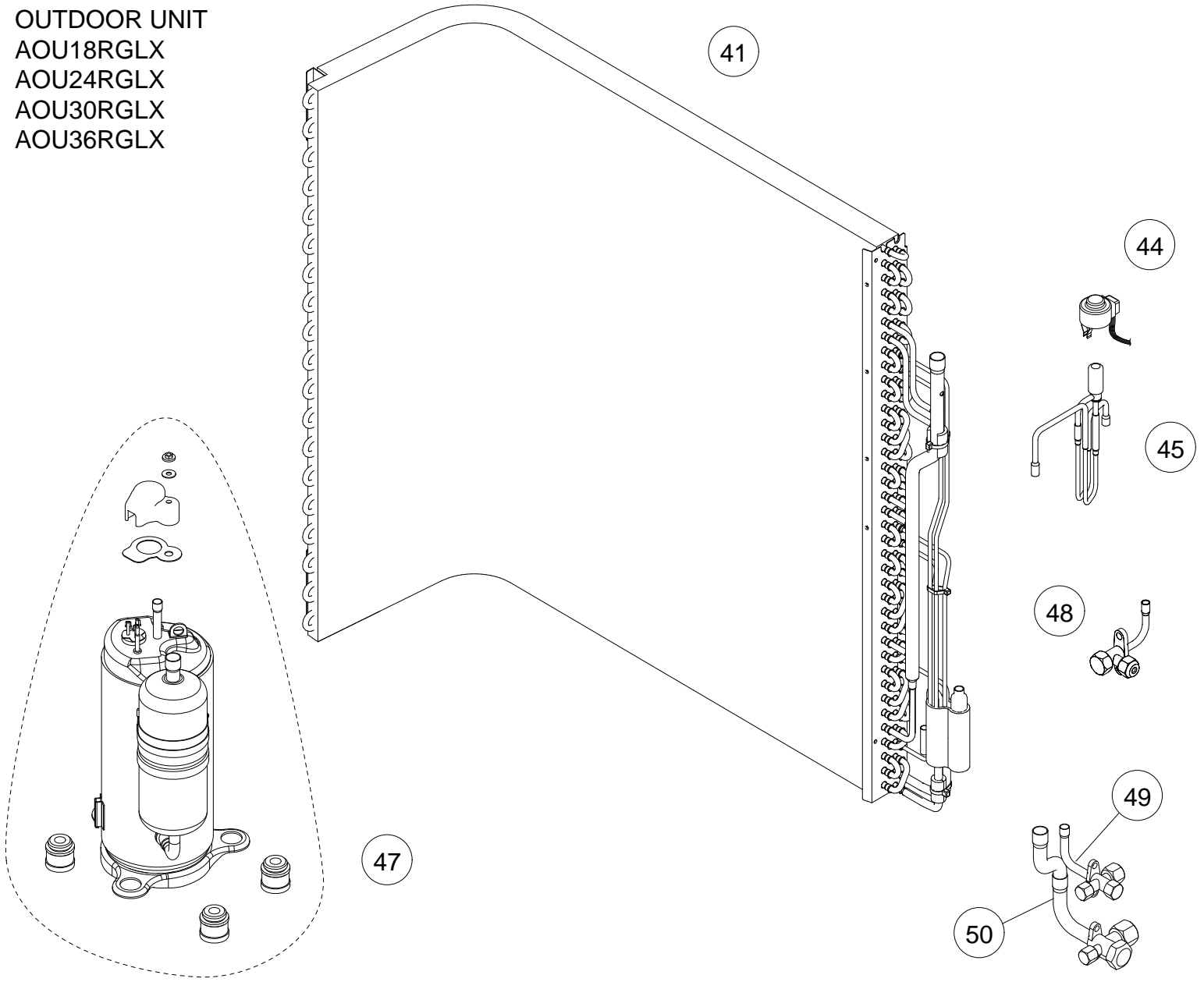
Ref.	Description	Part number
11	Cover plate	9375117016
12	Propeller fan assy	9366378037
13	DC fan motor	9379385015
14	Motor bracket sub assy	9374418152
15	Heat sink	9378530010
16	Main PCB (18 model)	9708511887
16	Main PCB (24 model)	9711685001
16	Main PCB (30 model)	9711685018
16	Main PCB (36 model)	9708511917
17	Filter PCB (18 model)	9708513065
17	Filter PCB (24, 30, 36 model)	9708513072
18	Terminal 5P	9900203023

OUTDOOR UNIT
 AOU18RGLX
 AOU24RGLX
 AOU30RGLX
 AOU36RGLX

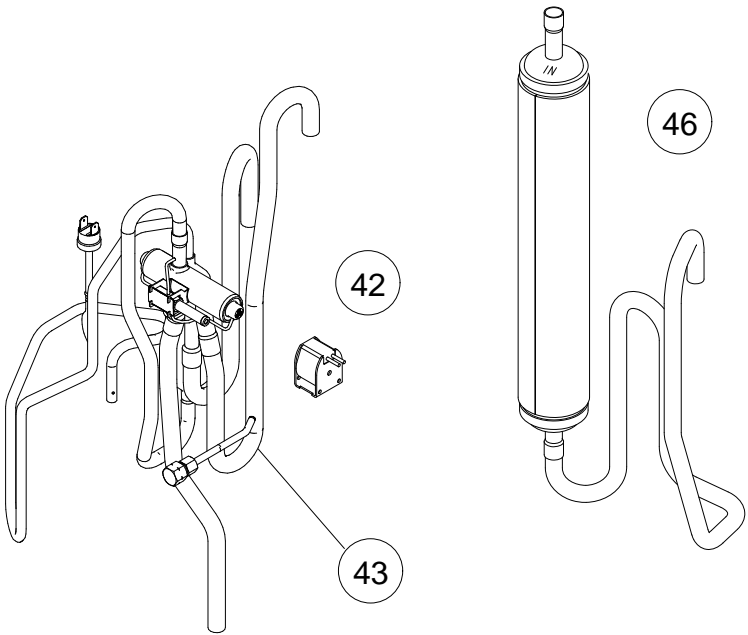


Ref.	Description	Part number
21	PTC thermistor (24, 30, 36)	9704265012
22	Transistor PCB (AOU18RGLX) (Service unit)	9709681213
22	Transistor PCB (24, 30, 36) (Service unit)	9709681220
23	ACTPM	9707592016
24	Choke coil	9900223014
25	Capacitor PCB (AOU18RGLX)	9709894033
25	Capacitor PCB (24, 30, 36)	9709894040
26	Discharge thermistor	9901041020
27	Thermistor (outdoor)	9900988036
28	Compressor thermistor	9900827021
29	Heat exchanger thermistor	9901114014
30	Compressor cover A	9378851177
31	Compressor cover B	9378851283
32	Compressor cover C	9378851023
33	Compressor cover D	9378851184

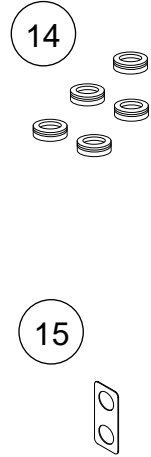
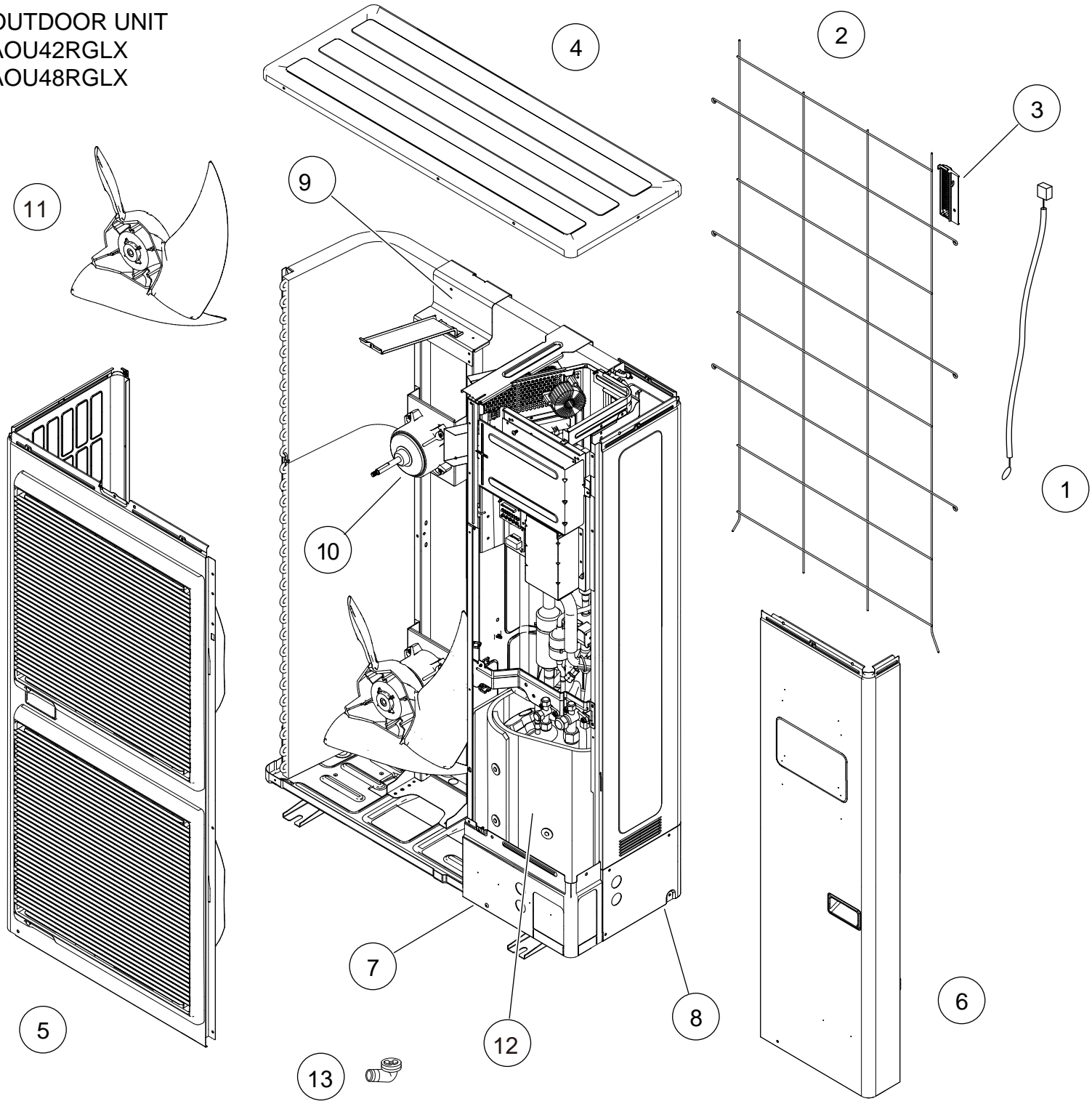
OUTDOOR UNIT
AOU18RGLX
AOU24RGLX
AOU30RGLX
AOU36RGLX



Ref.	Description	Part number
41	Condenser A sub assy (complete)	9374420308
42	Solenoid	9970055034
43	4-way valve assy	9374425198
44	Expansion valve coil	9970095030
45	Expansion valve assy (AOU18RGLX)	9370947168
45	Expansion valve assy (24, 30, 36)	9370947144
46	Accumulator sub assy	9374426133
47	Compressor	9810135001
48	2-way valve assy (AOU18RGLX)	9372204054
49	3-way valve assy (AOU24, 30, 36)	9377958013
50	3-way valve sub assy (AOU18RGLX)	9374470136
50	3-way valve sub assy (24, 30, 36)	9374470044



OUTDOOR UNIT
 AOU42RGLX
 AOU48RGLX

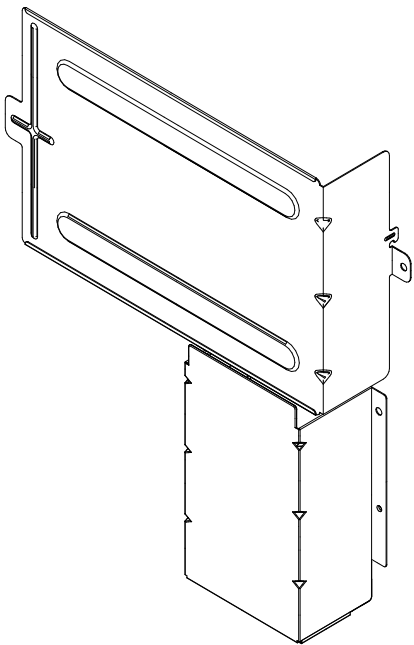
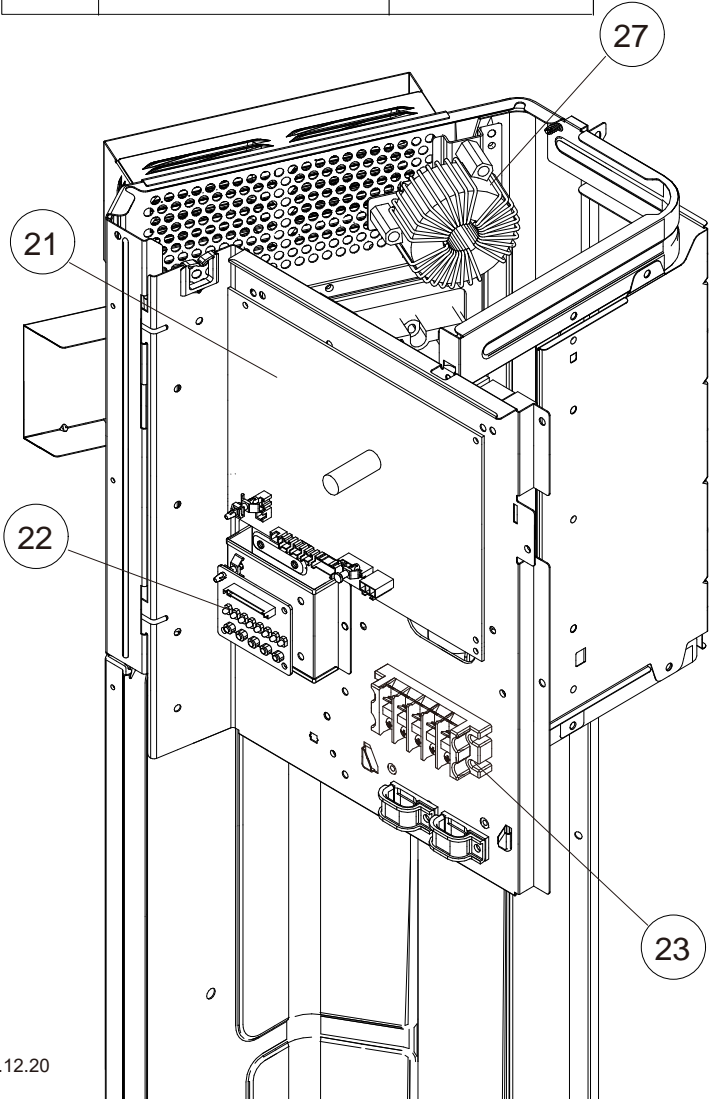
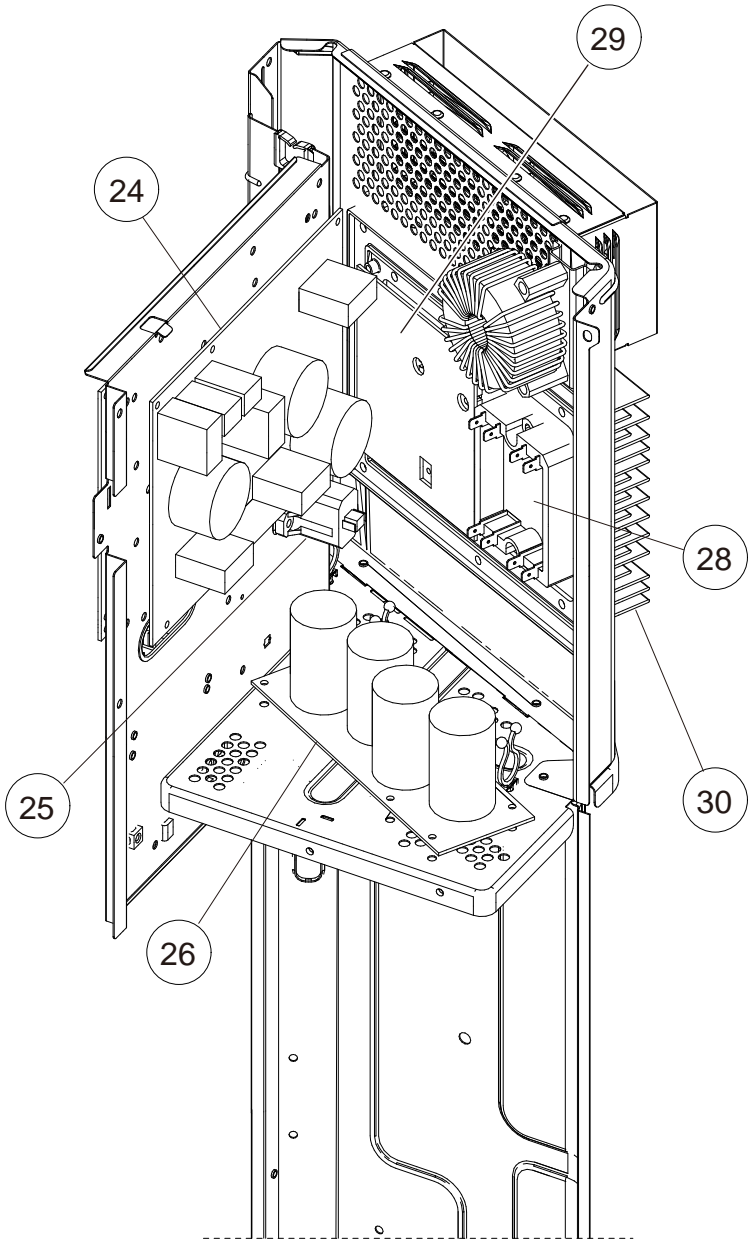


Ref.	Description	Part number
1	Thermistor (Outdoor temp.)	9900820039
2	Protective net	9375381042
3	Thermo holder	9375211011
4	Top panel sub assy	9374417087
5	Front panel sub assy	9374414154
6	Service panel sub assy	9374415113
7	Pipe cover front	9378861039

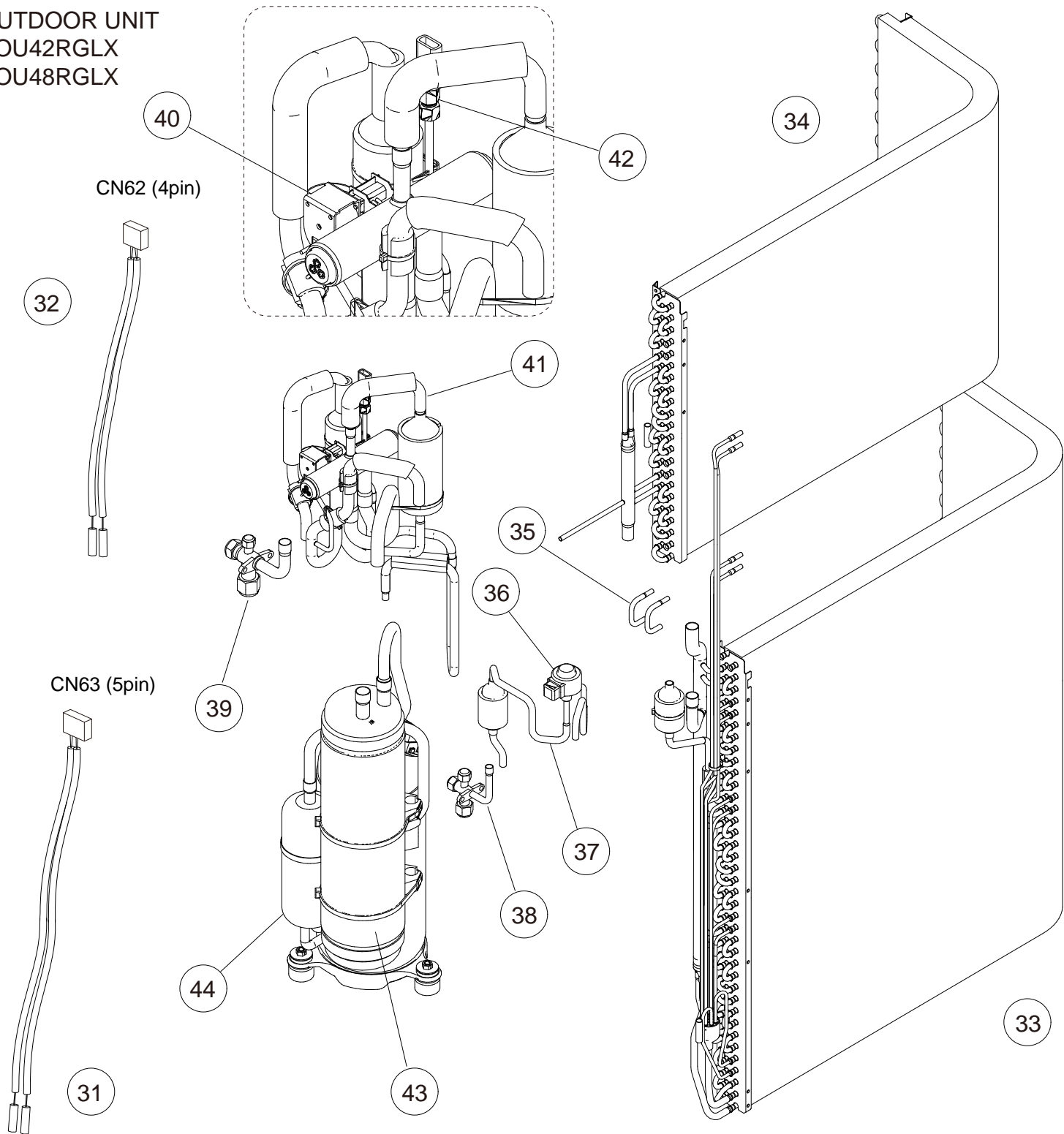
Ref.	Description	Part number
8	Right panel sub assy	9374416288
9	Motor bracket sub assy	9374418169
10	DC fan motor	9379853019
11	Propeller fan assy	9366378020
12	Sound insulator A	9378611078
13	Drain assy	9303029015
14	Drain cap	313166024302
15	Conduit plate	9379938006

OUTDOOR UNIT
AOU42RGLX
AOU48RGLX
Control box

Ref.	Description	Part number
21	Main PCB (42 model)	9709904558
21	Main PCB (48 model)	9709904534
22	Indicator PCB	9708678016
23	Terminal	9901148002
24	Filter PCB (42 model)	9709903063
24	Filter PCB (48 model)	9709903087
25	Thermistor	9704265012
26	Capacitor PCB	9709894132
27	Choke coil	9900624019
28	ACTPM	9707592016
29	Transistor PCB	9709682920
30	Heat sink (42 model)	9380358022
30	Heat sink (48 model)	9383694004



OUTDOOR UNIT
AOU42RGLX
AOU48RGLX


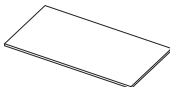

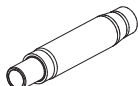










Ref.	Description	Part number
31	Thermistor assy (5 pins)	9900599027
32	Thermistor assy (4 pins)	9900598013
33	Condenser A sub assy (complete)	9374420261
34	Condenser B sub assy (complete)	9374422081
35	Bypass pipe A	9371324043
36	Expansion valve coil	9970098062
37	Expansion valve assy	9370947182

Ref.	Description	Part number
38	3-way valve aassy	9379077002
39	3-way valve assy	9379079006
40	Solenoid	9970113055
41	4-way valve assy	9374425525
42	Sensor	9970178023
43	Accumulator assy	9375250096
44	Compressor	9383161001


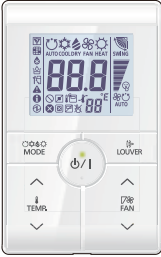

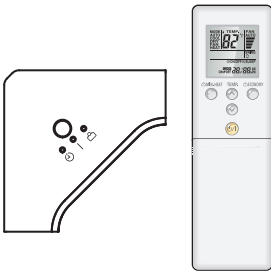
Accessories

INDOOR UNIT

Part name	Exterior	Qty	Part name	Exterior	Qty
Installation manual		1	Insulation		1
Operating manual		1	Drain hose		1
Template (Carton top)		1	Hose band		1
Washer		8	Drain hose heat insulation		1
Coupler heat insulation (Large)		1	Cable tie (Large)		4
Coupler heat insulation (Small)		1	Cable tie (Small)		2

Optional parts

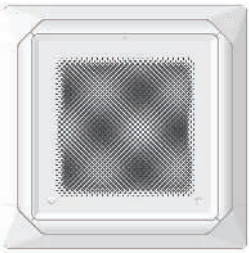

1. Controllers

Exterior	Part name	Model name	Summary
	Wired Remote Controller	UTY-RNRUZ*	Easy finger touch operation with LCD panel. Backlit LCD enables easy operation in a dark room. Wire type: Non-polar 2-wire
	Simple Remote Controller	UTY-RSRY	Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting, and operation mode. Wire type: Non-polar 2-wire
	Simple Remote Controller	UTY-RHRY	Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, and temperature setting. Wire type: Non-polar 2-wire
	IR Receiver Kit with Wireless Remote Controller	UTY-LBTUC	Unit control is performed by Wireless Remote Controller.

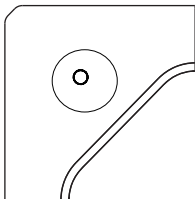
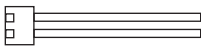

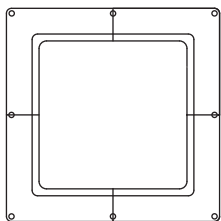
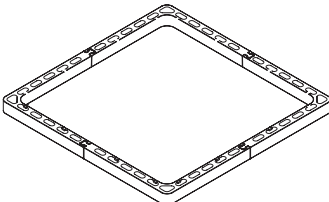

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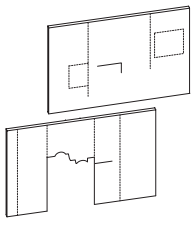
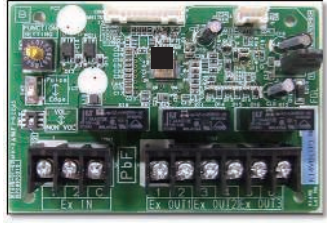
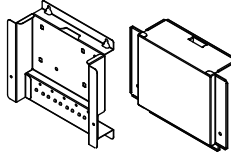


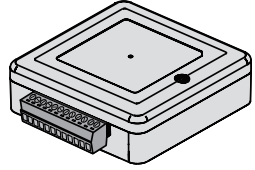


- Available functions may differ by the remote controller. For details, refer to the operation manual.
- When using the group controlling system of the Wired Remote Controller, using WLAN Adapter is prohibited.

2. Cassette grille

Exterior	Part name	Model name	Summary
	Cassette Grille	UTG-GCGF	This cassette grille to blow airflow in 360° direction by unique seamless airflow louver design.
	Cassette Grille	UTG-LCGVCB	This cassette grille to blow airflow in 360° direction by unique seamless airflow louver design. Black color model.

3. Others

Exterior	Part name	Model name	Summary
	Human Sensor Kit	UTY-SHZXC	For circular flow cassette type.
	External Connect Kit	UTY-XWZXZG	Use to connect with various peripheral devices and air conditioner PCB. For control output port.
	Air Outlet Shutter Plate	UTR-YDZK	Installed at the air outlet when 3-directions mode is performed.
	Wide Panel	UTG-AKXA-W	Hides the gap between the ceiling hole and the cassette grille.
	Panel Spacer	UTG-BKXA-W	If there is not enough height in the ceiling space, by inserting this spacer between the cassette grille and the ceiling surface, the height of the unit body goes into the ceiling space become 50-mm lower.
	Fresh Air Intake Kit	UTZ-VXRA	By attaching Fresh Air Intake Kit to the indoor unit, it can be taken in fresh air of up to 10% of “high” air volume of the indoor unit. Do not branch the connecting duct into multiple rooms.




Exterior	Part name	Model name	Summary
	Insulation for High Humidity	UTZ-KXRA	Install when the under-roof condition is expected to be the humidity of over 80% and the temperature of over 86 °F(30 °C).
	External Input and Output PCB	UTY-XCSX	Use to connect with external devices and air conditioner PCB.
	External Input and Output PCB Box	UTZ-GXRA	For installing the External input and output PCB.
	WLAN Adapter	UTY-TFSXZ2	Remotely manage an air conditioning system using mobile devices such as smartphones and tablets. For connection indoor unit with UART interface. Appropriate application for each region is required to use this option. For details, contact FGL sales company.
	Modbus Converter	UTY-VMSX	For connection between indoor unit with UART interface and a Modbus open network.
	Thermostat Converter	UTY-TTRX	This converter can control Fujitsu General products using a third-party thermostat controller.
	Network Converter	UTY-VTGX	This converter is required when connecting single split system to VRF network system.
	Network Converter (AC power supply)	UTY-VTGXV	This converter is required when connecting single split system to VRF network system.

NOTE: Combined use of following optional parts and WLAN Adapter (UTY-TFSXZ2) is not allowed.




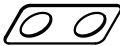
- External Input and Output PCB
- Modbus Converter
- Thermostat Converter
- Network Converter
- Network Converter (AC power supply)

Accessories

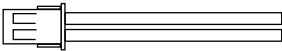
Models: AOU18RGLX, AOU24RGLX, AOU30RGLX, and AOU36RGLX

Part name	Exterior	Qty	Part name	Exterior	Qty
Installation manual		1	Drain cap		5
Drain pipe		1			

Models: AOU42RGLX and AOU48RGLX

Part name	Exterior	Qty	Part name	Exterior	Qty
Installation manual		1	Drain cap		5
Drain pipe		1	Conduit plate		1

Optional parts

Exterior	Part name	Model name	Summary
	External connect kit	UTY-XWZXZ3	Use to operate the external input and output functions of outdoor unit. For 42/48 model

1807G4738