

CASSETTE INDOOR UNITS

UNI SPLIT 2 SERIES

MODEL			ASC-12B12 / ASGE-12B12	ASC-18B12 / ASGE-18B12	ASC-24B12 / ASGE-24B12	ASC-30B12 / ASGE-30B12
Capacity cooling / heating 1)	Nominal	kW	3,5 / 4,0	5,3 / 5,8	7,1 / 8,0	8,5 / 8,8
Power supply		Hz / V	1~ / 50-60 / 220-240	1~ / 50-60 / 220-240	1~ / 50-60 / 220-240	1~ / 50-60 / 220-240
Energy class cooling 3)			A++	A++	A++	-
Pdesign cooling		kW	3,5	5,3	7,1	-
SEER			7,1	7,2	6,7	6,9
Annual power consumption		kWh / annum	173	258	371	-
Energy class heating 3)	Average climate		A+	A+	A+	-
Pdesign heating	Average climate	kW	3,1	3,9	5,0	-
SCOP	Average climate		4,2	4,3	4,3	4,3
Annual power consumption	Average climate	kWh / annum	1034	1270	1628	-
Air flow of ID	SH/H/M/L	m ³ / h	600/550/500/400	720/650/600/500	1100/1000/900/800	1400/1300/1100/1000
Sound pressure of ID at 1,4m 4)	SH/H/M/L	dB(A)	36/35/33/29	43/41/39/35	39/38/36/34	47/46/42/38
Sound power of ID 4)	H	dB(A)	47 / - / - / -	56 / - / - / -	51 / - / - / -	59 / - / - / -
Refrigerant type		Type	R32	R32	R32	R32
Pipe diameter - liquid side 5)		inch / mm	¼ / 6,4	¼ / 6,4	¾ / 9,5	¾ / 9,5
Pipe diameter - gas side 5)		inch / mm	¾ / 9,5	½ / 12,7	¾ / 15,9	¾ / 15,9
Dimension of ID	w × h × d	mm	570 × 260 × 570	570 × 260 × 570	840 × 200 × 840	840 × 200 × 840
Dimension of panel	w × h × d	mm	620 × 47,5 × 620	620 × 47,5 × 620	950 × 52 × 950	950 × 52 × 950
Package dimension of ID	w × h × d	mm	698 × 295 × 653	698 × 295 × 653	943 × 245 × 923	943 × 245 × 923
Package dimension of panel	w × h × d	mm	693 × 115 × 693	693 × 115 × 693	1033 × 110 × 1020	1033 × 110 × 1020
Weight of ID	netto / brutto	kg	16,5 / 21,0	16,5 / 21,0	21,0 / 27,0	21,0 / 27,0
Weight of panel	netto / brutto	kg	4,5	4,5	9,5	9,5
Set temperature range		°C	16-30	16-30	16-30	16-30
ADDITIONAL TECHNICAL INFORMATION						
Communication cable		mm ²	4-wire cable *			
Recommended power cable		mm ²	Outdoor unit power supplied			
Recommended air switch		A	Outdoor unit power supplied			
EQUIPMENT						
Plasma generator			-	-	-	-
WiFi module			optional (integrated in SWC-05W wired controller)			
Drain pump			✓	✓	✓	✓
Max. lift (from bottom of ID unit)		mm	1000	1000	1000	1000
Door contact			✓	✓	✓	✓
Alarm contact			-	-	-	-
Fresh air inlet			✓	✓	✓	✓
Decorative panel			✓	✓	✓	✓
STANDARD ACCESSORIES						
Standard health filter			-	-	-	-
Remote controller (IR)			YAP1F7	YAP1F7	YAP1F7	YAP1F7
Wired controller			-	-	-	-
OPTIONAL ACCESSORIES						
Optional health filters			-	-	-	-
Wired controller with weekly timer			SWC-05W / SWC-07	SWC-05W / SWC-07	SWC-05W / SWC-07	SWC-05W / SWC-07
Central controller			SCC-36			
MODBUS gateway			SMG-01			
BACNET gateway			SBG-01			
Dry contact gateway			SDG-02			

The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice. Refer to rating label.

* Cross-section of each wire must correspond to the IEC 60364

R32 (single component refrigerant HFC), GWP of refrigerant used: 675.

Contains fluorinated greenhouse gases covered by the Kyoto Protocol.

Explanatory notes on the very last page of the catalogue.

It is necessary to combine with an appropriate outdoor unit from UNI SPLIT 2 series (ASGE-xxB12, ASGE-xxB12-3).

CASSETTE INDOOR UNITS

UNI SPLIT 2 SERIES

MODEL			ASC-36BI2 / ASGE-36BI2-3 / ASGE-36BI2	ASC-42BI2 / ASGE-42BI2-3 / ASGE-42BI2	ASC-48BI2 / ASGE-48BI2-3 / ASGE-48BI2	ASC-60BI2 / ASGE-60BI2-3
Capacity cooling / heating 1)	Nominal	kW	10,5 / 11,5	12,1 / 13,5	13,4 / 15,5	14,5 / 17,0
Power supply		Hz / V	1~ / 50-60 / 220-240	1~ / 50-60 / 220-240	1~ / 50-60 / 220-240	1~ / 50-60 / 220-240
Energy class cooling 3)			A++	-	-	-
Pdesign cooling		kW	10,5	-	-	-
SEER			6,6	6,1	6,3	6,1
Annual power consumption		kWh / annum	557	-	-	-
Energy class heating 3)	Average climate		A+	-	-	-
Pdesign heating	Average climate	kW	7,0	-	-	-
SCOP	Average climate		4,4	4,1	4,0	4,0
Annual power consumption	Average climate	kWh / annum	2227	-	-	-
Air flow of ID	SH/H/M/L	m ³ / h	1500/1400/1200/1000	1700/1500/1300/1100	2000/1800/1600/1400	2300/2100/1900/1600
Sound pressure of ID at 1,4m 4)	SH/H/M/L	dB(A)	43/41/39/38	48/46/43/39	50/48/45/41	52/50/48/44
Sound power of ID 4)	H	dB(A)	56 / - / - / -	60 / - / - / -	64 / - / - / -	65 / - / - / -
Refrigerant type		Type	R32	R32	R32	R32
Pipe diameter - liquid side 5)		inch / mm	3/8 / 9,5	3/8 / 9,5	3/8 / 9,5	3/8 / 9,5
Pipe diameter - gas side 5)		inch / mm	5/8 / 15,9	5/8 / 15,9	5/8 / 15,9	5/8 / 15,9
Dimension of ID	w × h × d	mm	840 × 240 × 840	840 × 240 × 840	840 × 290 × 840	840 × 290 × 840
Dimension of panel	w × h × d	mm	950 × 52 × 950	950 × 52 × 950	950 × 52 × 950	950 × 52 × 950
Package dimension of ID	w × h × d	mm	933 × 272 × 903	933 × 272 × 903	933 × 335 × 903	933 × 335 × 903
Package dimension of panel	w × h × d	mm	1033 × 110 × 1020	1033 × 110 × 1020	1033 × 110 × 1020	1033 × 110 × 1020
Weight of ID	netto / brutto	kg	23,0 / 29,0	23,0 / 29,0	25,0 / 32,0	26,0 / 33,0
Weight of panel	netto / brutto	kg	9,5	9,5	9,5	9,5
Set temperature range		°C	16-30	16-30	16-30	16-30
ADDITIONAL TECHNICAL INFORMATION						
Communication cable		mm ²		4-wire cable *		
Recommended power cable		mm ²	Outdoor unit power supplied			
Recommended air switch		A	Outdoor unit power supplied			
EQUIPMENT						
Plasma generator			-	-	-	-
WiFi module			optional (integrated in SWC-05W wired controller)			
Drain pump			✓	✓	✓	✓
Max. lift (from bottom of ID unit)		mm	1000	1000	1000	1000
Door contact			✓	✓	✓	✓
Alarm contact			-	-	-	-
Fresh air inlet			✓	✓	✓	✓
Decorative panel			✓	✓	✓	✓
STANDARD ACCESSORIES						
Standard health filter			-	-	-	-
Remote controller (IR)			YAP1F7	YAP1F7	YAP1F7	YAP1F7
Wired controller			-	-	-	-
OPTIONAL ACCESSORIES						
Optional health filters			-	-	-	-
Wired controller with weekly timer			SWC-05W / SWC-07	SWC-05W / SWC-07	SWC-05W / SWC-07	SWC-05W / SWC-07
Central controller			SCC-36			
MODBUS gateway			SMG-01			
BACNET gateway			SBG-01			
Dry contact gateway			SDG-02			

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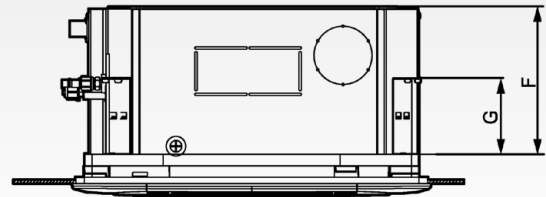
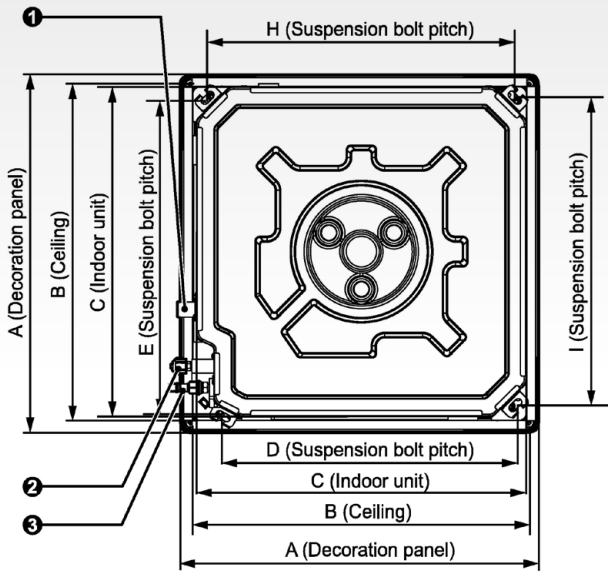
Explanatory notes on the very last page of the catalogue.

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APPEARANCE AND DIMENSIONS OF CASSETTE INDOOR UNITS

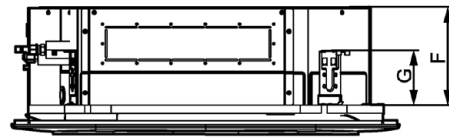
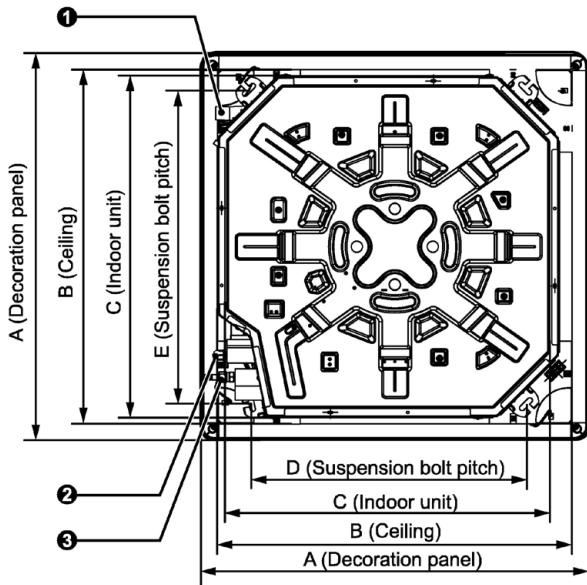
UNI SPLIT 2 SERIES

ASC-12BI2, ASC-18BI2



- ① Drain pipe
- ② Liquid pipe
- ③ Gas pipe

ASC-24BI2, ASC-30BI2, ASC-36BI2, ASC-42BI2, ASC-48BI2, ASC-60BI2



	A	B	C	D	E	F	G	H	I
ASC-12BI2	620	580	570	505	550	260	140	530	530
ASC-18BI2	620	580	570	505	550	260	140	530	530
ASC-24BI2	950	890	840	680	780	200	135	(680)	(780)
ASC-30BI2	950	890	840	680	780	200	135	(680)	(780)
ASC-36BI2	950	890	840	680	780	240	135	(680)	(780)
ASC-42BI2	950	890	840	680	780	240	135	(680)	(780)
ASC-48BI2	950	890	840	680	780	290	135	(680)	(780)
ASC-60BI2	950	890	840	680	780	290	135	(680)	(780)

units: mm