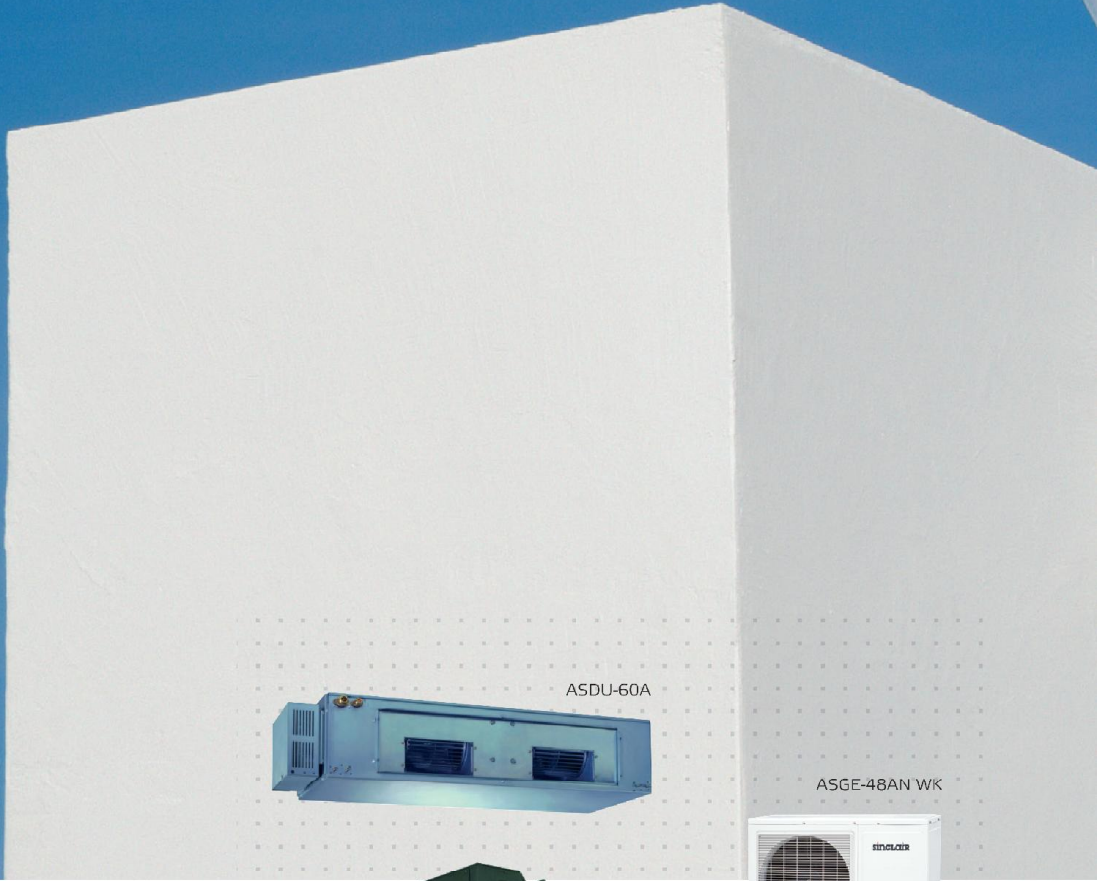


UNI ON/OFF SERIES



- ASFU-48AN
- ASCU-48AN
- ASDU-48AN
- ASGE-48AN WK
- ASDU-60A
- ASGE-60A WK

- Anticorrosion treatment of exchangers
- 3-year warranty
- Autorestart function
- Fresh air supply (cassette units)
- Standard water pump (cassette units)



OPTIONAL ACCESSORIES



TECHNICAL PARAMETERS



MODEL-ID			ASFU-48AN	ASCU-48AN	ASDU-48AN	ASDU-60A
MODEL-OD			ASGE-48AN WK	ASGE-48AN WK	ASGE-48AN WK	ASGE-60A WK
Capacity	Cooling	kW	13,2	13,2	13,2	16,0
	Heating	kW	14,5	14,5	14,5	18,5
Power supply	ID	Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
	OD	Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
Power input cooling / heating	W		5000 / 4800	4800 / 5200	5100 / 4600	6500 / 5500
Current cooling / heating	A		11,0 / 10,5	10,5 / 11,3	10,5 / 9,8	11,8 / 10,0
Air flow	ID	m³/h	2100/1900/1800	1660/1570/1500	2300 / 2110 / 1850	2500 / 2070 / 1730
	OD	m³/h	6000	6000	6000	6200
Sound pressure level	ID	dB(A)	58/55/52	53/51/48	53/50/46	53/50/48
	OD	dB(A)	63	63	63	64
External static pressure - rated / range	Pa		-	-	50 (0-150)	50 (0-150)
Refrigerant	Type / kg / t eq.CO ₂		R410A / 3,8 / 7,93	R410A / 3,8 / 7,93	R410A / 3,8 / 7,93	R410A / 5,0 / 10,44
Pipe diameter	Liquid side	inch / mm	½ / 12,7	½ / 12,7	½ / 12,7	½ / 12,7
	Gas side	inch / mm	¾ / 19,1	¾ / 19,1	¾ / 19,1	¾ / 19,1
Max. pipe length	m		50	50	50	50
Max. elevation / Drop height	m		30	30	30	30
Standard pipe length	m		7	7	7	7
Additional refrigerant	g/m		120	120	120	120
Dimension (w x h x d)	ID	mm	1590x695x238	840x320x840	1226x290x775	1125x330x815
	OD	mm	1032x1250x412	1032x1250x412	1032x1250x412	1032x1250x412
	Panel	mm	-	950x60x950	-	-
Package dimension (w x h x d)	ID	mm	1717x833x345	963x409x963	1338x837x305	1338x885x345
	OD	mm	1113x1400x453	1113x453x1400	1113x1400x453	1113x1400x453
	Panel	mm	-	1028x130x1043	-	-
Net/ gross weight	ID	kg	48,0 / 58,0	32,0 / 43,0	57,0 / 67,0	66,0 / 76,0
	OD	kg	112,0 / 123,0	112,0 / 123,0	112,0 / 123,0	123,0 / 134,0
	Panel	kg	-	6,5 / 10,5	-	-
Operating temperature range	Cooling	°C	-15 ~ 43	-15 ~ 43	-15 ~ 43	-15 ~ 43
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

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. Data are based on following conditions: Length of connection pipe: 5m. Cooling: indoor temperature 27°C DB/19°C WB, outdoor temperature 35°C DB/24°C WB. Heating condition: indoor temperature 20°C DB/15°C WB, outdoor temperature 7°C DB/6°C WB. Contains fluorinated greenhouse gases covered by the Kyoto Protocol. R410A (50% HFC-32, 50% HFC-125), GWP of refrigerant used: 2088. Noise is tested in the semi-anechoic room, so it should be slightly higher in the actual operation due to environmental change. Power input is tested under standard condition.