



Hybrid Engineering



Hybrid split air conditioning advantages:

- Low operating costs with high SEER/SCOP
- Comfort sleep mode: You can sleep comfortably by increasing the set value (in cooling mode) or decreasing it (in heating mode) in accordance with the metabolic rate of sleep.
- A comfortable and economical heating is possible by switching to defrost only when necessary.
- Homogeneous air distribution with wide blade angles.
- The possibility of reaching the desired indoor temperature faster with the turbo function
- Cold air blowing protection in heating mode: The gas temperature inside the indoor coil prevents cold air blowing in before it reaches the set temperature.
- Timer setting from 1 to 24 hours
- Operating outdoor temperatures:
Cooling mode; -10 °C~43 °C
Heating mode; -15 °C 24 °C
- Intelligent automatic Re-start feature: After the power cutting, the air conditioner continues to operate in the setting before the power cutting.
- In severe winter conditions, keeping it constant at 10 °C even when there is no one at home is possible with the „+10 °C Heating“ function.



Hibrid İklimlendirme Mühendislik Enerji Çözümleri ve Dış Tic. Ltd. Şti.

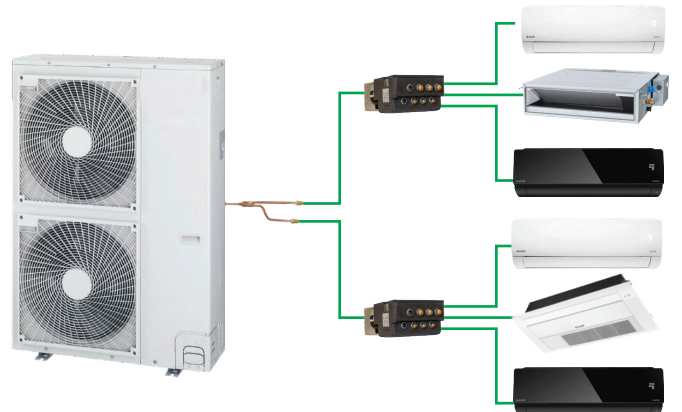
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Capacity- Nominal	Cooling	kW	2,6 (0,8~3,0)	3,5 (0,8~3,70)	5,0 (1,35~5,8)	7,0 (2,2~8,5)
(Min.~Max.)		Btu/h	8.870 (2.730~10.238)	11.944 (2.730~12.627)	17060 (4.430~19.790)	23.880 (7500~29.000)
	Heating	kW	2,8 (0,8~3,2)	3,6 (0,8~4,2)	5,2 (1,4~6,0)	8,1 (2,4~10)
		Btu/h	9.555 (2.730~10.920)	12.286 (2.730~14.333)	17740 (4.770~20.470)	27640 (8.190~34.120)
Design power	Cooling/Heating	kW	2,6/2,1	3,5/2,8	5/4,6	7/5,6
Compressor type				Rotary		
Power draw	Cooling	W	800 (300~1.200)	1.240 (300~1.600)	1.528 (380~2.450)	2160 (700~2.900)
Nominal (Min.~Max.)	Heating	W	750 (300~1.400)	1050 (300~1.600)	1.410 (350~2.600)	2.180 (700~2.900)
Voltage, frequency, phase				220-240 V, 50 Hz / 1 phase		
GWP (R32)		CO ₂		675		
SEER/SCOP		W/W	6,1/4,0	6,1/4,0	6,1/4,0	7,1/4,0
Energy classes			A++/A+	A++/A+	A++/A+	A++/A+
Air flow rate	Indoor unit (SY/Y/O/D)	m ³ /h	550/500/400/320	600/550/450/350	1.000/900/800/600	1.200/1.000/900/650
Dehumidification		l/h	1,2	1,6	2,0	2,8
Sound pressure level	Indoor unit (SY/Y/O/D)	dB(A)	37/32/28/18	37/33/29/19	44/40/35/28	47/43/37/30
	Outdoor unit	dB(A)	49	50	53	52
Sound power level	Indoor unit	dB(A)	54	56	57	60
	Outdoor unit	dB(A)	62	62	65	65
Dimensions	Indoor unit	mm	708x263x190	820x280x195	1008x318x225	1125x335x240
(LxHxD)	Outdoor unit	mm	700x544x245	700x544x245	800x550x280	890x697x353
Dimensions with packaging	Indoor unit	mm	771x330x255	909x355x279	1085x403x329	1206x418x342
(LxHxD)	Outdoor unit	mm	845x593x320	845x593x320	1.029x750x458	1046x780x460
Net weight	Indoor unit	kg	7,4	8,2	11,6	14
	Outdoor unit	kg	22,6	22,8	32,7	47,3
Gross weight	Indoor unit	kg	8,8	10,5	14,4	17,5
	Outdoor unit	kg	25,1	25,3	36,5	52,3
Diameters of pipes	Liquid/gas	inch	1/4"-3/8"	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"
		mm	Ø 6-9,52	Ø 6-9,52	Ø 6-12	Ø 6-12
Piping (Max.)	Length	m	15	15	25	25
	Height difference	m	10	10	15	15
Operating outdoor temperatures	Cooling mode		-10 °C~43 °C	-10 °C~43 °C	-20 °C~43 °C	-20 °C~43 °C
	Heating mode		-15 °C~24 °C	-15 °C~24 °C	-20 °C~24 °C	-20 °C~24 °C