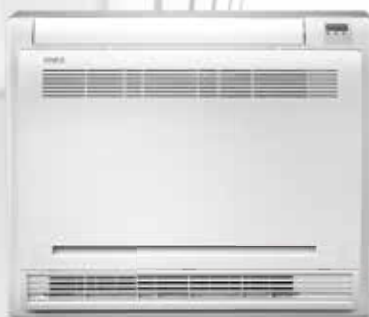


VIVAX



Catalogue of
air conditioners
2022

Multi- split systems DC Inverter



Wide range of options

The wide range of outdoor units and the possibility of connecting 2 to 5 Indoor units enable the wide application of these air conditioners with special emphasis on commercial and residential spaces. Indoor units come in 5 different versions: wall, cassette, floor, floor-ceiling and duct. It is possible to choose between 21 different Indoor units with a capacity range from 2.22 kW to 7.03 kW.



NEW TECHNOLOGICAL SOLUTIONS OF HIGH ENERGY EFFICIENCY

VIVAX air conditioners are the ideal solution for air conditioning of business or residential space – they are designed to meet the requirements of both the user and the space to be air-conditioned. Durability of the device, reasonable price and A ++ class of energy efficiency are the best choice that ranks VIVAX multi split DC inverters among the leading air conditioners in this segment of air conditioning.

Flexible positioning of the outdoor unit

The maximum length of the installation is 80 m high, which allows very easy positioning of the device in relation to the external dimensions of the building. The outdoor unit can easily be placed on the roof of the building or the courtyard side of the building to keep the outdoor appearance intact.

Wall Indoor units

AERI | AEVI | AEMI



Ionizer



Anti-corrosion protection - gold coating



Heating at temp. of -20 °C



3D DC Inverter



Wi-Fi ready



Mono and multi compatibility



Operating range up to -20 °C



Heating



Cooling



3D air flow



Wi-Fi ready



Mono and multi compatibility



Biofilter



Anti-corrosion protection - gold coating



3D DC Inverter



I Feel function



Automatic operating mode



Wi-Fi ready

	Model	ACP-07CH21AEMI/I	ACP-09CH25AERI/I+ R32	ACP-12CH35AERI/I+ R32	ACP-18CH50AERI/I+ R32	ACP-12CH35AEVI/I2s R32
Indoor unit	Capacity (W)	2052	2638	3517	5275	3517
	Capacity (W)	2346	2931	3810	5568	3810
	Air flow (m³/h) - HI / MID / LOW	520 / 460 / 340	483 / 362 / 303	584 / 477 / 395	730 / 500 / 420	558 / 478 / 384
	Coolant	R32	R32	R32	R32	R32
	Dehumidifying capacity (L/h)	1.0	1.0	1.2	1.8	1.2
	Noise - Sound Pressure (dB(A)) - HI / MID / LOW / SI	40 / 30 / 26 / 21	42 / 35 / 25 / 21.5	42 / 35 / 25 / 22	43 / 38 / 33.5 / 28	37.5 / 32 / 30 / 24
	Volume under standard conditions (dB)	≤ 54	≤ 56	≤ 56	≤ 57	≤ 51
	Packaging dimensions (mm)	870 x 270 x 360	875 x 285 x 375	875 x 285 x 375	1045 x 305 x 410	985 x 385 x 265
	Device dimensions (mm)	805 x 194 x 285	802 x 189 x 297	802 x 189 x 297	965 x 215 x 319	897 x 312 x 182
	Gross / net weight (kg)	9.7 / 7.5	11.1 / 8.6	11.1 / 8.6	14.2 / 10.9	14.2 / 10.5
Connections	Liquid phase pipe diameter	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas phase pipe diameter	3/8"	3/8"	3/8"	1/2"	3/8"
Interconnect cable	Outdoor unit power supply (mm²)	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0	5 x 1.5
	Power Supply	~220-240V/1/50Hz; Outdoor unit				

Floor Indoor units

CT AERI



	Model	ACP-12CT35AERI/I3	ACP-18CT50AERI/I3
❄️	Capacity (W)	3517	4982
	Cooling operating range	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C
☀️	Capacity (W)	3810	4982
	Heating operating range	-20 °C ≤ T ≤ 24 °C	-20 °C ≤ T ≤ 24 °C
Indoor unit	Air flow (m³/h) - HI / MID / LOW	620 / 520 / 420	670 / 620 / 510
	Coolant	R32	R32
	Dehumidifying capacity (L/h)	1.2	1.8
	Noise - Sound Pressure (dB(A)) - HI / MID / LOW	41.5 / 38 / 33.5	45 / 39 / 36
	Volume under standard conditions (dB)	≤ 58	≤ 60
	Packaging dimensions (mm)	903 x 731 x 295	903 x 731 x 295
	Device dimensions (mm)	793 x 621 x 200	793 x 621 x 200
	Gross / net weight (kg)	19 / 15.5	19 / 15.5
Connections	Liquid phase pipe diameter	1/4"	1/4"
	Gas phase pipe diameter	3/8"	1/2"
Interconnect cable	Outdoor unit power supply (mm²)	4 x 1.0	4 x 1.0
	Power Supply	~220-240V/1/50Hz; Outdoor unit	

Floor-ceiling Indoor units

CF AERI



	Model	ACP-18CF50AERI/I3
❄️	Capacity (W)	5280
	Cooling operating range	-15 °C ≤ T ≤ 50 °C
☀️	Capacity (W)	5570
	Heating operating range	-20 °C ≤ T ≤ 30 °C
Indoor unit	Air flow (m³/h) - HI / MID / LOW	958 / 839 / 723
	Coolant	R32
	Dehumidifying capacity (L/h)	1.8
	Noise - Sound Pressure (dB(A)) - HI / MID / LOW / SI	43.5 / 41 / 36.5 / 24
	Volume under standard conditions (dB)	≤ 57
	Packaging dimensions (mm)	1145 x 755 x 318
	Device dimensions (mm)	1068 x 675 x 235
	Gross / net weight (kg)	33.3 / 28
Connections	Liquid phase pipe diameter	1/4"
	Gas phase pipe diameter	1/2"
Interconnect cable	Outdoor unit power supply (mm²)	4 x 1.0
	Power Supply	~220-240V/1/50Hz; Outdoor unit

Cassette Indoor units

CC AERI



	Model	ACP-09CCIFM25AERI	ACP-12CC35AERI/i3	ACP-18CC50AERI/i3
❄️	Capacity (W)	2638	3517	5280
	Cooling operating range	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C
☀️	Capacity (W)	2931	4103	5422
	Heating operating range	-20 °C ≤ T ≤ 24 °C	-20 °C ≤ T ≤ 24 °C	-20 °C ≤ T ≤ 24 °C
Indoor unit	Air flow (m³/h) - HI / MID / LOW	580 / 500 / 450	617 / 504 / 415	680 / 560 / 500
	Coolant	R32	R32	R32
	Dehumidifying capacity (L/h)	1.0	1.2	1.8
	Noise - Sound Pressure (dB(A)) - HI / MID / LOW	38 / 33 / 29	41 / 37 / 34	44 / 42 / 41
	Volume under standard conditions (dB)	≤ 53	≤ 58	≤ 56
	Device packaging dimensions (mm)	662 x 662 x 317	662 x 662 x 317	662 x 662 x 317
	Panel packaging dimensions (mm)	715 x 715 x 123	715 x 715 x 123	715 x 715 x 123
	Device dimensions (mm)	570 x 570 x 260	570 x 570 x 260	570 x 570 x 260
	Panel dimension (mm)	647 x 647 x 50	647 x 647 x 50	647 x 647 x 50
	Gross / net weight panela (kg)	4.5 / 2.5	4.5 / 2.5	4.5 / 2.5
Connections	Gross / net weight (kg)	17.3 / 14.5	21.4 / 16.2	21.4 / 16.2
	Liquid phase pipe diameter	1/4"	1/4"	1/4"
Interconnect cable	Gas phase pipe diameter	3/8"	3/8"	1/2"
	Outdoor unit power supply (mm²)	4 x 1.0	4 x 1.0	4 x 1.0
	Power Supply	~220-240V/1/50Hz; Outdoor unit		





Duct Indoor units

DT AERI



	Model	ACP-12DT35AERI/I3	ACP-18DT50AERI/I3
Indoor unit	Capacity (W)	3517	5280
	Cooling operating range	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C
	Capacity (W)	3810	5568
	Heating operating range	-20 °C ≤ T ≤ 30 °C	-20 °C ≤ T ≤ 30 °C
	Air flow (m³/h) - HI / MID / LOW	600 / 480 / 300	880 / 650 / 350
	Coolant	R32	R32
	Dehumidifying capacity (L/h)	1.2	1.8
	Noise - Sound Pressure (dB(A)) - HI / MID / LOW	40 / 34.5 / 27.5	41.5 / 38 / 33
	Volume under standard conditions (dB)	≤ 59	≤ 59
	Packaging dimensions (mm)	860 x 540 x 275	1070 x 725 x 280
Connections	Device dimensions (mm)	700 x 450 x 200	880 x 674 x 210
	Gross / net weight (kg)	22 / 18	29.6 / 24.3
Interconnect cable	Liquid phase pipe diameter	1/4"	1/4"
	Gas phase pipe diameter	3/8"	1/2"
	Outdoor unit power supply (mm²)	4 x 1.0	4 x 1.0
	Power Supply	~220-240V/1/50Hz; Outdoor unit	

PRIMEGUARD COATING FOR LONG-LASTING PERFORMANCE

The unique anti-corrosion gold coating on the heat exchanger can withstand salt air, rain and other corrosive elements. It also effectively prevents the growth of bacteria and improves heating efficiency.





R32 gas



3D DC Inverter



Heating at a temp. of -20 °C



Cooling at a temp. of -15 °C



The protective cover of the valve



Error detection and display



Chasis Heating Belt



Compressor Heating Belt



Last mode memory

Outdoor units

COFM AERI

A++ Cooling SEER 7.0

A+ Heating SCOP 4.0



Flexible installation

The maximum length of the cooling pipes can be up to 80 m. The maximum difference in height between the indoor and outdoor unit can be up to 30 m.

	Model	ACP-14COFM40AERis R32	ACP-18COFM50AERis R32	ACP-21COFM60AERis R32	ACP-27COFM79AERis R32	ACP-28COFM82AERis R32	ACP-36COFM105AERis R32	ACP-42COFM123AERis R32
Cooling	Capacity (W)	4103 (1553-4982)	5275 (2286-5715)	6155 (1993-6594)	7913 (3077-8206)	8206 (2052-9847)	10550 (3194-11430)	12309 (3165-12309)
	Energy efficiency class	A++	A++	A++	A++	A++	A++	A++
	Energy Efficiency SEER	6.8	6.3	6.1	6.3	7.0	6.3	6.1
	Cooling operating range	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C	-15 °C ≤ T ≤ 50 °C
	Estimated load on cooling (W)	4100	5300	6100	7900	8200	10500	12300
	Power input (W)	1270 (100-1670)	1635 (690-2000)	1905 (180-2200)	2450 (220-3120)	2500 (880-3130)	3270 (295-4150)	3810 (180-4650)
Heating	Capacity (W)	4396 (1612-4982)	5570 (2403-5744)	6448 (1450-6682)	8206 (2403-8206)	8790 (2345-10550)	10550 (3107-12924)	12310 (3370-12310)
	Energy efficiency class	A+	A+	A+	A+	A+	A+	A
	Energy Efficiency SCOP	4.0	4.5	5.1	5.7	6.5	8.8	9.5
	Heating operating range	-20 °C ≤ T ≤ 24 °C	-20 °C ≤ T ≤ 24 °C	-20 °C ≤ T ≤ 24 °C	-20 °C ≤ T ≤ 24 °C	-20 °C ≤ T ≤ 24 °C	-20 °C ≤ T ≤ 24 °C	-20 °C ≤ T ≤ 24 °C
	Estimated load on heating	3.7	4.3	5.1	5.7	6.5	8.8	9.5
	Power input (W)	1185 (220-1750)	1500 (600-1780)	1738 (350-1800)	2210 (320-2900)	2400 (840-3000)	2880 (603-4483)	3315 (550-4050)
Outdoor unit	Coolant	R32	R32	R32	R32	R32	R32	R32
	Maximum number of indoor units	2	2	3	3	4	4	5
	Noise - Sound Pressure (dB(A))	≤ 56	≤ 54	≤ 58	≤ 58	≤ 61	≤ 62	≤ 64
	Volume under standard conditions (dB)	≤ 65	≤ 65	≤ 65	≤ 68	≤ 69	≤ 69	≤ 70
	Bracket distance (mm)	514	514	663	663	673	673	673
	Packaging dimensions (mm)	915 x 370 x 615	915 x 370 x 615	1030 x 438 x 750	1030 x 438 x 750	1090 x 500 x 875	1090 x 500 x 875	1090 x 500 x 875
	Device dimensions (mm)	800 x 333 x 554	800 x 333 x 554	890 x 342 x 673	890 x 342 x 673	946 x 410 x 810	946 x 410 x 810	946 x 410 x 810
	Gross / net weight (kg)	34.7 / 31.6	38 / 35	47.1 / 43.3	51.8 / 48	67.7 / 62.1	75.6 / 68.8	80.4 / 73.3
Connections	Liquid phase pipe diameter	1/4"	1/4"	1/4"	1/4"	1/4"	4" x 1/4"	5" x 1/4"
	Gas phase pipe diameter	3/8"	3/8"	3/8"	3/8"	3 x 3/8" + 1 x 1/2"	3 x 3/8" + 1 x 1/2"	4 x 3/8" + 1 x 1/2"
	Maximum pipe length (m)	40	40	60	60	80	80	80
	Maximum height difference (m) (OU above IU/OU below IU)	15 / 10	15 / 10	15 / 10	15 / 10	15 / 10	15 / 10	15 / 10
	Pre-filled pipe length (m)	15	15	22.5	22.5	30	30	37.5
	Gas refill	(Installation length to each IU x 15 g/m) - 15	(Installation length to each IU x 15 g/m) - 15	(Installation length to each IU x 22.5 g/m) - 22.5	(Installation length to each IU x 22.5 g/m) - 22.5	(Installation length to each IU x 30 g/m) - 30	(Installation length to each IU x 30 g/m) - 30	(Installation length to each IU x 37.5 g/m) - 37.5
Interconnect cable	Power Supply (mm²)	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	3 x 4.0
~220-240V/1/50Hz; Outdoor unit								

Multi-split combinations

Cooling (kW)						Heating (kW)					
Unit	A	B	C	D	Total	A	B	C	D	Total	

ACP-14COFM50AERI R32

2 indoor units	7+7	2.05	2.05	-	-	4.10	(176- 492)	2.40	2.20	-	-	4.40	(189- 528)
	7+9	1.79	2.31	-	-	4.10	(176- 492)	1.93	2.48	-	-	4.40	(189- 528)
	7+12	1.51	2.59	-	-	4.10	(176- 492)	1.82	2.78	-	-	4.40	(189- 528)
	9+9	2.05	2.05	-	-	4.10	(176- 492)	2.20	2.20	-	-	4.40	(189- 528)
	9+12	1.76	2.34	-	-	4.10	(176- 492)	1.89	2.51	-	-	4.40	(189- 528)

Cooling (kW)						Heating (kW)					
Unit	A	B	C	D	Total	A	B	C	D	Total	

ACP-18COFM50AERI R32

2 indoor units	7+7	2.25	2.25	-	-	4.50	(189- 495)	2.40	2.40	-	-	4.80	(202- 518)
	7+9	2.24	2.66	-	-	4.90	(206- 539)	2.34	2.66	-	-	5.00	(21- 625)
	7+12	2.23	3.20	-	-	5.43	(228- 587)	2.29	3.29	-	-	5.58	(234- 603)
	7+18	2.22	3.33	-	-	5.55	(233- 61)	2.22	3.62	-	-	5.84	(245- 63)
	9+9	2.65	2.65	-	-	5.30	(223- 583)	2.78	2.78	-	-	5.57	(234- 601)
	9+12	2.47	2.99	-	-	5.46	(229- 59)	2.71	2.98	-	-	5.68	(239- 608)
	9+18	2.38	3.20	-	-	5.58	(234- 603)	2.50	3.37	-	-	5.86	(246- 621)
	12+12	2.76	2.76	-	-	5.52	(232- 596)	2.90	2.90	-	-	5.80	(244- 609)

Cooling (kW)						Heating (kW)					
Unit	A	B	C	D	Total	A	B	C	D	Total	

ACP-21COFM60AERI R32

2 indoor units	7+7	2.10	2.10	-	-	4.20	(201- 549)	2.50	2.50	-	-	5.00	(218- 594)
	7+9	2.06	2.64	-	-	4.70	(201- 580)	2.45	3.15	-	-	5.60	(218- 627)
	7+12	1.95	3.35	-	-	5.30	(201- 610)	2.17	3.73	-	-	5.90	(218- 660)
	7+18	1.76	4.54	-	-	6.30	(201- 683)	1.82	4.68	-	-	6.50	(218- 739)
	9+9	2.65	2.65	-	-	5.30	(201- 641)	2.95	2.95	-	-	5.90	(218- 693)
	9+12	2.57	3.43	-	-	6.00	(201- 659)	2.70	3.60	-	-	6.30	(218- 713)
2 indoor units	9+18	2.10	4.20	-	-	6.30	(201- 683)	2.20	4.40	-	-	6.60	(218- 739)
	12+12	3.10	3.10	-	-	6.20	(201- 683)	3.15	3.15	-	-	6.30	(218- 739)

3 indoor units	7+7+7	2.03	2.03	2.03	-	6.10	(244- 720)	2.20	2.20	2.20	-	6.60	(231- 779)
	7+7+9	1.92	1.92	2.47	-	6.30	(244- 726)	2.02	2.02	2.60	-	6.65	(231- 779)
	7+7+12	1.70	1.70	2.91	-	6.30	(244- 732)	1.80	1.80	3.09	-	6.70	(231- 792)
	7+9+9	1.76	2.27	2.27	-	6.30	(244- 732)	1.88	2.41	2.41	-	6.70	(231- 792)
	7+9+12	1.58	2.03	2.70	-	6.30	(244- 732)	1.68	2.15	2.87	-	6.70	(231- 792)
	9+9+9	2.10	2.10	2.10	-	6.30	(244- 732)	2.23	2.23	2.23	-	6.70	(231- 792)
3 indoor units	9+9+12	1.89	1.89	2.52	-	6.30	(244- 732)	2.01	2.01	2.68	-	6.70	(231- 792)

Cooling (kW)						Heating (kW)					
Unit	A	B	C	D	Total	A	B	C	D	Total	

ACP-27COFM79AERI R32

2 indoor units	7+7	2.20	2.20	-	-	4.20	(176- 546)	2.20	2.60	-	-	4.80	(202- 581)
	7+9	2.08	2.67	-	-	4.75	(200- 618)	2.34	3.01	-	-	5.35	(225- 670)
	7+12	1.92	3.28	-	-	5.20	(218- 676)	2.23	3.82	-	-	6.05	(254- 730)
	7+18	2.03	5.22	-	-	7.25	(305- 815)	2.08	5.34	-	-	7.42	(312- 830)
	9+9	2.60	2.60	-	-	5.20	(218- 676)	3.24	3.24	-	-	6.48	(272- 715)
	9+12	2.57	3.43	-	-	6.00	(252- 750)	3.24	4.31	-	-	7.55	(317- 776)
2 indoor units	9+18	2.50	5.00	-	-	7.50	(315- 825)	2.72	5.43	-	-	8.15	(342- 842)
	12+12	3.23	3.23	-	-	6.45	(271- 780)	3.90	3.90	-	-	7.80	(328- 813)
	12+18	3.08	4.62	-	-	7.70	(323- 830)	3.32	4.98	-	-	8.30	(349- 860)
	18+18	4.03	4.03	-	-	8.06	(339- 835)	4.30	4.30	-	-	8.60	(361- 888)

3 indoor units	7+7+7	2.48	2.48	2.48	-	7.44	(312- 764)	2.57	2.57	2.57	-	7.72	(324- 788)
	7+7+9	2.29	2.29	2.94	-	7.51	(316- 780)	2.40	2.40	3.08	-	7.88	(331- 810)
	7+7+12	2.09	2.09	3.58	-	7.75	(326- 815)	2.19	2.19	3.75	-	8.13	(341- 830)
	7+7+18	1.76	1.76	4.54	-	8.07	(339- 835)	1.87	1.87	4.80	-	8.54	(359- 878)
	7+9+9	2.16	2.78	2.78	-	7.71	(324- 812)	2.23	2.86	2.86	-	7.95	(334- 825)
	7+9+12	1.89	2.62	3.64	-	8.15	(342- 825)	2.06	2.65	3.54	-	8.25	(347- 855)
3 indoor units	7+9+18	1.78	2.37	4.05	-	8.20	(344- 846)	1.79	2.30	4.61	-	8.70	(366- 895)
	7+12+12	1.82	3.07	3.07	-	7.95	(334- 835)	1.93	3.31	3.31	-	8.54	(359- 878)
	7+12+18	1.75	2.80	3.60	-	8.15	(342- 840)	1.90	3.20	3.55	-	8.65	(363- 891)
	9+9+9	2.64	2.64	2.64	-	7.91	(332- 831)	2.74	2.74	2.74	-	8.21	(345- 854)
	9+9+12	2.39	2.39	3.18	-	7.95	(334- 835)	2.51	2.51	3.35	-	8.37	(352- 871)
	9+9+18	2.32	2.32	3.56	-	8.20	(344- 846)	2.42	2.42	3.81	-	8.65	(363- 891)
3 indoor units	9+12+12	2.25	2.90	2.90	-	8.05	(338- 837)	2.26	3.02	3.02	-	8.30	(362- 888)
	9+12+18	2.18	2.80	3.27	-	8.25	(347- 846)	2.28	2.32	4.30	-	8.90	(374- 910)
	12+12+12	2.74	2.74	2.74	-	8.21	(345- 846)	2.96	2.96	2.96	-	8.87	(372- 904)

Cooling (kW)						Heating (kW)					
Unit	A	B	C	D	Total	A	B	C	D	Total	

ACP-28COFM82AERI R32

2 indoor units	7+7	2.28	2.28	-	-	4.56	(192- 556)	2.38	2.38	-	-	4.76	(309- 580)
	7+9	2.37	3.07	-	-	5.44	(228- 684)	2.63	3.41	-	-	6.04	(392- 736)
	7+12	2.35	3.75	-	-	6.1	(256- 744)	2.55	4.09	-	-	6.64	(431- 810)
	7+18	2.12	5.61	-	-	7.73	(325- 908)	2.29	6.07	-	-	8.36	(543- 98)
	9+9	3.02	3.02	-	-	6.04	(254- 737)	3.32	3.32	-	-	6.64	(431- 810)
	9+12	2.81	3.45	-	-	6.26	(263- 764)	3.08	3.78	-	-	6.86	(445- 836)
2 indoor units	9+18	2.59	5.29	-	-	7.88	(331- 911)	2.77	5.65	-	-	8.42	(547- 1002)
	12+12	3.65	3.65	-	-	7.3	(307- 891)	3.58	3.58	-	-	7.15	(464- 872)
	12+18	3.06	5.06	-	-	8.12	(341- 918)	3.15	5.21	-	-	8.36	(543- 98)
	18+18	4.51	4.51	-	-	9.02	(379- 979)	4.00	4.00	-	-	8.00	(543- 101)

3 indoor units	7+7+7	2.09	2.09	2.09	-	6.28	(264- 766)	2.28	2.28	2.28	-	6.85	(445- 835)
	7+7+9	2.21	2.21	2.88	-	7.3	(307- 891)	2.36	2.36	3.06	-	7.78	(505- 949)
	7+7+12	2.10	2.10	3.36	-	7.56	(318- 902)	2.32	2.32	3.72	-	8.36	(543- 96)
	7+7+18	1.86	1.86	4.93	-	8.65	(363- 944)	2.02	2.02	5.35	-	9.38	(609- 102)
	7+9+9	1.90	2.45	2.88	-	7.03	(318- 902)	2.32	3.02	3.02	-	8.36	(543- 96)
	7+9+12	2.02	2.63	3.23	-	7.88	(331- 911)	2.18	2.84	3.50	-	8.52	(553- 100)
3 indoor units	7+9+18	1.81	2.35	4.80	-	8.96	(376- 974)	1.88	2.57	4.96	-	9.5	(635- 104)
	7+12+12	1.93	3.09	3.09	-	8.12	(341- 918)	2.11	3.38	3.38	-	8.86	(575- 1011)
	7+12+18	1.72	2.75	4.55	-	9.02	(379- 979)	1.89	3.02	5.01	-	9.92	(644- 1056)
	9+9+9	2.63	2.63	2.63	-	7.88	(331- 911)	2.84	2.84	2.84	-	8.52	(553- 100)
	9+9+12	2.51	2.51	3.09	-	8.12	(341- 918)	2.74	2.74	3.38	-	8.86	(575- 1011)
	9+9+18	2.23	2.23	4.55	-	9.02	(379- 979)	2.46	2.46	5.01	-	9.92	(644- 1056)
3 indoor units	9+12+12	2.50	3.08	3.08	-	8.65	(363- 944)	2.71	3.34	3.34	-	9.38	(609- 102)
	9+12+18	2.13	2.62	4.34	-	9.09	(382- 982)	2.36	2.91	4.81	-	10.08	(655- 106)
	12+12+12	2.95	2.95	2.95	-	8.85	(372- 97)	3.25	3.25	3.25	-	9.76	(634- 1052)
	12+12+18	2.85	2.85	4.10	-	9.8	(411- 994)	3.10	3.10	3.90	-	10.1	(67- 106)

4 indoor units	7+7+7+7	2.05	2.05	2.05	2.05	11.07	(534- 900)	2.27	2.27	2.27	1.98	8.79	(636- 100)
	7+7+7+9	1.98	1.98	1.98	2.56	8.50	(553- 935)	2.17	2.17	2.17	2.83	9.34	(654- 1018)

Cooling (kW)							Heating (kW)						
Unit	A	B	C	D	E	Total	A	B	C	D	E	Total	

ACP-36COFM105AERI R32

2 indoor units	7+7	2.08	2.08	-	-	4.16 (1.71- 5.03)	2.38	2.38	-	-	4.76 (2.00- 5.85)
	7+9	2.37	3.07	-	-	5.44 (2.23- 6.58)	2.63	3.41	-	-	6.04 (2.54- 7.34)
	7+12	2.25	3.59	-	-	5.84 (2.39- 7.07)	2.44	3.90	-	-	6.34 (2.66- 7.8)
	7+18	1.98	5.24	-	-	7.22 (2.98- 8.74)	2.37	6.28	-	-	8.65 (3.63- 10.64)
	9+9	2.92	2.92	-	-	5.84 (2.39- 7.07)	3.17	3.17	-	-	6.34 (2.66- 7.8)
	9+12	2.62	3.22	-	-	5.84 (2.39- 7.07)	3.07	3.77	-	-	6.84 (2.87- 8.41)
	9+18	2.68	5.47	-	-	8.15 (3.34- 9.86)	2.90	5.92	-	-	8.82 (3.7- 10.85)
3 indoor units	12+12	3.14	3.14	-	-	6.28 (2.57- 7.60)	3.61	3.61	-	-	7.22 (3.03- 8.88)
	12+18	3.07	5.08	-	-	8.15 (3.34- 9.86)	3.32	5.50	-	-	8.82 (3.7- 10.85)
	18+18	5.00	4.00	-	-	10.0 (4.31- 12.7)	5.55	5.55	-	-	11.1 (4.66- 13.65)

3 indoor units	7+7+7	2.09	2.09	2.09	-	6.28 (2.57- 7.6)	2.28	2.28	2.28	-	6.84 (2.87- 8.41)
	7+7+9	2.05	2.05	3.12	-	7.22 (2.98- 8.74)	2.19	2.19	2.84	-	7.22 (3.03- 8.88)
	7+7+12	2.01	2.01	3.21	-	7.22 (2.98- 8.74)	2.40	2.40	3.84	-	8.65 (3.63- 10.64)
	7+7+18	2.00	2.00	5.75	-	9.75 (4.00- 11.8)	2.33	2.33	6.18	-	10.85 (4.56- 13.35)
	7+9+9	1.96	2.52	2.52	-	7.00 (2.96- 8.54)	2.30	2.88	3.47	-	8.65 (3.63- 10.64)
	7+9+12	2.12	2.72	3.31	-	8.15 (3.34- 9.86)	2.22	2.78	3.65	-	8.65 (3.63- 10.64)
	7+9+18	2.02	2.68	5.80	-	10.5 (4.31- 12.7)	2.10	2.68	6.32	-	11.1 (4.66- 13.65)
4 indoor units	12+12+12	1.94	3.10	3.10	-	8.15 (3.34- 9.86)	2.28	3.91	3.91	-	10.01 (3.7- 10.976)
	12+12+18	1.89	3.05	5.56	-	10.5 (4.31- 12.7)	2.01	3.18	5.91	-	11.1 (4.66- 13.65)
	12+18+18	1.88	4.98	4.98	-	11.84 (4.85- 13.8)	1.85	4.89	4.89	-	11.63 (4.88- 14.3)
	9+9+9	2.72	2.72	2.72	-	8.15 (3.34- 9.86)	2.88	2.88	2.88	-	8.65 (3.63- 10.64)
	9+9+12	2.52	2.62	2.91	-	8.15 (3.34- 9.86)	2.73	2.73	3.38	-	8.82 (3.7- 10.85)
	9+9+18	2.55	2.55	5.40	-	10.5 (4.31- 12.7)	2.75	2.75	5.60	-	11.1 (4.66- 13.65)
	9+12+12	2.82	3.47	3.47	-	9.75 (4.00- 11.8)	3.13	3.86	3.86	-	10.85 (4.56- 13.35)
5 indoor units	9+12+18	2.63	3.20	4.16	-	9.99 (3.73- 11.00)	2.13	2.62	4.64	-	9.39 (3.82- 11.8)
	9+18+18	2.33	4.75	4.75	-	11.84 (4.85- 13.8)	2.33	4.75	4.75	-	11.84 (4.85- 13.8)
	12+12+12	3.25	3.25	3.25	-	9.75 (4.00- 11.8)	3.62	3.62	3.62	-	10.85 (4.56- 13.35)
	12+12+18	3.20	3.20	4.65	-	11.05 (4.53- 13.37)	3.25	3.25	4.66	-	11.16 (4.69- 13.73)
	12+18+18	2.75	4.55	4.55	-	11.84 (4.85- 13.8)	2.79	4.62	4.62	-	12.04 (5.06- 13.846)

4 indoor units	7+7+7+7	2.10	2.10	2.10	-	8.4 (5.88- 10.92)	2.30	2.30	2.30	2.30	-	9.2 (6.44- 12.14)
	7+7+7+9	2.00	2.00	2.00	2.50	8.5 (5.95- 11.05)	2.30	2.30	2.30	3.00	-	9.9 (7.33- 12.87)
	7+7+7+12	2.00	2.00	2.00	3.50	9.5 (6.65- 12.35)	2.30	2.30	2.30	3.70	-	10.6 (7.42- 13.25)
	7+7+7+18	1.90	1.90	1.90	4.30	10.0 (7.00- 13.00)	2.30	2.30	2.30	5.10	-	12 (8.4- 14.16)
	7+7+9+9	2.00	2.00	2.50	2.50	9.00 (6.3- 11.7)	2.30	2.30	3.00	3.00	-	10.6 (7.42- 13.25)
	7+7+9+12	1.98	1.98	2.50	3.54	10.0 (7.00- 13.00)	2.30	2.30	3.00	3.70	-	11.3 (7.91- 13.67)
	7+7+9+18	1.90	1.90	3.30	4.30	10.4 (7.28- 13.52)	2.20	2.20	2.90	5.00	-	12.3 (8.61- 14.4)
5 indoor units	7+7+12+12	1.90	1.90	3.30	3.30	10.4 (7.28- 13.52)	2.30	2.30	3.60	3.60	-	11.8 (8.26- 13.92)
	7+7+12+18	1.80	1.80	3.30	4.30	11.0 (7.7- 13.8)	2.10	2.10	4.50	4.70	-	12.3 (8.61- 14.4)
	7+7+18+18	1.70	1.70	4.50	4.50	12.4 (8.68- 13.8)	2.00	2.00	4.50	4.50	-	13 (9.1- 14.4)
	7+9+9+9	2.00	2.00	2.50	2.50	9.5 (6.65- 12.35)	2.30	2.30	2.87	2.87	-	10.9 (7.81- 13.07)
	7+9+9+12	1.95	2.50	2.50	3.55	10.5 (7.35- 13.65)	2.20	2.80	2.80	3.60	-	11.4 (7.98- 13.79)
	7+9+9+18	1.93	2.50	2.50	5.07	12.0 (8.4- 13.8)	2.10	2.75	2.75	4.80	-	12.4 (8.68- 14.4)
	7+9+12+12	2.00	2.50	3.50	3.50	11.5 (8.05- 13.8)	2.25	2.65	3.50	3.50	-	11.9 (8.33- 14.4)
6 indoor units	7+9+12+18	1.90	2.30	3.30	4.50	12.0 (8.4- 13.8)	2.10	2.40	3.40	4.70	-	12.6 (8.82- 14.4)
	9+9+9+9	1.43	1.83	3.67	3.67	10.6 (6.03- 13.8)	2.00	2.30	4.45	4.45	-	13.2 (9.24- 14.4)
	9+9+9+12	2.00	3.50	3.50	3.50	12.5 (8.75- 13.8)	2.20	3.45	3.45	3.45	-	12.55 (8.79- 14.4)
	9+9+9+18	1.80	3.30	3.30	4.50	12.9 (9.03- 13.8)	2.00	3.25	3.25	4.60	-	13.1 (9.17- 14.4)
	9+12+12+12	2.64	2.64	2.64	2.64	10.56 (7.39- 13.73)	2.78	2.78	2.78	2.78	-	11.2 (8.4- 14.16)
	9+12+12+18	2.50	2.50	2.50	3.50	11.0 (7.7- 13.8)	2.85	2.85	2.85	3.60	-	12.15 (8.51- 14.4)
	9+12+18+18	2.50	2.50	2.50	5.00	12.5 (8.75- 13.8)	2.65	2.65	2.65	4.70	-	12.65 (8.86- 14.4)
7 indoor units	9+12+12+18	2.50	2.50	3.50	3.50	12.0 (8.4- 13.8)	2.75	2.75	3.50	3.50	-	12.5 (8.75- 14.4)
	9+12+18+18	2.30	2.30	3.30	4.50	12.8 (8.68- 13.8)	2.60	2.60	3.40	4.70	-	13.3 (9.31- 14.4)
	12+12+12+12	2.12	2.83	2.83	2.83	10.61 (6.12- 13.8)	2.60	3.50	3.50	3.50	-	13.1 (9.17- 14.4)
	12+12+12+18	2.30	3.30	3.30	4.50	13.4 (9.38- 13.8)	2.50	3.40	3.40	4.60	-	13.9 (9.73- 14.4)
	12+12+18+18	2.30	3.30	3.30	3.30	13.2 (8.68- 13.8)	3.45	3.45	3.45	3.45	-	13.8 (9.66- 14.4)
	12+12+18+18	3.10	3.10	3.10	4.10	13.4 (9.38- 13.8)	3.30	3.30	3.30	4.10	-	14.0 (9.73- 14.4)

Cooling (kW)							Heating (kW)						
Unit	A	B	C	D	E	Total	A	B	C	D	E	Total	

ACP-42COFM123AERI R32

2 indoor units	7+7	2.00	2.00	-	-	4.00 (1.68- 4.80)	2.40	2.40	-	-	4.8 (2.02- 6.00)
	7+9	1.94	2.52	-	-	4.45 (1.87- 5.30)	2.34	3.04	-	-	5.37 (2.26- 6.67)
	7+12	1.89	3.02	-	-	4.91 (2.08- 5.80)	2.29	3.66	-	-	5.94 (2.50- 7.35)
	7+18	1.78	4.71	-	-	6.49 (2.73- 7.65)	2.18	5.77	-	-	7.95 (3.34- 9.73)
	9+9	2.45	2.45	-	-	4.91 (2.08- 5.80)	2.97	2.97	-	-	5.94 (2.50- 7.35)
	9+12	2.40	2.96	-	-	5.36 (2.25- 6.30)	2.92	3.60	-	-	6.51 (2.74- 8.03)
	9+18	2.28	4.66	-	-	6.94 (2.92- 8.05)	2.80	5.72	-	-	8.52 (3.58- 10.41)
3 indoor units	12+12	2.91	2.91	-	-	5.81 (2.44- 6.80)	3.55	3.55	-	-	7.09 (2.98- 8.71)
	12+18	2.78	4.81	-	-	7.59 (3.11- 8.55)	3.42	5.67	-	-	9.09 (3.82- 10.8)
	18+18	4.49	4.49	-	-	8.98 (3.77- 10.30)	5.55	5.55	-	-	11.09 (4.66- 13.47)

3 indoor units	7+7+7	2.00	2.00	2.00	-	6.00 (2.52- 7.00)	2.33	2.33	2.33	-	7.00 (2.94- 8.4)
	7+7+9	1.96	1.96	2.55	-	6.48 (2.72- 7.52)	2.25	2.25	2.92	-	7.41 (3.12- 8.91)
	7+7+12	1.93	1.93	3.09	-	6.96 (2.92- 8.03)	2.18	2.18	3.48	-	7.83 (3.29- 9.42)
	7+7+18	1.86	1.86	4.92	-	8.63 (3.62- 9.84)	2.00	2.00	5.30	-	9.29 (3.91- 11.22)
	7+9+9	1.93	2.51	2.51	-	6.96 (2.92- 8.03)	2.18	2.83	2.83	-	7.83 (3.29- 9.42)
	7+9+12	1.91	2.48	3.05	-	7.43 (3.12- 8.55)	2.12	2.75	3.39	-	8.25 (3.47- 9.94)
	7+9+18	1.84	2.39	4.87	-	9.10 (3.82- 10.36)	1.96	2.55	5.20	-	9.71 (4.08- 11.73)
4 indoor units	12+12+12	1.88	3.01	3.01	-	7.91 (3.32- 9.07)	2.06	3.30	3.30	-	8.67 (3.64- 10.45)
	12+12+18	1.83	2.92	4.84	-	9.58 (4.02- 10.88)	1.93	3.09	5.12	-	10.13 (4.26- 12.25)
	12+18+18	1.79	4.73	4.73	-	11.25 (4.73- 12.68)	1.84	4.88	4.88	-	11.59 (4.87- 14.04)
	9+9+9	2.48	2.48	2.48	-	7.43 (3.12- 8.55)	2.75	2.75	2.75	-	8.25 (3.47- 9.94)
	9+9+12	2.45	2.45	3.01	-	7.91 (3.32- 9.07)	2.68	2.68	3.30	-	8.67 (3.64- 10.45)
	9+9+18	2.37	2.37	4.84	-	9.58 (4.02- 10.88)	2.51	2.51	5.12	-	10.13 (4.26- 12.25)
	9+12+12	2.42	2.98	2.98	-	8.39 (3.52- 9.58)	2.63	3.23	3.23	-	9.09 (3.82- 10.96)
5 indoor units	9+12+18	2.36	2.90	4.80	-	10.06 (4.23- 11.39)	2.47	3.04	5.04	-	10.55 (4.43- 12.76)
	9+18+18	2.31	4.71	4.71	-	11.73 (4.93- 13.10)	2.37	4.82	4.82	-	12.01 (5.05- 14.58)
	12+12+12	2.96	2.96	2.96	-	8.88 (3.72- 10.10)	3.17	3.17	3.17	-	9.50 (3.99- 11.48)
	12+12+18	2.88	2.88	4.77	-	10.54 (4.43- 11.91)	3.00	3.00	4.97	-	10.97 (4.61- 13.27)
	12+18+18	2.80	4.63	4.63	-	12.06 (5.06- 13.39)	2.87	4.75	4.75	-	12.37 (5.20- 14.73)

4 indoor units	7+7+7+7	2.00	2.00	2.00	2.00	8.00 (3.38- 9.20)	2.25	2.25	2.25	2.25	-	9.00 (3.78- 1
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Overview of **outdoor units**

720 x 270 x 495 mm
Bracket distance 452 mm



Name of outdoor unit	Compatible indoor units
ACP-09CH25AESI/O PRO	ACP-09CH25AESI/I PRO
ACP-09CH25AEMI/O2s	ACP-09CH25AEMI/I2s
ACP-09CH25AEQI/O2s	ACP-09CH25AEQI/I2s
ACP-12CH35AESI/O PRO	ACP-12CH35AESI/I PRO
ACP-12CH35AEMI/O2s	ACP-12CH35AEMI/I2s
ACP-12CH35AEQI/O2s	ACP-12CH35AEQI/I2s
ACP-12CH35AEXI/O2s	ACP-12CH35AEXI/I2s

800 x 280 x 550 mm
Bracket distance 510 mm



Name of outdoor unit	Compatible indoor units
ACP-12CH35REWI/I	ACP-12CH35REWI/O
ACP-18CH50REWI/I	ACP-18CH50REWI/O

765 x 303 x 555 mm
Bracket distance 452 mm



Name of outdoor unit	Compatible indoor units
ACP-09CH25AERI/O+	ACP-09CH25AERI/I+
ACP-09CH25AERI/O+	ACP-09CH25AERI/I+ GOLD
ACP-09CH25AERI/O+	ACP-09CH25AERI/I+ SILVER
ACP-12CH35AEEI/O PRO	ACP-12CH35AEEI/I PRO
ACP-12CH35AEVI/O2s	ACP-12CH35AEVI/I2s GRAY MIRROR
ACP-12CH35AEVI/O2s	ACP-12CH35AEVI/I2s GOLD
ACP-12CH35AEHI/O+	ACP-12CH35AEHI/I+
ACP-12CH35AEHI/O+	ACP-12CH35AEHI/I+ GOLD
ACP-12CH35AEHI/O+	ACP-12CH35AEHI/I+ SILVER
ACP-12CH35AERI/O+	ACP-12CH35AERI/I+
ACP-12CH35AERI/O+	ACP-12CH35AERI/I+ GOLD
ACP-12CH35AERI/O+	ACP-12CH35AERI/I+ SILVER
ACP-12CH35AERI/O+	ACP-12CH35AERI/I+ RED
ACP-12CH35AERI/O+	ACP-12CH35AERI/I+ SILVER MIRROR
ACP-12CH35AERI/O+	ACP-12CC35AERI/I3
ACP-12LCAC35AERI/Os	ACP-12CT35AERI/I3
ACP-12CH35AERI/O+	ACP-12DT35AERI/I3

805 x 330 x 554 mm
Bracket distance 511 mm



Name of outdoor unit	Compatible indoor units
ACP-12CH35AEVI/Os	ACP-12CH35AEVI/Is
ACP-18CH50AERI/O+	ACP-18CH50AERI/I+ SILVER MIRROR
ACP-18CH50AEMI/O2s	ACP-18CH50AEMI/I2s
ACP-18CH50AEQI/O2s	ACP-18CH50AEQI/I2s
ACP-18CH50AEMI/O2s	ACP-18CH50AEMI/I2s
ACP-18CH50AEMI/O2s	ACP-18CC50AERI/I3
ACP-18CH50AEMI/O2s	ACP-18CT50AERI/I3
ACP-18CH50AEMI/O2s	ACP-18CF50AERI/I3
ACP-18CH50AEMI/O2s	ACP-18DT50AERI/I3
ACP-18CH50AEMI/O2s	ACP-18CH50AEMI/I Pro

946 x 420 x 810 mm
Bracket distance 673 mm



Name of outdoor unit

ACP-24CH70AERI/O PRO

Compatible indoor units

ACP-24CH70AERI/I PRO

890 x 342 x 673 mm
Bracket distance 663 mm



Name of outdoor unit

ACP-24CH70AEMI/O2s

ACP-24CH70AEQI/O2s

ACP-24LCAC70AERI/Os

ACP-24FS70AERI/O3

Compatible indoor units

ACP-24CH70AEMI/I2s

ACP-24CH70AEQI/I2s

ACP-24CC70AERI/I3

ACP-24CF70AERI/I3

ACP-24DT70AERI/I3

ACP-24FS70AERI/I3

952 x 415 x 1333 mm
Bracket distance 634 mm



Name of outdoor unit

ACP-48LCAEI/Os

ACP-48FS140AERI/O2

ACP-55LCAC160AERI/Os

ACP-55FS160AERI/O3

Compatible indoor units

ACP-48CC140AERI/I3

ACP-48CF140AERI/I3

ACP-48DT140AERI/I3

ACP-48FS140AERI/I2

ACP-55CC160AERI/I3

ACP-55CF160AERI/I3

ACP-55DT160AERI/I3

ACP-55FS160AERI/I3

952 x 410 x 1333 mm
Bracket distance 634 mm



Name of outdoor unit

ACP-55FS160AERI/O3

Compatible indoor units

ACP-55FS160AERI/I3

Motherboard cooling on the outdoor unit

The newly designed cooling circuits use improved airing technology - both for efficient cooling and for heat exchangers and electronic boxes, which significantly improves the performance of the unit at high ambient temperatures. It is 5 times more efficient in heat transfer compared to conventional technology.



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