

Outdoor Units Specifications

Model							
OCTOPUS V-28 OD OCTOPUS V-36 OD OCTOPUS V-42 OD OCTOPUS V-48 OD OCTOPUS V-56 OD OCTOPUS V-60 OD							
Power Supply		220-240V ~ 50Hz					
Cooling Capacity	kBtu/h	24(5 ~ 27)	30(6 ~ 34)	42	47	52	59
	kW	7.2(1.5-8)	9(2-10)	12.3	14	15.5	17.5
Heating Capacity	kBtu/h	24.5(5 ~ 30)	30(7 ~ 41)	47	54	59	64
	kW	7.2(1.6-9)	9(2.1-12)	14	16	17.5	19
Connectable Indoor Unit	Total Capacity	45 ~ 130% of outdoor unit capacity					
	Quantity	Minimum	1	1	1	1	1
	Maximum	4	6	7	8	9	9
Compressor	Type	DC Inverter					
	Quantity	1					
Fan Motor	Type	DC Motor					
	Quantity	1					
Refrigerant Type		R410A					
Liquid/Gas Pipe		Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ19.1	Φ9.53/Φ19.1
Net Dimensions (WxHxD)		910 x 712 x 426	910 x 712 x 426	950 x 840 x 440	950 x 840 x 440	950 x 840 x 440	1040 x 865 x 523
Packing Size (WxHxD)		1045 x 810 x 485	1045 x 810 x 485	1025 x 950 x 510	1025 x 950 x 510	1025 x 950 x 510	1120 x 980 x 560
Operating Temperature Range		Cooling: -15 ~ 55, Heating: -15 ~ 27					

OCTOPUS VC-1**ID

	Model	06	07	09	12	15	18	24
	Power Supply	1 phase, 220-240V, 50Hz						
	Cooling Capacity (kW/kBtu/h)	1.8/6	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24
	Heating Capacity (kW/kBtu/h)	2.2/7	2.6/8	3.2/10	4/13	5/17	6.3/21	8/27
	Indoor Air Flow (m³/h)	523/404/275	523/404/275	573/456/315	573/456/315	693/600/476	792/688/549	933/749/592
One-Way Cassette	Sound Pressure Level (dB(A))	37/34/30	37/34/30	39/37/34	40/38/34	41/39/35	42/40/36	44/41/37

OCTOPUS VC-4**ID

	Model	09	12	15	18	24	28	32	36	40	48	56
	Power Supply	1 phase, 220-240V, 50Hz										
	Cooling Capacity (kW/kBtu/h)	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	10/34	11.2/38	14/47	16/54
	Heating Capacity (kW/kBtu/h)	3.2/10	4/13	5/17	6.3/21	8/27	9/30	10/34	11.1/37	12.5/42	16/54	18/61
	Indoor Air Flow (m³/h)	764/638/554	764/638/554	905/740/651	905/740/651	950/767/663	1200/1021/789	1332/1129/908	1651/1304/1127	1713/1304/1127	1658/1335/1130	2100/1950/1800 /1750/1600 /1450/1350
Four-Way Cassette	Sound Pressure Level (dB(A))	32/31/30	32/31/30	36/34/33	36/34/33	38/36/35	42/39/37	43/39/38	45/42/40	45/42/40	46/41/39	46/44/42/41 /39/38/37

OCTOPUS VC-4**C ID

	Model	05	07	09	12	15
	Power Supply	1 phase, 220-240V, 50Hz				
	Cooling Capacity (kW/kBtu/h)	1.5/5	2.2/7	2.8/9	3.6/12	4.5/15
	Heating Capacity (kW/kBtu/h)	1.7/5	2.4/8	3.2/10	4/13	5/17
	Indoor Air Flow (m³/h)	400/283/208	414/313/238	414/313/238	521/409/314	521/409/314
Compact Four-Way Cassette	Sound Pressure Level (dB(A))	35/33/23	36/33/23	36/33/23	42/36/29	42/36/29

OCTOPUS VD**ID

	Model	07	09	12	15	18	24	28	32	40	48	56
	Power Supply	1 phase, 220-240V, 50Hz										
	Cooling Capacity (kW/kBtu/h)	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	11.2/38	14/47	16/54
	Heating Capacity (kW/kBtu/h)	2.6/8	3.2/10	4/13	5/17	6.3/21	8/27	9/30	10/34	12.5/42	15.5/52	17/58
	Indoor Air Flow (m³/h)	550/397/309	550/397/309	605/442/351	800/573/479	800/573/479	985/738/630	1345/1165/1013	1345/1165/1013	1905/1636/1400	1905/1636/1400	3620/3044/2744
Medium Static Pressure Duct	External static pressure (Pa)	10(0 ~ 30)							20(10 ~ 50)		0(10 ~ 80)	
	Sound Pressure Level (dB(A))	32/24/21	31/24/21	35/28/24	36/29/26	36/29/27	36/30/27	45/40/37	45/40/37	48/42/38	48/43/39	54/52/50

OCTOPUS VD**ARC ID

	Model	07	09	12	15	18	24	28
	Power Supply	1 phase, 220-240V, 50Hz						
	Cooling Capacity (kW/kBtu/h)	1.5/5	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24
	Heating Capacity (kW/kBtu/h)	1.8/6	2.5/8	3.2/10	4/13	5/17	6.3/21	8/27
	Indoor Air Flow (m³/h)	340/330/320/ 310/300/295/290	370/345/335/ 320/310/300/295	460/430/410/ 380/350/320/300	605/550/500/ 450/410/360/320	800/720/690/ 625/560/515/435	900/780/745/ 655/580/560/470	1145/1000/930/840 /750/665/580
Medium Static Pressure Duct (Arc Series)	External static pressure (Pa)	10(10 ~ 50)						
	Sound Pressure Level (dB(A))	27/25.5/24/ 23/22/21/20	28/27/26/ 25/24/23/22	30/29/28/ 27/26/25/24	30/29/28/ 27/26/25.5/25	34/33/32/ 30/29/28/26	36/34/33/ 32/31/30/28	37/35/34/ 32.5/31/30/29

OCTOPUS VD**H ID

	Model	24	28	32	40	48	56
	Power Supply	1 phase, 220-240V, 50Hz					
	Cooling Capacity (kW/kBtu/h)	7.1/24	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19
	Heating Capacity (kW/kBtu/h)	8/27	2.5/8	3.2/10	4/13	5/17	6.3/21
	Indoor Air Flow (m³/h)	1395/1315/ 1248/1204	370/345/335/ 320/310/300/295	460/430/410/ 380/350/320/300	605/550/500/ 450/410/360/320	800/720/690/ 625/560/515/435	900/780/745/ 655/580/560/470
High Static Pressure Duct	External static pressure (Pa)	25(25 ~ 196)	37(37 ~ 196)	37(37 ~ 196)	50(50 ~ 196)	50(50 ~ 196)	50(50 ~ 196)
	Sound Pressure Level (dB(A))	48/46/44/43	48/46/45/43	52/49/47/45	52/49/47/46	53/50/48/46	54/52/50/48

OCTOPUS V5** ID

	Model	07	09	12	15	18	24	28	32
	Power Supply	1 phase, 220-240V, 50Hz							
	Cooling Capacity (kW/kBtu/h)	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30
	Heating Capacity (kW/kBtu/h)	2.4/8	3.2/10	4/13	5/17	6.3/21	8/27	9/30	10/34
	Indoor Air Flow (m³/h)	446/429/424/409/ 394/382/373	457/445/433/421/ 419/410/402	447/429/399/369/ 339/333/303	648/618/582/563/ 546/505/476	798/764/723/691/ 665/627/595	1240/1171/1107/ 1045/976/914/869	1248/1194/1119/ 1056/993/914/863	1427/1403/1303/1232/ 1186/1096/1043
Wall Mounted	Sound Pressure Level (dB(A))	34/33/33/32 /32/31/31	33/33/32/32 /31/31/31	36/35/34/33 /32/32/32	37/36/34/34 /33/32/31	42/41/40/39 /38/37/36	48/47/45/44 /42/39/38	48/47/45/43 /42/39/38	52/51/50/49 /47/45/43

OCTOPUS VF** ID

	Model	12	15	18	24	28	32	40	48
	Power Supply	1 phase, 220-240V, 50Hz							
	Cooling Capacity (kW/kBtu/h)	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	11.2/38	14/47
	Heating Capacity (kW/kBtu/h)	4/13	5/17	6.3/21	8/27	9/30	10/34	12.5/42	15/51
	Indoor Air Flow (m³/h)	650/570/500	800/600/500			1200/900/700		1980/1860/1730	
Ceiling / Floor	Sound Pressure Level (dB(A))	40/38/36	43/41/38			45/43/40		47/45/42	

Notes: 1. The full model name can be obtained by substituting the asterisk in the model name format given above the table with the model index given in the table.

06/2024

The manufacturer has the right to change product specifications without notice. Our company is not responsible for typographic errors. Energy values may vary regionally.