

## 2.1 Specification

Model			CA43BV224-V5J1H	CA43BV280-V5J1H	CA43BV335-V5J1H	
Capacity	Capacity range	HP	8	10	12	
	Cooling	kW	22.6	28	33.5	
	Heating	kW	25	31.5	37.5	
Electrical Parameters	Power supply	Ph/V/Hz	3/208-230/60	3/208-230/60	3/208-230/60	
	Cooling	Rated power input	kW	5.6	8.5	10
		Max power input	kW	12.5	14.5	16.5
		Rated current	A	15.15	23.35	27.55
		Max current	A	38.6	44.7	50.9
	Heating	Rated power input	kW	5.9	8.8	10.3
		Max power input	kW	12.5	14.5	16.5
		Rated current	A	16.05	24.25	28.45
		Max current	A	38.6	44.7	50.9
	EER		4.04	3.29	3.35	
	COP		4.24	3.58	3.64	
Performance	Air flow (H)	m <sup>3</sup> /h	11100	11100	14100	
	Sound pressure level (H)	dB(A)	57	57	60	
	Sound power level (H)	dB(A)	73	73	76	
Installation	External dimensions(W/D/H)	mm	990/750/1808	990/750/1808	1390/750/1808	
	Shipping dimensions(W/D/H)	mm	1090/860/1990	1090/860/1990	1490/860/1990	
	Net/Shipping weight	kg	240/255	240/255	368/386	
	Compressor type		DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	
	Compressor brand		MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	
	Compressor quantity		1 INV	1 INV	1 INV +1 FIX	
	Refrigerant type		R410A	R410A	R410A	
	Refrigerant charge	kg	10	10	10	
	Refrigerant liquid pipe	mm	9.52	9.52	12.7	
	Refrigerant gas pipe	mm	22.22	22.22	25.4	
	Oil equalization pipe	mm	9.52	9.52	9.52	
	Total pipe length	m	300	300	300	
	Max. pipe length(Equivalent/Actual)	m	175/150	175/150	175/150	
	Max drop between I.U.&O.U *1	m	50/40	50/40	50/40	
	External static pressure	Pa	50	50	50	
Connection Ratio	Connectable indoor unit ratio	%	50%-130%	50%-130%	50%-130%	
	Maximum number of indoor units		13	16	19	
Working temp.	Cooling	°C	-5~43	-5~43	-5~43	
	Heating	°C	-15~21	-15~21	-15~21	