

# S P E C I F I C A T I O N S

TYPE		COOLING	COOL & HEAT	COOLING	COOL & HEAT	COOLING	COOL & HEAT
INDOOR UNIT		ABG14AGA-W	ABG14RGA-W	ABG18AGC-W	ABG18RGB-W	ABG24AGC-W	ABG24RGB-W
OUTDOOR UNIT		AOG14AGH	AOG14RGH	AOG18ANB	AOG18RMAL	AOG24AMA	AOG24RMBL
COOLING CAPACITY	(W)	4,000 – 4,100	3,950 – 4,050	5,300 – 5,400	5,200 – 5,300	6,550 – 6,650	6,700 – 6,800
HEATING CAPACITY	(W)	—	4,900 – 5,000	—	5,700 – 5,800	—	7,600 – 7,700

## ELECTRICAL DATA

POWER SOURCE		(V)	220 – 240					
FREQUENCY		(Hz)	50					
RUNNING CURRENT	(A)	COOLING	7.9 – 8.3	7.6 – 8.0	10.2 – 10.4	9.5 – 9.5	11.7 – 11.0	11.6 – 11.1
		HEATING	—	7.6 – 8.0	—	9.0 – 9.1	—	11.2 – 10.6
INPUT WATTS	(W)	COOLING	1,670 – 1,800	1,620 – 1,760	2,050 – 2,150	2,050 – 2,150	2,560 – 2,590	2,550 – 2,650
		HEATING	—	1,610 – 1,730	—	1,900 – 2,000	—	2,440 – 2,540
E.E.R	(W/W)	COOLING	2.39 – 2.28	2.44 – 2.30	2.59 – 2.51	2.54 – 2.47	2.56 – 2.61	2.63 – 2.57
		HEATING	—	3.04 – 2.89	—	3.00 – 2.90	—	3.11 – 3.03
MOISTURE REMOVAL		(ℓ/h)	1.6		2.0		3.4	
AIR CIRCULATION-Hi		(m³/hr)	640		800		900	

## COMPRESSOR

TYPE		Hermetic type, Permanent split condenser, 2 pole, Single phase, Induction motor						
CODE		QJ282PC24A		2JS350D5BB02	PH36VTTT	NH44VNBT		
REFRIGERANT	R-22	(g)	1,090	1,050	1,500	1,950	1,900	2,320

## FAN MOTOR

POWER SOURCE		(V)	240				
INDOOR UNIT	TYPE		MFA-14CTT	MFA-18CTT		MFA-24CTAT	
	HI-SPEED	(r.p.m.)	850	1,030		1,180	
	MED-SPEED	(r.p.m.)	760	890		1,040	
	LO-SPEED	(r.p.m.)	670	770		900	
OUTDOOR UNIT	TYPE		MFB-14VTT	MFB-247FBT	MFB-252TAT	MFB-247FBT	MFB-252TAT
		(r.p.m.)	750	735	Hi : 735 Lo : 280	735	Hi : 735 Lo : 280

## DIMENSIONS

INDOOR UNIT	H x W x D	(mm)	199 x 990 x 655			
OUTDOOR UNIT			530 x 750 x 250		643 x 840 x 336	

## WEIGHT

INDOOR UNIT	GROSS / NET	(kg)	39 / 30			
OUTDOOR UNIT			39 / 37	40 / 38	67 / 59	68 / 76

### ADDITIONAL REFRIGERANT CHARGE

PIPE LENGTH		5 m ( 16 ft )	7.5 m ( 25 ft )	10 m ( 33 ft )	15 m ( 49 ft )	20 m ( 66 ft )
FULL CHARGE AMOUNT	ABG14AGA-W	1,090 g (38.4 oz)	1,165 g (41.1 oz)	1,240 g (43.7 oz)	—	—
	ABG14RGA-W	1,100 g (38.8 oz)	1,175 g (41.4 oz)	1,250 g (44.1 oz)	—	—
	ABG18AGC-W	1,500 g (52.9 oz)	1,540 g (54.3 oz)	1,580 g (55.7 oz)	1,660 g (58.6 oz)	1,740 g (61.4 oz)
	ABG18RGB-W	1,950 g (68.8 oz)		2,075 g (73.2 oz)	2,325 g (82.0 oz)	2,575 g (90.8 oz)
	ABG24AGC-W	1,900 g (67.0 oz)		1,950 g (68.8 oz)	2,050 g (72.3 oz)	2,150 g (75.8 oz)
	ABG24RGB-W	2,320 g (81.8 oz)		2,400 g (84.7 oz)	2,480 g (87.5 oz)	2,560 g (90.3 oz)

Note : In the case that 5 m for ABG14AGA, ABG14RGA, ABG18AGC, 7.5 m for ABG18RGB, ABG24AGC, ABG24RGB are exceeded, when using a connection pipe other than that in the table, charge additional refrigerant with 30 g (1.1 oz) / 1 m (3.3 ft) for ABG14AGA and ABG14RGA, 50 g (1.76 oz) / 1 m (3.3 ft) for ABG18RGB, 20 g (0.71 oz) / 1 m (3.3 ft) for ABG24AGC, 16 g (0.56 oz) / 1 m (3.3 ft) for ABG18AGC and ABG24RGB as the criteria.