



EDTAU122219A

R-32

# Engineering Data

- Heat Pump -

## SUPER MULTI *NX*

3/4/5MXM-R Series



**INVERTER**



Category	Functions	CTXM85/95RVMA	Category	Functions	CTXM85/95RVMA	
Basic Functions	Inverter (with inverter power control)	●	Health & Cleanliness	Deodorizing filter (enzyme blue)	●	
	Operation limit for cooling	—		Dust collection filter (PM2.5) (option)	●	
	Operation limit for heating	—		Titanium apatite deodorizing filter (option)	●	
	PAM control	—		Silver ion anti-bacterial drain pan	—	
	Demand control	—		Longlife filter (option)	—	
Compressor	Oval scroll compressor	—		Mould proof air filter (prefilter)	●	
	Swing compressor	—		Wipe-clean flat panel	●	
	Rotary compressor	—		Washable grille	—	
	Reluctance DC motor	—		Removable drain-pan	—	
Comfortable Airflow	Power-airflow flap	—		Filter sign	—	
	Power-airflow dual flaps	●		Mould proof operation	—	
	Power-airflow diffuser	—		Heating dry operation	—	
	Wide-angle louvres	●		Timer	Setpoint auto reset	●★2
	Auto-swing (up and down)	●			Setpoint range set	●★2
	Auto-swing (left and right)	●			WEEKLY TIMER operation	●★1
	3-D airflow	●	Schedule timer		●★2	
	Comfort airflow mode	●★1	Off timer (programmed)		●★2	
Comfort Control	Switchable fan speed	●	24-hour ON/OFF timer		●	
	Auto fan speed	—	72-hour ON/OFF timer		—	
	Comfortable auto fan speed	●	Count up/down ON/OFF timer		●★1	
	Indoor unit quiet operation	●★1	Night set mode	●		
	NIGHT QUIET mode (automatic)	—	Worry Free (Reliability & Durability)	Auto-restart (after power failure)	●	
	Outdoor unit quiet operation	—		Self-diagnosis with remo-con	●	
	Intelligent eye (auto energy saving)	●★1		Wiring error check function	—	
	2-area intelligent eye (comfort)	—		Anti-corrosion treatment of outdoor heat exchanger	—	
	Two selectable temperature sensors	—		Flexibility	Multi-split/split type compatible indoor unit	—
	0.5°C step room temperature setting	●★1	H/P, C/O compatible indoor unit		—	
	Auto-cooling/heating changeover	●	High ceiling application		—	
	Hot-start function	●	Chargeless		—	
	Automatic defrosting	—	Either side drain (right or left)		●	
Operation	Automatic operation	●	Drain pump mechanism	—		
	Programme dry function	●	Power selection	—		
	Fan only	●	Remote Control	Remote control adaptor (normal open pulse contact) (option)	●	
	Heat plus	●★1		Remote control adaptor (normal open contact) (option)	●	
Lifestyle Convenience	Super powerful operation	●★1		DIII-NET compatible (adaptor) (option)	●	
	Priority-room setting	—		Wireless LAN adaptor (option)	●★1	
	Cooling/heating mode lock	—		Remote Controller	Wireless	●
	Home leave operation	—	Wired (option)		●	
	ECONO mode	●★1				
	Indoor unit ON/OFF switch	●				
	Signal reception indicator	●				
	Remote controller (backlight)	●				
Temperature display	—					

**Note:** ● : Available  
 — : Not available

★1: With wireless remote controller  
 ★2: With wired remote controller

Category	Functions	CTXJ25/35/50/60TVMAW(K)	Category	Functions	CTXJ25/35/50/60TVMAW(K)	
Basic Functions	Inverter (with inverter power control)	●	Health & Cleanliness	Deodorizing filter (enzyme blue)	—	
	Operation limit for cooling	—		Dust collection filter (PM2.5) (option)	—	
	Operation limit for heating	—		Titanium apatite deodorizing filter	●	
	PAM control	—		Silver ion anti-bacterial drain pan	—	
	Demand control	—		Longlife filter (option)	—	
Compressor	Oval scroll compressor	—		Mould proof air filter (prefilter)	●	
	Swing compressor	—		Wipe-clean flat panel	●	
	Rotary compressor	—		Washable grille	—	
	Reluctance DC motor	—		Removable drain-pan	—	
Comfortable Airflow	Power-airflow flap	—		Filter sign	—	
	Power-airflow dual flaps	●		Mould proof operation	—	
	Power-airflow diffuser	—		Heating dry operation	—	
	Wide-angle louvres	●		Flash streamer	●★1	
	Auto-swing (up and down)	●		Timer	Setpoint auto reset	●★2
	Auto-swing (left and right)	●			Setpoint range set	●★2
	3-D airflow	●	WEEKLY TIMER operation		●★1	
	Comfort airflow mode (COANDA flap)	●★1	Schedule timer		●★2	
	Vertical airflow (heating)	●★1	Off timer (programmed)		●★2	
Vertical airflow (cooling)	—	24-hour ON/OFF timer	●			
Comfort Control	Switchable fan speed	●	72-hour ON/OFF timer		—	
	Auto fan speed	●	Count up/down ON/OFF timer		—	
	Comfortable auto fan speed	—	Night set mode		●	
	Indoor unit quiet operation	●★1	Worry Free (Reliability & Durability)	Auto-restart (after power failure)	●	
	NIGHT QUIET mode (automatic)	—		Self-diagnosis with remo-con	●	
	Outdoor unit quiet operation	●★1		Wiring error check function	—	
	Intelligent eye (auto energy saving)	●★1		Anti-corrosion treatment of outdoor heat exchanger	—	
	2-area intelligent eye (comfort)	●★1		Flexibility	Multi-split/split type compatible indoor unit	—
	Two selectable temperature sensors	—			H/P, C/O compatible indoor unit	—
	0.5°C step room temperature setting	●★1	High ceiling application		—	
	Auto-cooling/heating changeover	●	Chargeless		—	
	Hot-start function	●	Either side drain (right or left)		●	
	Automatic defrosting	—	Drain pump mechanism		—	
Floor temp. sensing (uniform comfort)	●★1	Power selection	—			
Operation	Automatic operation	●	Remote Control	Remote control adaptor (normal open pulse contact) (option)	●	
	Programme dry function	●		Remote control adaptor (normal open contact) (option)	●	
	Fan only	●		DIII-NET compatible (adaptor) (option)	●	
	Heat plus	—		Wireless LAN adaptor	●	
Lifestyle Convenience	Inverter powerful operation	●★1	Remote Controller	Wireless	●	
	Priority-room setting	—		Wired (option)	●	
	Cooling/heating mode lock	—				
	Home leave operation	—				
	ECONO mode	●★1				
	Indoor unit <b>ON/OFF</b> switch	●				
	Signal reception indicator	●				
	Remote controller (backlight)	●				
	Temperature display	—				

**Note:** ● : Available  
— : Not available

★1: With wireless remote controller  
★2: With wired remote controller

Category	Functions	CDXP25/35RVMA CDXM25/35/50/60/71RVMA	Category	Functions	CDXP25/35RVMA CDXM25/35/50/60/71RVMA
Basic Functions	Inverter (with inverter power control)	●	Health & Cleanliness	Deodorizing filter (enzyme blue)	—
	Operation limit for cooling	—		Dust collection filter (PM2.5) (option)	—
	Operation limit for heating	—		Titanium apatite deodorizing filter	—
	PAM control	—		Silver ion anti-bacterial drain pan	—
	Demand control	—		Longlife filter (option)	—
Compressor	Oval scroll compressor	—		Mould proof air filter (prefilter)	●
	Swing compressor	—		Wipe-clean flat panel	—
	Rotary compressor	—		Washable grille	—
	Reluctance DC motor	—		Removable drain-pan	—
Comfortable Airflow	Power-airflow flap	—		Filter sign	—
	Power-airflow dual flaps	—	Mould proof operation	—	
	Power-airflow diffuser	—	Heating dry operation	—	
	Wide-angle louvres	—	Timer	Setpoint auto reset	●★2
	Auto-swing (up and down)	—		Setpoint range set	●★2
	Auto-swing (left and right)	—		WEEKLY TIMER operation	—
	3-D airflow	—		Schedule timer	●★2
Comfort airflow mode	—	Off timer (programmed)		●★2	
Comfort Control	Switchable fan speed	●		24-hour ON/OFF timer	●
	Auto fan speed	●		72-hour ON/OFF timer	—
	Comfortable auto fan speed	—	Count up/down ON/OFF timer	●★1	
	Indoor unit quiet operation	●★1	Night set mode	●	
	NIGHT QUIET mode (automatic)	—	Worry Free (Reliability & Durability)	Auto-restart (after power failure)	●
	Outdoor unit quiet operation	—		Self-diagnosis with remo-con	●
	Intelligent eye (auto energy saving)	—		Wiring error check function	—
	2-area intelligent eye (comfort)	—		Anti-corrosion treatment of outdoor heat exchanger	—
	Two selectable temperature sensors	—	Flexibility	Multi-split/split type compatible indoor unit	—
	0.5°C step room temperature setting	●★1		H/P, C/O compatible indoor unit	●
	Auto-cooling/heating changeover	●		High ceiling application	—
	Hot-start function	●		Chargeless	—
	Automatic defrosting	—		Either side drain (right or left)	—
Operation	Automatic operation	●	Drain pump mechanism	—	
	Programme dry function	●	Power selection	—	
	Fan only	●	Remote Control	Remote control adaptor (normal open pulse contact) (option)	●
	Heat plus	—		Remote control adaptor (normal open contact) (option)	●
Lifestyle Convenience	Super powerful operation	●★1		DIII-NET compatible (adaptor) (option)	●
	Priority-room setting	—		Wireless LAN adaptor (option)	—
	Cooling/heating mode lock	—	Remote Controller	Wireless (option)	●
	Home leave operation	—		Wired (option)	●
	ECONO mode	●★1			
	Indoor unit <b>ON/OFF</b> switch	●★1			
	Signal reception indicator	●★1			
	Remote controller (backlight)	●			
Temperature display	—				

**Note:** ● : Available  
— : Not available

★1: With wireless remote controller  
★2: With wired remote controller

Category	Functions	FMA50/60/71RVMA	Category	Functions	FMA50/60/71RVMA	
Basic Functions	Inverter (with inverter power control)	●	Health & Cleanliness	Deodorizing filter (enzyme blue)	—	
	Operation limit for cooling	—		Dust collection filter (PM2.5) (option)	—	
	Operation limit for heating	—		Titanium apatite deodorizing filter	—	
	PAM control	—		Silver ion anti-bacterial drain pan	●	
	Demand control	—		Longlife filter (option)	●	
Compressor	Oval scroll compressor	—		Mould proof air filter (prefilter)	—	
	Swing compressor	—		Wipe-clean flat panel	—	
	Rotary compressor	—		Washable grille	—	
	Reluctance DC motor	—		Removable drain-pan	—	
Comfortable Airflow	Power-airflow flap	—		Filter sign	●	
	Power-airflow dual flaps	—		Mould proof operation	—	
	Power-airflow diffuser	—		Heating dry operation	—	
	Wide-angle louvres	—		Timer	Setpoint auto reset	●★2
	Auto-swing (up and down)	—			Setpoint range set	●★2
	Auto-swing (left and right)	—			WEEKLY TIMER operation	—
	3-D airflow	—	Schedule timer		●★2	
Comfort airflow mode	—	Off timer (programmed)	●★2			
Comfort Control	Switchable fan speed	● (3 steps)	24-hour ON/OFF timer		●★2	
	Auto fan speed	●	72-hour ON/OFF timer		●★1	
	Comfortable auto fan speed	—	Count up/down ON/OFF timer	●★1		
	Indoor unit quiet operation	—	Night set mode	—		
	NIGHT QUIET mode (automatic)	—	Worry Free (Reliability & Durability)	Auto-restart (after power failure)	●	
	Outdoor unit quiet operation	—		Self-diagnosis with remo-con	●	
	Intelligent eye (auto energy saving)	—		Wiring error check function	—	
	2-area intelligent eye (comfort)	—		Anti-corrosion treatment of outdoor heat exchanger	—	
	Two selectable temperature sensors	●★2	Flexibility	Multi-split/split type compatible indoor unit	—	
	0.5°C step room temperature setting	—		H/P, C/O compatible indoor unit	●	
	Auto-cooling/heating changeover	●		High ceiling application	—	
Hot-start function	●	Chargeless		—		
Operation	Automatic defrosting	—	Either side drain (right or left)	—		
	Automatic operation	●	Drain pump mechanism	●		
	Programme dry function	●	Power selection	—		
	Fan only	●	Remote Control	Remote control adaptor (normal open pulse contact) (option)	—	
Heat plus	—	Remote control adaptor (normal open contact) (option)		—		
Lifestyle Convenience	Super powerful operation	—		DIII-NET compatible (adaptor) (option)	—	
	Priority-room setting	—		Wireless LAN adaptor (option)	—	
	Cooling/heating mode lock	—	Remote Controller	Wireless (option)	●	
	Home leave operation	—		Wired (option)	●	
	ECONO mode	—				
	Indoor unit ON/OFF switch	●★1				
	Signal reception indicator	●★1				
	Remote controller (backlight)	●				
Temperature display	—					

**Note:** ● : Available  
— : Not available

★1: With wireless remote controller  
★2: With wired remote controller

Category	Functions	FFA25/35/50/60RV1A	Category	Functions	FFA25/35/50/60RV1A	
Basic Functions	Inverter (with inverter power control)	●	Health & Cleanliness	Deodorizing filter (enzyme blue)	—	
	Operation limit for cooling	—		Dust collection filter (PM2.5) (option)	—	
	Operation limit for heating	—		Titanium apatite deodorizing filter	—	
	PAM control	—		Silver ion anti-bacterial drain pan	—	
	Demand control	—		Longlife filter (option)	●	
Compressor	Oval scroll compressor	—		Mould proof air filter (prefilter)	●	
	Swing compressor	—		Wipe-clean flat panel	—	
	Rotary compressor	—		Washable grille	●	
	Reluctance DC motor	—		Removable drain-pan	—	
Comfortable Airflow	Power-airflow flap	—		Filter sign	●	
	Power-airflow dual flaps	—		Ceiling soiling prevention	●	
	Power-airflow diffuser	—		Mould proof operation	—	
	Wide-angle louvres	—		Heating dry operation	—	
	Auto-swing (up and down)	●		Timer	Setpoint auto reset	●★2
	Auto-swing (left and right)	—			Setpoint range set	●★2
	3-D airflow	—	WEEKLY TIMER operation		—	
	Swing pattern selection	●★2	Schedule timer		●★2	
	Comfort airflow mode	—	Off timer (programmed)		●★2	
Comfort Control	Switchable fan speed	● (2 steps)	24-hour ON/OFF timer		●★2	
	Auto fan speed	—	72-hour ON/OFF timer		●★1	
	Comfortable auto fan speed	—	Count up/down ON/OFF timer		●★1	
	Indoor unit quiet operation	—	Night set mode		—	
	NIGHT QUIET mode (automatic)	—	Worry Free (Reliability & Durability)		Auto-restart (after power failure)	●
	Outdoor unit quiet operation	—		Self-diagnosis with remo-con	●	
	Intelligent eye (auto energy saving)	—		Wiring error check function	—	
	2-area intelligent eye (comfort)	—		Anti-corrosion treatment of outdoor heat exchanger	—	
	Two selectable temperature sensors	●★2	Flexibility	Multi-split/split type compatible indoor unit	●	
	0.5°C step room temperature setting	—		H/P, C/O compatible indoor unit	●	
	Auto-cooling/heating changeover	●		High ceiling application	●	
	Hot-start function	●		Chargeless	—	
	Draft prevention function (when heating)	●		Either side drain (right or left)	—	
Automatic defrosting	—	Drain pump mechanism		●		
Operation	Automatic operation	●	Power selection	—		
	Programme dry function	●	Remote Control	Remote control adaptor (normal open pulse contact) (option)	—	
	Fan only	●		Remote control adaptor (normal open contact) (option)	—	
	Heat plus	—		DIII-NET compatible (adaptor) (option)	—	
Lifestyle Convenience	Super powerful operation	—		Wireless LAN adaptor (option)	—	
	Priority-room setting	—	Remote Controller	Wireless (option)	●	
	Cooling/heating mode lock	—		Wired (option)	●	
	Home leave operation	—				
	ECONO mode	—				
	Indoor unit ON/OFF switch	●★1				
	Signal reception indicator	●★1				
	Remote controller (backlight)	●				
Temperature display	—					

**Note:** ● : Available  
— : Not available

★1: With wireless remote controller  
★2: With wired remote controller

Category	Functions	3MXM52R2VMA 4MXM68/80R2VMA 5MXM100R2VMA	Category	Functions	3MXM52R2VMA 4MXM68/80R2VMA 5MXM100R2VMA	
Basic Functions	Inverter (with inverter power control)	●	Health & Cleanliness	Deodorizing filter (enzyme blue)	—	
	Operation limit for cooling	Refer to P. 292		Dust collection filter (PM2.5)	—	
	Operation limit for heating			Titanium apatite deodorizing filter	—	
	PAM control			●	Silver ion anti-bacterial drain pan	—
	Wide-range waveform control	●		Longlife filter (option)	—	
	Demand control	●		Mould proof air filter (prefilter)	—	
Compressor	Oval scroll compressor	—		Wipe-clean flat panel	—	
	Swing compressor	●		Washable grille	—	
	Rotary compressor	—		Removable drain-pan	—	
	Reluctance DC motor	●		Filter sign	—	
Comfortable Airflow	Power-airflow flap	—		Mould proof operation	—	
	Power-airflow dual flaps	—		Heating dry operation	—	
	Power-airflow diffuser	—		Timer	Setpoint auto reset	—
	Wide-angle louvres	—			Setpoint range set	—
	Auto-swing (up and down)	—	WEEKLY TIMER operation		—	
	Auto-swing (left and right)	—	Schedule timer		—	
	3-D airflow	—	Off timer (programmed)		—	
	Comfort airflow mode	—	24-hour ON/OFF timer		—	
Comfort Control	Switchable fan speed	—	72-hour ON/OFF timer		—	
	Auto fan speed	—	Count up/down ON/OFF timer		—	
	Comfortable auto fan speed	—	Night set mode		—	
	Indoor unit quiet operation	—	Worry Free (Reliability & Durability)		Auto-restart (after power failure)	—
	NIGHT QUIET mode (automatic)	●		Self-diagnosis with remo-con	●	
	Outdoor unit quiet operation	●		Wiring error check function	●	
	Intelligent eye (auto energy saving)	—		Anti-corrosion treatment of outdoor heat exchanger	—	
	2-area intelligent eye (comfort)	—	Flexibility	Multi-split/split type compatible indoor unit	—	
	Two selectable temperature sensors	—		H/P, C/O compatible indoor unit	—	
	0.5°C step room temperature setting	—		High ceiling application	—	
Auto-cooling/heating changeover	—	Chargeless		—		
Hot-start function	—	Either side drain (right or left)		—		
Automatic defrosting	●	Drain pump mechanism		—		
Operation	Automatic operation	—	Power selection	—		
	Programme dry function	—	Remote Control	Remote control adaptor (normal open pulse contact) (option)	—	
	Fan only	—		Remote control adaptor (normal open contact) (option)	—	
	Heat plus	—		DIII-NET compatible (adaptor) (option)	—	
Lifestyle Convenience	Super powerful operation	—		Wireless LAN adaptor (option)	—	
	Priority-room setting	●		Remote Controller	Wireless	—
	Cooling/heating mode lock	—			Wired (option)	—
	Home leave operation	—				
	ECONO mode	●				
	Indoor unit ON/OFF switch	—				
	Signal reception indicator	—				
	Remote controller (backlight)	—				
Temperature display	—					

**Note:** ● : Available  
— : Not available

## 3. Specifications

### 3.1 Indoor Unit

#### Wall Mounted Type

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

Model			CTXJ25RVMAW		CTXJ25RVMAS	
			Cooling	Heating	Cooling	Heating
Capacity ★			2.5 kW Class		2.5 kW Class	
Front Panel Colour			White		Silver	
Airflow Rates	H	m <sup>3</sup> /min (cfm)	8.3 (293)	10.4 (367)	8.3 (293)	10.4 (367)
	M		6.3 (222)	7.5 (265)	6.3 (222)	7.5 (265)
	L		4.0 (141)	5.8 (205)	4.0 (141)	5.8 (205)
	SL		3.5 (124)	3.3 (117)	3.5 (124)	3.3 (117)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.12 - 0.12 - 0.11 / 0.12 - 0.12	0.16 - 0.16 - 0.16 / 0.16 - 0.16	0.12 - 0.12 - 0.11 / 0.12 - 0.12	0.16 - 0.16 - 0.16 / 0.16 - 0.16
Power Consumption (Rated)	W		22 - 22 - 22 / 22 - 22	33 - 33 - 33 / 33 - 33	22 - 22 - 22 / 22 - 22	33 - 33 - 33 / 33 - 33
Power Factor (Rated)	%		83.3 - 79.7 - 83.3 / 83.3 - 79.7	93.8 - 89.7 - 85.9 / 93.8 - 89.7	83.3 - 79.7 - 83.3 / 83.3 - 79.7	93.8 - 89.7 - 85.9 / 93.8 - 89.7
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)	mm		303 × 998 × 212		303 × 998 × 212	
Packaged Dimensions (H × W × D)	mm		322 × 1,101 × 389		322 × 1,101 × 389	
Weight (Mass)	kg		12		12	
Gross Weight (Gross Mass)	kg		15		15	
Sound Pressure Level	H / M / L / SL	dB(A)	38 / 32 / 25 / 21	41 / 34 / 28 / 21	38 / 32 / 25 / 21	41 / 34 / 28 / 21
Sound Power Level	H	dB	52	55	52	55
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 9.5		φ 9.5	
	Drain	mm	φ 16		φ 16	
Drawing No.			3D110809		3D110931	

Model			CTXJ35RVMAW		CTXJ35RVMAS	
			Cooling	Heating	Cooling	Heating
Capacity ★			3.5 kW Class		3.5 kW Class	
Front Panel Colour			White		Silver	
Airflow Rates	H	m <sup>3</sup> /min (cfm)	10.6 (374)	11.9 (420)	10.6 (374)	11.9 (420)
	M		6.8 (240)	8.5 (300)	6.8 (240)	8.5 (300)
	L		5.1 (180)	6.2 (219)	5.1 (180)	6.2 (219)
	SL		4.3 (152)	3.5 (124)	4.3 (152)	3.5 (124)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.16 - 0.16 - 0.16 / 0.16 - 0.16	0.22 - 0.22 - 0.22 / 0.22 - 0.22	0.16 - 0.16 - 0.16 / 0.16 - 0.16	0.22 - 0.22 - 0.22 / 0.22 - 0.22
Power Consumption (Rated)	W		33 - 33 - 33 / 33 - 33	43 - 43 - 43 / 43 - 43	33 - 33 - 33 / 33 - 33	43 - 43 - 43 / 43 - 43
Power Factor (Rated)	%		93.8 - 89.7 - 85.9 / 93.8 - 89.7	88.8 - 85.0 - 81.4 / 88.8 - 85.0	93.8 - 89.7 - 85.9 / 93.8 - 89.7	88.8 - 85.0 - 81.4 / 88.8 - 85.0
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)	mm		303 × 998 × 212		303 × 998 × 212	
Packaged Dimensions (H × W × D)	mm		322 × 1,101 × 389		322 × 1,101 × 389	
Weight (Mass)	kg		12		12	
Gross Weight (Gross Mass)	kg		15		15	
Sound Pressure Level	H / M / L / SL	dB(A)	45 / 34 / 26 / 22	45 / 37 / 29 / 22	45 / 34 / 26 / 22	45 / 37 / 29 / 22
Sound Power Level	H	dB	59	59	59	59
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 9.5		φ 9.5	
	Drain	mm	φ 16		φ 16	
Drawing No.			3D110810		3D110933	

- Notes:**
- ★ See Page 24 ~ 63 "Combination Capacity" for reference values.
  - SL: The Quiet fan level of the airflow rate setting.

## Conversion Formulae

$$\begin{aligned} \text{kcal/h} &= \text{kW} \times 860 \\ \text{Btu/h} &= \text{kW} \times 3412 \\ \text{cfm} &= \text{m}^3/\text{min} \times 35.3 \end{aligned}$$

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

1

Model			CTXJ50RVMAW		CTXJ50RVMAS	
			Cooling	Heating	Cooling	Heating
Capacity ★			5.0 kW Class		5.0 kW Class	
Front Panel Colour			White		Silver	
Airflow Rates	H	m <sup>3</sup> /min (cfm)	10.8 (381)	12.4 (438)	10.8 (381)	12.4 (438)
	M		8.4 (297)	9.9 (350)	8.4 (297)	9.9 (350)
	L		6.8 (240)	7.5 (265)	6.8 (240)	7.5 (265)
	SL		6.3 (222)	6.0 (212)	6.3 (222)	6.0 (212)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.18 - 0.18 - 0.18 / 0.18 - 0.18	0.24 - 0.24 - 0.24 / 0.24 - 0.24	0.18 - 0.18 - 0.18 / 0.18 - 0.18	0.24 - 0.24 - 0.24 / 0.24 - 0.24
Power Consumption (Rated)	W		35 - 35 - 35 / 35 - 35	46 - 46 - 46 / 46 - 46	35 - 35 - 35 / 35 - 35	46 - 46 - 46 / 46 - 46
Power Factor (Rated)	%		88.4 - 84.5 - 81.0 / 88.4 - 84.5	87.1 - 83.3 - 79.9 / 87.1 - 83.3	88.4 - 84.5 - 81.0 / 88.4 - 84.5	87.1 - 83.3 - 79.9 / 87.1 - 83.3
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	mm		303 x 998 x 212		303 x 998 x 212	
Packaged Dimensions (H x W x D)	mm		322 x 1,101 x 389		322 x 1,101 x 389	
Weight (Mass)	kg		12		12	
Gross Weight (Gross Mass)	kg		15		15	
Sound Pressure Level	H / M / L / SL	dB(A)	46 / 40 / 35 / 32	47 / 41 / 35 / 32	46 / 40 / 35 / 32	47 / 41 / 35 / 32
Sound Power Level	H	dB	60	61	60	61
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 12.7		φ 12.7	
	Drain	mm	φ 16		φ 16	
Drawing No.			3D110811		3D110934	

Model			CTXM20RVMA		CTXM25RVMA	
			Cooling	Heating	Cooling	Heating
Capacity ★			2.0 kW Class		2.5 kW Class	
Front Panel Colour			White		White	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	9.3 (328)	9.6 (339)	10.4 (367)	10.4 (367)
	M		7.2 (254)	8.0 (282)	7.2 (254)	8.0 (282)
	L		5.7 (201)	5.8 (205)	5.7 (201)	5.8 (205)
	SL		4.3 (152)	4.2 (148)	4.3 (152)	4.2 (148)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.20 - 0.19 - 0.18 / 0.20 - 0.19	0.21 - 0.20 - 0.19 / 0.21 - 0.20	0.25 - 0.24 - 0.23 / 0.25 - 0.24	0.25 - 0.24 - 0.23 / 0.25 - 0.24
Power Consumption (Rated)	W		18 - 18 - 18 / 18 - 18	20 - 20 - 20 / 20 - 20	23 - 23 - 23 / 23 - 23	23 - 23 - 23 / 23 - 23
Power Factor (Rated)	%		40.9 - 41.2 - 41.7 / 40.9 - 41.2	43.3 - 43.5 - 43.9 / 43.3 - 43.5	41.8 - 41.7 - 41.7 / 41.8 - 41.7	41.8 - 41.7 - 41.7 / 41.8 - 41.7
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	mm		285 x 770 x 223		285 x 770 x 223	
Packaged Dimensions (H x W x D)	mm		320 x 830 x 360		320 x 830 x 360	
Weight (Mass)	kg		9		9	
Gross Weight (Gross Mass)	kg		11		11	
Sound Pressure Level	H / M / L / SL	dB(A)	38 / 32 / 25 / 19	39 / 34 / 28 / 20	40 / 32 / 25 / 19	40 / 34 / 28 / 20
Sound Power Level	H	dB	52	53	54	54
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 9.5		φ 9.5	
	Drain	mm	φ 16		φ 16	
Drawing No.			3D110836A		3D110837A	

- Notes:**
- ★ See Page 24 ~ 63 "Combination Capacity".
  - SL: The Quiet fan level of the airflow rate setting.

Conversion Formulae
kcal/h = kW x 860
Btu/h = kW x 3412
cfm = m <sup>3</sup> /min x 35.3

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

Model			CTXM35RVMA		CTXM46RVMA	
			Cooling	Heating	Cooling	Heating
Capacity ★			3.5 kW Class		4.6 kW Class	
Front Panel Colour			White		White	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	11.3 (399)	11.3 (399)	12.2 (431)	12.1 (427)
	M		7.9 (279)	8.5 (300)	10.0 (353)	9.3 (328)
	L		5.9 (208)	6.1 (215)	8.4 (297)	7.5 (265)
	SL		4.3 (152)	4.2 (148)	6.5 (230)	5.2 (184)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.29 - 0.28 - 0.27 / 0.29 - 0.28	0.29 - 0.28 - 0.27 / 0.29 - 0.28	0.30 - 0.29 - 0.28 / 0.30 - 0.29	0.29 - 0.29 - 0.28 / 0.29 - 0.29
Power Consumption (Rated)	W		27 - 27 - 27 / 27 - 27	27 - 27 - 27 / 27 - 27	44 - 44 - 44 / 44 - 44	42 - 42 - 42 / 42 - 42
Power Factor (Rated)	%		42.3 - 41.9 - 41.7 / 42.3 - 41.9	42.3 - 41.9 - 41.7 / 42.3 - 41.9	66.7 - 66.0 - 65.5 / 66.7 - 66.0	65.8 - 63.0 - 62.5 / 65.8 - 63.0
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)	mm		285 × 770 × 223		285 × 770 × 223	
Packaged Dimensions (H × W × D)	mm		320 × 830 × 360		320 × 830 × 360	
Weight (Mass)	kg		9		9	
Gross Weight (Gross Mass)	kg		11		11	
Sound Pressure Level	H / M / L / SL	dB(A)	42 / 34 / 26 / 19	42 / 36 / 29 / 20	44 / 40 / 35 / 26	43 / 38 / 33 / 26
Sound Power Level	H	dB	56	56	58	57
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 9.5		φ 12.7	
	Drain	mm	φ 16		φ 16	
Drawing No.			3D110838A		3D110839	

Model			CTXM50RVMA		CTXM60RVMA	
			Cooling	Heating	Cooling	Heating
Capacity ★			5.0 kW Class		6.0 kW Class	
Front Panel Colour			White		White	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	16.9 (597)	17.2 (607)	19.5 (689)	20.0 (706)
	M		14.2 (501)	14.3 (505)	15.8 (558)	15.9 (561)
	L		11.7 (413)	11.4 (403)	12.7 (448)	11.4 (403)
	SL		9.4 (332)	9.2 (325)	9.7 (343)	9.7 (343)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.35 - 0.34 - 0.33 / 0.35 - 0.34	0.37 - 0.36 - 0.35 / 0.37 - 0.36	0.43 - 0.39 - 0.37 / 0.43 - 0.39	0.46 - 0.44 - 0.43 / 0.46 - 0.44
Power Consumption (Rated)	W		42 - 42 - 42 / 42 - 42	44 - 44 - 44 / 44 - 44	58 - 58 - 58 / 58 - 58	60 - 60 - 60 / 60 - 60
Power Factor (Rated)	%		54.5 - 53.7 - 53.0 / 54.5 - 53.7	54.1 - 53.1 - 52.4 / 54.1 - 53.1	61.3 - 64.7 - 65.3 / 61.3 - 64.7	59.3 - 59.3 - 58.1 / 59.3 - 59.3
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)	mm		295 × 990 × 263		295 × 990 × 263	
Packaged Dimensions (H × W × D)	mm		386 × 1,102 × 389		386 × 1,102 × 389	
Weight (Mass)	kg		13		13	
Gross Weight (Gross Mass)	kg		16		16	
Sound Pressure Level	H / M / L / SL	dB(A)	45 / 40 / 35 / 28	45 / 39 / 33 / 28	48 / 42 / 36 / 29	48 / 41 / 33 / 29
Sound Power Level	H	dB	59	59	62	62
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 12.7		φ 12.7	
	Drain	mm	φ 16		φ 16	
Drawing No.			3D110804		3D110805	

- Notes:**
- ★ See Page 24 ~ 63 "Combination Capacity".
  - SL: The Quiet fan level of the airflow rate setting.

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m <sup>3</sup> /min × 35.3

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

1

Model			CTXM71RVMA		CTXM85RVMA	
			Cooling	Heating	Cooling	Heating
Capacity ★			7.1 kW Class		8.5 kW Class	
Front Panel Colour			White		White	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	20.0 (706)	19.7 (696)	23.9 (844)	25.3 (893)
	M		16.8 (593)	16.8 (593)	20.6 (727)	20.8 (734)
	L		13.3 (470)	12.8 (452)	17.3 (611)	16.6 (586)
	SL		10.0 (353)	10.7 (378)	15.6 (551)	15.0 (530)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.51 - 0.50 - 0.49 / 0.51 - 0.50	0.46 - 0.44 - 0.43 / 0.46 - 0.44	0.39 - 0.39 - 0.38 / 0.39 - 0.39	0.46 - 0.45 - 0.45 / 0.46 - 0.45
Power Consumption (Rated)	W		64 - 64 - 64 / 64 - 64	60 - 60 - 60 / 60 - 60	72 - 72 - 72 / 72 - 72	83 - 83 - 83 / 83 - 83
Power Factor (Rated)	%		57.0 - 55.7 - 54.4 / 57.0 - 55.7	59.3 - 59.3 - 58.1 / 59.3 - 59.3	74.4 - 72.8 - 69.8 / 74.4 - 72.8	82.0 - 80.2 - 76.9 / 82.0 - 80.2
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)	mm		295 × 990 × 263		340 × 1,200 × 259	
Packaged Dimensions (H × W × D)	mm		386 × 1,102 × 389		342 × 1,310 × 429	
Weight (Mass)	kg		13		17	
Gross Weight (Gross Mass)	kg		16		22	
Sound Pressure Level	H / M / L / SL	dB(A)	49 / 45 / 37 / 30	49 / 43 / 35 / 30	51 / 46 / 40 / 37	51 / 45 / 38 / 35
Sound Power Level	H	dB	63	63	65	65
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 15.9		φ 15.9	
	Drain	mm	φ 16		φ 16	
Drawing No.			3D110806		3D110807	

Model			CTXM95RVMA	
			Cooling	Heating
Capacity ★			9.5 kW Class	
Front Panel Colour			White	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	24.0 (848)	24.8 (876)
	M		20.4 (720)	19.9 (703)
	L		16.9 (597)	15.5 (547)
	SL		14.6 (516)	14.1 (498)
Fan	Type		Cross Flow Fan	
	Motor Output	W	—	
	Speed	Steps	5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.46 - 0.45 - 0.45 / 0.46 - 0.45	0.49 - 0.48 - 0.47 / 0.49 - 0.48
Power Consumption (Rated)	W		79 - 79 - 79 / 79 - 79	85 - 85 - 85 / 85 - 85
Power Factor (Rated)	%		78.1 - 76.3 - 73.1 / 78.1 - 76.8	78.8 - 77.0 - 75.4 / 78.8 - 77.0
Temperature Control			Microcomputer Control	
Dimensions (H × W × D)	mm		340 × 1,200 × 259	
Packaged Dimensions (H × W × D)	mm		342 × 1,310 × 429	
Weight (Mass)	kg		18	
Gross Weight (Gross Mass)	kg		23	
Sound Pressure Level	H / M / L / SL	dB(A)	53 / 48 / 42 / 38	52 / 45 / 38 / 35
Sound Power Level	H	dB	67	66
Heat Insulation			Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4	
	Gas	mm	φ 15.9	
	Drain	mm	φ 16	
Drawing No.			3D110808	

- Notes:**
- ★ See Page 24 ~ 63 "Combination Capacity".
  - SL: The Quiet fan level of the airflow rate setting.

Conversion Formulae kcal/h = kW × 860 Btu/h = kW × 3412 cfm = m <sup>3</sup> /min × 35.3
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50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

Model			CTXJ25TVMAW		CTXJ25TVMAK	
			Cooling	Heating	Cooling	Heating
Capacity ★			2.5 kW Class		2.5 kW Class	
Front Panel Colour			White Hairline		Black Wood	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	10.6 (374)	12.2 (431)	10.6 (374)	12.2 (431)
	M		7.8 (274)	9.4 (332)	7.8 (274)	9.4 (332)
	L		5.8 (205)	7.4 (261)	5.8 (205)	7.4 (261)
	SL		4.2 (148)	4.9 (173)	4.2 (148)	4.9 (173)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	24		24	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.25 - 0.25 - 0.24 / 0.25 - 0.25	0.29 - 0.28 - 0.27 / 0.29 - 0.28	0.25 - 0.25 - 0.24 / 0.25 - 0.25	0.29 - 0.28 - 0.27 / 0.29 - 0.28
Power Consumption (Rated)	W		27	33	27	33
Power Factor (Rated)	%		49.1 - 47.0 - 47.0 / 49.1 - 47.0	51.7 - 51.2 - 50.9 / 51.7 - 51.2	49.1 - 47.0 - 47.0 / 49.1 - 47.0	51.7 - 51.2 - 50.9 / 51.7 - 51.2
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	mm		295 x 798 x 185		295 x 798 x 185	
Packaged Dimensions (H x W x D)	mm		295 x 865 x 389		295 x 865 x 389	
Weight (Mass)	kg		11		11	
Gross Weight (Gross Mass)	kg		15		15	
Sound Pressure Level	H / M / L / SL	dB(A)	40 / 32 / 25 / 19	41 / 34 / 28 / 19	40 / 32 / 25 / 19	41 / 34 / 28 / 19
Sound Power Level	H	dB	56	57	56	57
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 9.5		φ 9.5	
	Drain	mm	φ 16.0		φ 16.0	
Drawing No.			3D129933		3D129937	

Model			CTXJ35TVMAW		CTXJ35TVMAK	
			Cooling	Heating	Cooling	Heating
Capacity ★			3.5 kW Class		3.5 kW Class	
Front Panel Colour			White Hairline		Black Wood	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	11.4 (403)	12.7 (448)	11.4 (403)	12.7 (448)
	M		8.4 (297)	10.1 (357)	8.4 (297)	10.1 (357)
	L		6.0 (212)	7.6 (268)	6.0 (212)	7.6 (268)
	SL		4.3 (152)	5.1 (180)	4.3 (152)	5.1 (180)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	28		28	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.29 - 0.28 - 0.27 / 0.29 - 0.28	0.31 - 0.30 - 0.29 / 0.31 - 0.30	0.29 - 0.28 - 0.27 / 0.29 - 0.28	0.31 - 0.30 - 0.29 / 0.31 - 0.30
Power Consumption (Rated)	W		33	36	33	36
Power Factor (Rated)	%		51.7 - 51.2 - 50.9 / 51.7 - 51.2	52.8 - 52.2 - 51.7 / 52.8 - 52.2	51.7 - 51.2 - 50.9 / 51.7 - 51.2	52.8 - 52.2 - 51.7 / 52.8 - 52.2
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	mm		295 x 798 x 185		295 x 798 x 185	
Packaged Dimensions (H x W x D)	mm		295 x 865 x 389		295 x 865 x 389	
Weight (Mass)	kg		11		11	
Gross Weight (Gross Mass)	kg		15		15	
Sound Pressure Level	H / M / L / SL	dB(A)	42 / 34 / 26 / 20	42 / 36 / 29 / 20	42 / 34 / 26 / 20	42 / 36 / 29 / 20
Sound Power Level	H	dB	58	58	58	58
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 9.5		φ 9.5	
	Drain	mm	φ 16.0		φ 16.0	
Drawing No.			3D129934		3D129938	

- Notes:**
- ★ See Page 24 ~ 63 "Combination Capacity".
  - SL: The Quiet fan level of the airflow rate setting.

Conversion Formulae
kcal/h = kW x 860
Btu/h = kW x 3412
cfm = m <sup>3</sup> /min x 35.3

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

1

Model			CTXJ50TVMAW		CTXJ50TVMAK	
			Cooling	Heating	Cooling	Heating
Capacity ★			5.0 kW Class		5.0 kW Class	
Front Panel Colour			White Hairline		Black Wood	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	13.1 (463)	14.3 (505)	13.1 (463)	14.3 (505)
	M		10.8 (381)	11.2 (395)	10.8 (381)	11.2 (395)
	L		8.9 (314)	9.4 (332)	8.9 (314)	9.4 (332)
	SL		7.9 (279)	8.3 (293)	7.9 (279)	8.3 (293)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	35		35	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.36 - 0.34 - 0.33 / 0.36 - 0.34	0.38 - 0.36 - 0.35 / 0.38 - 0.36	0.36 - 0.34 - 0.33 / 0.36 - 0.34	0.38 - 0.36 - 0.35 / 0.38 - 0.36
Power Consumption (Rated)	W		41	43	41	43
Power Factor (Rated)	%		51.8 - 52.4 - 51.8 / 51.8 - 52.4	51.4 - 51.9 - 51.2 / 51.4 - 51.9	51.8 - 52.4 - 51.8 / 51.8 - 52.4	51.4 - 51.9 - 51.2 / 51.4 - 51.9
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	mm		295 x 798 x 185		295 x 798 x 185	
Packaged Dimensions (H x W x D)	mm		295 x 865 x 389		295 x 865 x 389	
Weight (Mass)	kg		11		11	
Gross Weight (Gross Mass)	kg		15		15	
Sound Pressure Level	H / M / L / SL	dB(A)	45 / 40 / 35 / 32		45 / 40 / 35 / 32	
Sound Power Level	H	dB	61		61	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 12.7		φ 12.7	
	Drain	mm	φ 16.0		φ 16.0	
Drawing No.			3D129935		3D129939	

Model			CTXJ60TVMAW		CTXJ60TVMAK	
			Cooling	Heating	Cooling	Heating
Capacity ★			6.0 kW Class		6.0 kW Class	
Front Panel Colour			White Hairline		Black Wood	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	14.6 (516)	16.4 (579)	14.6 (516)	16.4 (579)
	M		11.6 (410)	12.2 (431)	11.6 (410)	12.2 (431)
	L		9.3 (328)	10.5 (371)	9.3 (328)	10.5 (371)
	SL		8.3 (293)	9.1 (321)	8.3 (293)	9.1 (321)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	48		48	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downwards		Right, Left, Horizontal, Downwards	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.42 - 0.40 - 0.38 / 0.42 - 0.40	0.48 - 0.46 - 0.44 / 0.48 - 0.46	0.42 - 0.40 - 0.38 / 0.42 - 0.40	0.48 - 0.46 - 0.44 / 0.48 - 0.46
Power Consumption (Rated)	W		51	58	51	58
Power Factor (Rated)	%		55.2 - 55.4 - 55.9 / 55.2 - 55.4	54.9 - 54.8 - 54.9 / 54.9 - 54.8	55.2 - 55.4 - 55.9 / 55.2 - 55.4	54.9 - 54.8 - 54.9 / 54.9 - 54.8
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	mm		295 x 798 x 185		295 x 798 x 185	
Packaged Dimensions (H x W x D)	mm		295 x 865 x 389		295 x 865 x 389	
Weight (Mass)	kg		11		11	
Gross Weight (Gross Mass)	kg		15		15	
Sound Pressure Level	H / M / L / SL	dB(A)	48 / 42 / 36 / 33		48 / 42 / 36 / 33	
Sound Power Level	H	dB	64		64	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 12.7		φ 12.7	
	Drain	mm	φ 16.0		φ 16.0	
Drawing No.			3D129936		3D129940	

- Notes:**
- ★ See Page 24 ~ 63 "Combination Capacity".
  - SL: The Quiet fan level of the airflow rate setting.

Conversion Formulae

$$\begin{aligned} \text{kcal/h} &= \text{kW} \times 860 \\ \text{Btu/h} &= \text{kW} \times 3412 \\ \text{cfm} &= \text{m}^3/\text{min} \times 35.3 \end{aligned}$$

Duct Connected Type

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

Model			CDXP25RVMA		CDXP35RVMA	
			Cooling	Heating	Cooling	Heating
Capacity ★			2.5 kW Class		3.5 kW Class	
Airflow Rates	H	m <sup>3</sup> /min (cfm)	8.7 (307)	8.7 (307)	8.7 (307)	8.7 (307)
	M		8.0 (282)	8.0 (283)	8.0 (282)	8.0 (283)
	L		7.3 (258)	7.3 (258)	7.3 (258)	7.3 (258)
	SL		6.2 (219)	6.2 (219)	6.2 (219)	6.2 (219)
Fan	Type		Sirocco Fan		Sirocco Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.47 - 0.48 - 0.49 / 0.52 - 0.53	0.47 - 0.48 - 0.49 / 0.52 - 0.53	0.47 - 0.48 - 0.49 / 0.52 - 0.53	0.47 - 0.48 - 0.49 / 0.52 - 0.53
Power Consumption (Rated)	W		70 - 71 - 72 / 72 - 73	70 - 71 - 72 / 72 - 73	70 - 71 - 72 / 72 - 73	70 - 71 - 72 / 72 - 73
Power Factor (Rated)	%		67.7 - 64.3 - 61.2 / 62.9 - 59.9	67.7 - 64.3 - 61.2 / 62.9 - 59.9	67.7 - 64.3 - 61.2 / 62.9 - 59.9	67.7 - 64.3 - 61.2 / 62.9 - 59.9
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	mm		200 x 700 x 620		200 x 700 x 620	
Packaged Dimensions (H x W x D)	mm		274 x 906 x 751		274 x 906 x 751	
Weight (Mass)	kg		21		21	
Gross Weight (Gross Mass)	kg		26		26	
Sound Pressure Level	H / M / L / SL	dB(A)	35 / 33 / 31 / 29		35 / 33 / 31 / 29	
Sound Power Level	H	dB	49		49	
External Static Pressure	Pa		30		30	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 9.5		φ 9.5	
	Drain	mm	VP20 (O.D. φ 26 / I.D. φ 20)		VP20 (O.D. φ 26 / I.D. φ 20)	
Drawing No.			3D110812		3D110813	

Model			CDXM25RVMA		CDXM35RVMA	
			Cooling	Heating	Cooling	Heating
Capacity ★			2.5 kW Class		3.5 kW Class	
Airflow Rates	H	m <sup>3</sup> /min (cfm)	9.5 (335)	9.5 (335)	10.0 (353)	10.0 (353)
	M		8.8 (311)	8.8 (311)	9.3 (328)	9.3 (328)
	L		8.0 (282)	8.0 (282)	8.5 (300)	8.5 (300)
	SL		6.7 (237)	6.7 (237)	7.0 (247)	7.0 (247)
Fan	Type		Sirocco Fan		Sirocco Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.49 - 0.47 - 0.45 / 0.49 - 0.47	0.49 - 0.47 - 0.45 / 0.49 - 0.47	0.49 - 0.47 - 0.45 / 0.49 - 0.47	0.49 - 0.47 - 0.45 / 0.49 - 0.47
Power Consumption (Rated)	W		100 - 100 - 100 / 100 - 100	100 - 100 - 100 / 100 - 100	100 - 100 - 100 / 100 - 100	100 - 100 - 100 / 100 - 100
Power Factor (Rated)	%		92.8 - 92.5 - 92.6 / 92.8 - 92.5	92.8 - 92.5 - 92.6 / 92.8 - 92.5	92.8 - 92.5 - 92.6 / 92.8 - 92.5	92.8 - 92.5 - 92.6 / 92.8 - 92.5
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	mm		200 x 900 x 620		200 x 900 x 620	
Packaged Dimensions (H x W x D)	mm		266 x 1,106 x 751		266 x 1,106 x 751	
Weight (Mass)	kg		25		25	
Gross Weight (Gross Mass)	kg		29		29	
Sound Pressure Level	H / M / L / SL	dB(A)	35 / 33 / 31 / 29		35 / 33 / 31 / 29	
Sound Power Level	H	dB	49		49	
External Static Pressure	Pa		40		40	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 9.5		φ 9.5	
	Drain	mm	VP20 (O.D. φ 26 / I.D. φ 20)		VP20 (O.D. φ 26 / I.D. φ 20)	
Drawing No.			3D110814		3D110815	

- Notes:**
- ★ See Page 24 ~ 63 "Combination Capacity" for reference values.
  - SL: The Quiet fan level of the airflow rate setting.
  - The operating sound is based on the rear side suction inlet and the external static pressure 30 Pa (CDXM25/35RVMA: 40 Pa).  
Operating sound for bottom suction inlet : [operating sound for rear side suction inlet] +6 dB (CDXM25/35RVMA: +5 dB).  
However, when installation resulting in lower external static pressure is carried out, the operation sound may rise by more than 6 dB (CDXM25/35RVMA: 5 dB).

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m <sup>3</sup> /min × 35.3

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

1

Model			CDXM50RVMA		CDXM60RVMA	
			Cooling	Heating	Cooling	Heating
Capacity ★			5.0 kW Class		6.0 kW Class	
Airflow Rates	H	m <sup>3</sup> /min (cfm)	12.0 (424)	12.0 (424)	16.0 (565)	16.0 (565)
	M		11.0 (388)	11.0 (388)	14.8 (523)	14.8 (523)
	L		10.0 (353)	10.0 (353)	13.5 (477)	13.5 (477)
	SL		8.4 (297)	8.4 (297)	11.2 (395)	11.2 (395)
Fan	Type		Sirocco Fan		Sirocco Fan	
	Motor Output	W	—		—	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)		A	0.69 - 0.66 - 0.63 / 0.69 - 0.66	0.69 - 0.66 - 0.63 / 0.69 - 0.66	0.80 - 0.77 - 0.74 / 0.80 - 0.77	0.78 - 0.75 - 0.72 / 0.78 - 0.75
Power Consumption (Rated)		W	140 - 140 - 140 / 140 - 140	140 - 140 - 140 / 140 - 140	160 - 160 - 160 / 160 - 160	160 - 160 - 160 / 160 - 160
Power Factor (Rated)		%	92.2 - 92.2 - 92.6 / 92.2 - 92.2	92.2 - 92.2 - 92.6 / 92.2 - 92.2	90.9 - 90.3 - 90.1 / 90.9 - 90.3	93.2 - 92.8 - 92.6 / 93.2 - 92.8
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)		mm	200 × 900 × 620		200 × 1,100 × 620	
Packaged Dimensions (H × W × D)		mm	266 × 1,106 × 751		266 × 1,306 × 751	
Weight (Mass)		kg	27		30	
Gross Weight (Gross Mass)		kg	31		35	
Sound Pressure Level	H / M / L / SL	dB(A)	37 / 35 / 33 / 31	37 / 35 / 33 / 31	38 / 36 / 34 / 32	38 / 36 / 34 / 32
Sound Power Level	H	dB	51	51	52	52
External Static Pressure		Pa	40		40	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4		φ 6.4	
	Gas	mm	φ 12.7		φ 12.7	
	Drain	mm	VP20 (O.D. φ 26 / I.D. φ 20)		VP20 (O.D. φ 26 / I.D. φ 20)	
Drawing No.			3D110816		3D110817	

Model			CDXM71RVMA	
			Cooling	Heating
Capacity ★			7.1 kW Class	
Airflow Rate	H	m <sup>3</sup> /min (cfm)	16.0 (565)	16.0 (565)
	M		14.8 (523)	14.8 (523)
	L		13.5 (477)	13.5 (477)
	SL		11.2 (395)	11.2 (395)
Fan	Type		Sirocco Fan	
	Motor Output	W	—	
	Speed	Steps	5 Steps, Quiet, Auto	
Air Filter			Removable, Washable, Mildew Proof	
Running Current (Rated)		A	0.80 - 0.77 - 0.74 / 0.80 - 0.77	0.78 - 0.75 - 0.72 / 0.78 - 0.75
Power Consumption (Rated)		W	160 - 160 - 160 / 160 - 160	160 - 160 - 160 / 160 - 160
Power Factor (Rated)		%	90.9 - 90.3 - 90.1 / 90.9 - 90.3	93.2 - 92.8 - 92.6 / 93.2 - 92.8
Temperature Control			Microcomputer Control	
Dimensions (H × W × D)		mm	200 × 1,100 × 620	
Packaged Dimensions (H × W × D)		mm	266 × 1,306 × 751	
Weight (Mass)		kg	30	
Gross Weight (Gross Mass)		kg	35	
Sound Pressure Level	H / M / L / SL	dB(A)	38 / 36 / 34 / 32	38 / 36 / 34 / 32
Sound Power Level	H	dB	52	52
External Static Pressure		Pa	40	
Heat Insulation			Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4	
	Gas	mm	φ 15.9	
	Drain	mm	VP20 (O.D. φ 26 / I.D. φ 20)	
Drawing No.			3D110818	

**Notes:**

- ★ See Page 24 ~ 63 "Combination Capacity" for reference values.
- SL: The Quiet fan level of the airflow rate setting.
- The operating sound is based on the rear side suction inlet and the external static pressure 40 Pa. Operating sound for bottom suction inlet : [operating sound for rear side suction inlet] +5 dB. However, when installation resulting in lower external static pressure is carried out, the operation sound may rise by more than 5 dB.

Conversion Formulae

$$\begin{aligned} \text{kcal/h} &= \text{kW} \times 860 \\ \text{Btu/h} &= \text{kW} \times 3412 \\ \text{cfm} &= \text{m}^3/\text{min} \times 35.3 \end{aligned}$$

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

Model			FMA50RVMA	FMA60RVMA
Capacity ★1			5.0 kW Class	6.0 kW Class
Casing Colour			—	—
Coil	Type		Cross fin coil	Cross fin coil
	Row × Stages × Fin pitch		3 × 26 × 1.4	3 × 26 × 1.4
	Face area	m <sup>2</sup>	0.288	0.288
Airflow Rate	H	m <sup>3</sup> /min	18	18
	M		15	15
	L		12.5	12.5
	SL		—	—
Fan	Type		Sirocco fan	Sirocco fan
	Motor Output	W	230	230
	External Static Pressure (Rated) ★2	Pa	50 (50 - 150)	50 (50 - 150)
Air Direction Control			—	—
Air Filter ★3			—	—
Temperature Control			—	—
Dimensions (H × W × D)	mm		245 × 1,000 × 800	245 × 1,000 × 800
Packaged Dimensions (H × W × D)	mm		—	—
Weight (Mass)	kg		37	37
Gross Weight (Gross Mass)	kg		—	—
Sound Pressure Level	H / M / L / SL	dB(A)	35 / 33 / 31 / —	35 / 33 / 31 / —
Sound Power Level	H	dB	49	49
Heat Insulation			—	—
Piping Connections	Liquid	mm	φ 6.4 (Flare)	φ 6.4 (Flare)
	Gas	mm	φ 12.7 (Flare)	φ 12.7 (Flare)
	Drain	mm	VP25 (O.D. φ 32 / I.D. φ 25)	VP25 (O.D. φ 32 / I.D. φ 25)
Drawing No.			3D110858C	3D110858C

Model			FMA71RVMA
Capacity ★1			7.1 kW Class
Casing Colour			—
Coil	Type		Cross fin coil
	Row × Stages × Fin pitch		3 × 26 × 1.4
	Face area	m <sup>2</sup>	0.288
Airflow Rate	H	m <sup>3</sup> /min	23
	M		19.5
	L		16
	SL		—
Fan	Type		Sirocco fan
	Motor Output	W	230
	External Static Pressure (Rated) ★2	Pa	50 (50 - 150)
Air Direction Control			—
Air Filter ★3			—
Temperature Control			—
Dimensions (H × W × D)	mm		245 × 1,000 × 800
Packaged Dimensions (H × W × D)	mm		—
Weight (Mass)	kg		37
Gross Weight (Gross Mass)	kg		—
Sound Pressure Level	H / M / L / SL	dB(A)	38 / 35 / 33 / —
Sound Power Level	H	dB	52
Heat Insulation			—
Piping Connections	Liquid	mm	φ 6.4 (Flare)
	Gas	mm	φ 15.9 (Flare)
	Drain	mm	VP25 (O.D. φ 32 / I.D. φ 25)
Drawing No.			3D110858C

- Notes:**
- ★1 See Page 24 ~ 63 "Combination Capacity" for reference values.
  - ★2 External static pressure is changeable in 11 stages by remote controller.
  - ★3 Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.

<p>Conversion Formulae</p> <p>kcal/h = kW × 860</p> <p>Btu/h = kW × 3412</p> <p>cfm = m<sup>3</sup>/min × 35.3</p>
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Ceiling Mounted Cassette Type

50 Hz, 220 - 230 - 240 V

Model		FFA25RV1A		FFA35RV1A	
		Cooling	Heating	Cooling	Heating
Capacity ★1		2.5 kW Class		3.5 kW Class	
Decoration Panel (Option)	Model	BYFQ60B3W1		BYFQ60B3W1	
	Colour	White		White	
	Dimensions (H × W × D)	55 × 700 × 700		55 × 700 × 700	
	Air Filter	Removable, Washable, Mildew Proof, Longlife		Removable, Washable, Mildew Proof, Longlife	
	Weight (Mass)	2.7		2.7	
Airflow Rate	H	9.0 (318)	9.0 (318)	10.0 (353)	10.0 (353)
	M	—	—	—	—
	L	6.5 (230)	6.5 (230)	6.5 (230)	6.5 (230)
	SL	—	—	—	—
Fan	Type	Turbo Fan		Turbo Fan	
	Motor Output	—		—	
	Speed	2 Steps		2 Steps	
Air Direction Control		Horizontal, Downwards		Horizontal, Downwards	
Running Current (Rated)	A	0.36 - 0.37 - 0.38	0.31 - 0.32 - 0.32	0.39 - 0.40 - 0.40	0.37 - 0.36 - 0.35
Power Consumption (Rated)	W	63 - 73 - 83	55 - 64 - 73	74 - 84 - 94	68 - 76 - 84
Power Factor (Rated)	%	80.4 - 85.8 - 91.2	79.8 - 87.0 - 94.2	85.3 - 91.3 - 97.3	83.7 - 91.8 - 98.7
Temperature Control		Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D) ★2	mm	260 (286) × 575 × 575		260 (286) × 575 × 575	
Packaged Dimensions (H × W × D)	mm	370 × 687 × 674		370 × 687 × 674	
Weight (Mass)	kg	17.5		17.5	
Gross Weight (Gross Mass)	kg	20		20	
Sound Pressure Level	H / M / L / SL	dB(A)	33 / — / 27 / —	33 / — / 27 / —	36 / — / 29 / —
Sound Power Level	H	dB	46	46	49
Heat Insulation		Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4	φ 6.4	
	Gas	mm	φ 9.5	φ 9.5	
	Drain	mm	VP20 (O.D. φ 26 / I.D. φ 20)	VP20 (O.D. φ 26 / I.D. φ 20)	
Drawing No.		C: 3D110880		C: 3D110893	

Model		FFA50RV1A		FFA60RV1A	
		Cooling	Heating	Cooling	Heating
Capacity ★1		5.0 kW Class		6.0 kW Class	
Decoration Panel (Option)	Model	BYFQ60B3W1		BYFQ60B3W1	
	Colour	White		White	
	Dimensions (H × W × D)	55 × 700 × 700		55 × 700 × 700	
	Air Filter	Removable, Washable, Mildew Proof, Longlife		Removable, Washable, Mildew Proof, Longlife	
	Weight (Mass)	2.7		2.7	
Airflow Rate	H	12.0 (424)	12.0 (424)	15.0 (530)	15.0 (530)
	M	—	—	—	—
	L	8.0 (283)	8.0 (283)	10.0 (353)	10.0 (353)
	SL	—	—	—	—
Fan	Type	Turbo Fan		Turbo Fan	
	Motor Output	—		—	
	Speed	2 Steps		2 Steps	
Air Direction Control		Horizontal, Downwards		Horizontal, Downwards	
Running Current (Rated)	A	0.46 - 0.49 - 0.51	0.43 - 0.45 - 0.46	0.58 - 0.61 - 0.63	0.54 - 0.56 - 0.57
Power Consumption (Rated)	W	77 - 97 - 117	69 - 89 - 109	100 - 120 - 140	91 - 111 - 131
Power Factor (Rated)	%	76.6 - 86.1 - 95.6	73.3 - 86.0 - 98.7	78.4 - 85.5 - 92.6	76.6 - 86.2 - 95.8
Temperature Control		Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D) ★2	mm	260 (286) × 575 × 575		260 (286) × 575 × 575	
Packaged Dimensions (H × W × D)	mm	370 × 687 × 674		370 × 687 × 674	
Weight (Mass)	kg	17.5		17.5	
Gross Weight (Gross Mass)	kg	20		20	
Sound Pressure Level	H / M / L / SL	dB(A)	38 / — / 30 / —	38 / — / 28 / —	42 / — / 34 / —
Sound Power Level	H	dB	51	51	55
Heat Insulation		Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	mm	φ 6.4	φ 6.4	
	Gas	mm	φ 12.7	φ 12.7	
	Drain	mm	VP20 (O.D. φ 26 / I.D. φ 20)	VP20 (O.D. φ 26 / I.D. φ 20)	
Drawing No.		C: 3D110899		C: 3D110900	

**Notes:** ★1 See Page 24 ~ 63 "Combination Capacity" for reference values.  
 ★2 ( ) : dimensions including control box

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m <sup>3</sup> /min × 35.3

### 3.2 Outdoor Unit

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

Model		3MXM52R2VMA		4MXM68R2VMA		
		Cooling	Heating	Cooling	Heating	
Capacity ★	kW	—		—		
Power Consumption ★	W	—		—		
Running Current ★	A	—		—		
Casing Colour		Ivory White		Ivory White		
Heat Exchanger		WF Fin / φ 8 Hi-XA Tube		WF Fin / φ 8 Hi-XA Tube		
Compressor	Type	Hermetically Sealed Swing Type				
	Model	2YC40GXD				
	Motor Output	W	1,300		1,300	
Refrigerant Oil	Type	FW68DA				
	Charge	L	0.65		0.65	
Refrigerant	Type	R-32				
	Charge	kg	1.80		1.95	
Airflow Rate	H	m <sup>3</sup> /min	53.2 (1,880)	49.9 (1,761)	57.4 (2,028)	53.2 (1,880)
	L	(cfm)	49.0 (1,731)	44.8 (1,583)	51.6 (1,820)	47.4 (1,672)
Fan	Type	Propeller				
	Motor Output	W	55		55	
	Running Current (Rated)	A	H: 0.17 / L: 0.14	H: 0.15 / L: 0.12	H: 0.21 / L: 0.16	H: 0.17 / L: 0.13
	Power Consumption (Rated)	W	H: 54 / L: 44	H: 46 / L: 36	H: 65 / L: 50	H: 54 / L: 41
Starting Current	A	6.7		9.3		
Dimensions (H × W × D)	mm	695 × 930 × 350		695 × 930 × 350		
Packaged Dimensions (H × W × D)	mm	762 × 1,004 × 475		762 × 1,004 × 475		
Weight (Mass)	kg	53		56		
Gross Weight (Gross Mass)	kg	56		60		
Sound Pressure Level	dB(A)	45	47	47	48	
Sound Power Level	dB	57	59	59	60	
Piping Connections	Liquid	mm	φ 6.4 × 3		φ 6.4 × 4	
	Gas	mm	φ 9.5 × 1, φ 12.7 × 2		φ 9.5 × 2, φ 12.7 × 2	
	Drain	mm	φ 15.9		φ 15.9	
Heat Insulation		Both Liquid and Gas Pipes		Both Liquid and Gas Pipes		
No. of Wiring Connections		3 for Power Supply, 4 for Interunit Wiring (Including Earth Wiring)		3 for Power Supply, 4 for Interunit Wiring (Including Earth Wiring)		
Max. Interunit Piping Length	m	50 (for Total of Each Room)		60 (for Total of Each Room)		
	m	30 (for One Room)		30 (for One Room)		
Amount of Additional Charge	g/m	20 (40 m or more)		20 (40 m or more)		
Max. Installation Height Difference	m	15 (between Indoor Unit and Outdoor Unit)		15 (between Indoor Unit and Outdoor Unit)		
	m	7.5 (between Indoor Units)		7.5 (between Indoor Units)		
Drawing No.		3D144166		3D144167		

- Notes:**
- ★ See Page 24 ~ 26, 28 ~ 34 "Combination Capacity".
  - The data are based on the conditions shown in the table below.

Cooling	Heating	Piping Length
Indoor ; 27°CDB / 19°CWB Outdoor ; 35°CDB	Indoor ; 20°CDB Outdoor ; 7°CDB / 6°CWB	5 m

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m <sup>3</sup> /min × 35.3

50 Hz, 220 - 230 - 240 V / 60 Hz, 220 - 230 V

1

Model		4MXM80R2VMA		5MXM100R2VMA	
		Cooling	Heating	Cooling	Heating
Capacity ★	kW	—		—	
Power Consumption ★	W	—		—	
Running Current ★	A	—		—	
Casing Colour		Ivory White		Ivory White	
Heat Exchanger		WF Fin / φ 8 Hi-XA Tube		WF Fin / φ 8 Hi-XSL Tube	
Compressor	Type	Hermetically Sealed Swing Type		Hermetically Sealed Swing Type	
	Model	2YC71BXD		2YC71BXD	
	Motor Output	W	2,400	2,400	
Refrigerant Oil	Type	FW68DA		FW68DA	
	Charge	L	0.9	0.9	
Refrigerant	Type	R-32		R-32	
	Charge	kg	2.05	2.80	
Airflow Rate	H	m <sup>3</sup> /min	59.1 (2,087)	51.6 (1,820)	59.6 (2,104)
	L	(cfm)	54.1 (1,909)	48.2 (1,702)	52.9 (1,868)
Fan	Type	Propeller		Propeller	
	Motor Output	W	128	200	
	Running Current (Rated)	A	H: 0.17 / L: 0.14	H: 0.12 / L: 0.11	H: 0.23 / L: 0.18
	Power Consumption (Rated)	W	H: 63 / L: 51	H: 46 / L: 39	H: 75 / L: 59
Starting Current	A	10.9		12.2	
Dimensions (H × W × D)	mm	695 × 930 × 350		990 × 940 × 320	
Packaged Dimensions (H × W × D)	mm	762 × 1,004 × 475		1,114 × 1,003 × 425	
Weight (Mass)	kg	61		83	
Gross Weight (Gross Mass)	kg	65		90	
Sound Pressure Level	dB(A)	48	49	48	49
Sound Power Level	dB	60	61	60	61
Piping Connections	Liquid	mm	φ 6.4 × 4		φ 6.4 × 5
	Gas	mm	φ 9.5 × 1, φ 12.7 × 1, φ 15.9 × 2		φ 9.5 × 2, φ 12.7 × 1, φ 15.9 × 2
	Drain	mm	φ 15.9		φ 25
Heat Insulation		Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
No. of Wiring Connections		3 for Power Supply, 4 for Interunit Wiring (Including Earth Wiring)		3 for Power Supply, 4 for Interunit Wiring (Including Earth Wiring)	
Max. Interunit Piping Length	m	70 (for Total of Each Room)		80 (for Total of Each Room)	
	m	30 (for One Room)		30 (for One Room)	
Amount of Additional Charge	g/m	20 (40 m or more)		20 (40 m or more)	
Max. Installation Height Difference	m	15 (between Indoor Unit and Outdoor Unit)		15 (between Indoor Unit and Outdoor Unit)	
	m	7.5 (between Indoor Units)		7.5 (between Indoor Units)	
Drawing No.		3D144168		C: 3D109951	

- Notes:**
- ★ See Page 36 ~ 47, 48 ~ 63 "Combination Capacity".
  - The data are based on the conditions shown in the table below.

Cooling	Heating	Piping Length
Indoor ; 27°CDB / 19°CWB Outdoor ; 35°CDB	Indoor ; 20°CDB Outdoor ; 7°CDB / 6°CWB	5 m

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m <sup>3</sup> /min × 35.3