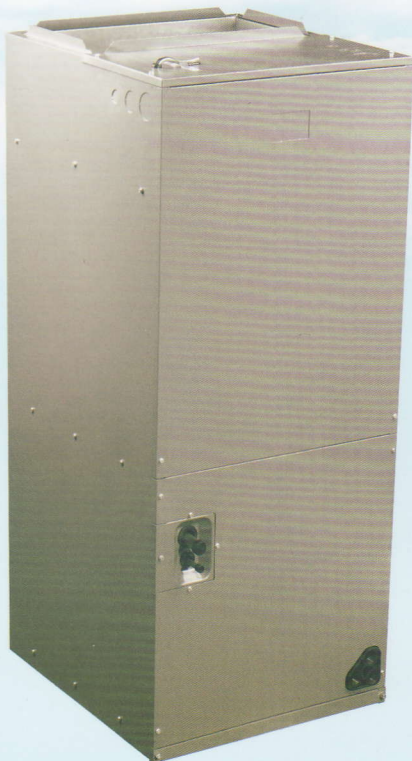




# Commercial Air conditioner



## 14 SEER air handler

- **Anti-rust:** painted galvanized steel cabinet, 500 hours' salt spray test
- **Low noise:** Fully insulated design helps to minimize indoor noise level
- **Common maintaining:** Removing the front panel will allow the blower assembly and coil assembly slide-out easily
- **Filter rack:** filter rack at the bottom, very convenient for installation
- **Multi-position:** 4-way convertible design for upflow, downflow, horizontal left and horizontal right.
- **Motor:** quiet operation 3-speed PSC motor  
AHRI Listed & ETL Certified

Accessories

- **Electric heater:**  
5kW/7.5kW/10kW/15kW/20kW





# Specifications - R410A Air Handler

Sale Model			MVA30NIC	MVA-36HWN1-M13
Power supply	V-Ph-Hz		208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
MCA	AMPS		1.9	2.3
MOP	AMPS		15	15
MOTOR	Model		YDK150-6F	YDK270-6F
	Type		PSC	PSC
	Capacitor	uF	10	10
	Rated HP		0.25	0.5
	Rated RPM	r/min	1075	1075
Indoor fan	material		Metal	Metal
	Type		Fan impeller	Fan impeller
	Diameter	inch	10-5/8	10-5/8
	Height	inch	10-3/4	10-3/4
In door coil type	Copper tube and Aluminum fin			
Indoor limit value of static pressure and air flow			40/1127	40/1389
Indoor sound level (sound pressure level)	dB(A)		50/48/44	50/48/44
Indoor unit	Dimension (W×H×D)	inch	19-5/8x46-1/2x21-5/8	19-5/8x46-1/2x21-5/8
	Packing (W×H×D)	inch	22-3/5x47-4/5x25-7/10	22-3/5x47-4/5x25-7/10
	Net/Gross weight	lbs	136/152	141/156
throttle type			Orifice	TXV
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4
Shipping per STD40HQ			154	154

Ultimate data changing right reserved by manufacturer.

Sale Model			MVA-42N1C	MVA-48HWN1-M13	MVA-60HWN1-M13
Power supply	V-Ph-Hz		208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
MCA	AMPS		2.3	2.8	3.5
MOP	AMPS		15	15	15
MOTOR	Model		YDK270-6F	YDK300-6F	YDK400-6F
	Type		PSC	PSC	PSC
	Capacitor	uF	10	20	20
	Rated HP		0.5	0.5	0.75
	Rated RPM	r/min	1075	1075	1075
Indoor fan	material		Metal	Metal	Metal
	Type		Fan impeller	Fan impeller	Fan impeller
	Diameter	inch	10-5/8	10-5/8	10-5/8
	Height	inch	10-3/4	10-3/4	10-3/4
In door coil type	Copper tube and Aluminum fin				
Indoor limit value of static pressure and air flow	Pa/CFM		40/1509	50/1595	50/1966
Indoor sound level (sound pressure level)	dB(A)		51/50/47	54/52/49	54/52/49
Indoor unit	Dimension (W×H×D)	inch	22x54-1/2x24	22x54-1/2x24	22x54-1/2x24
	Packing (W×H×D)	inch	25x55-4/5x27-7/10x55-4/5	25x55-4/5x27-7/10x55-4/5	25x55-4/5x27-7/10x55-4/5
	Net/Gross weight	lbs	172/187	172/187	172/187
throttle type			Orifice	TXV	Orifice/TXV
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
Shipping per STD40HQ			104	104	104

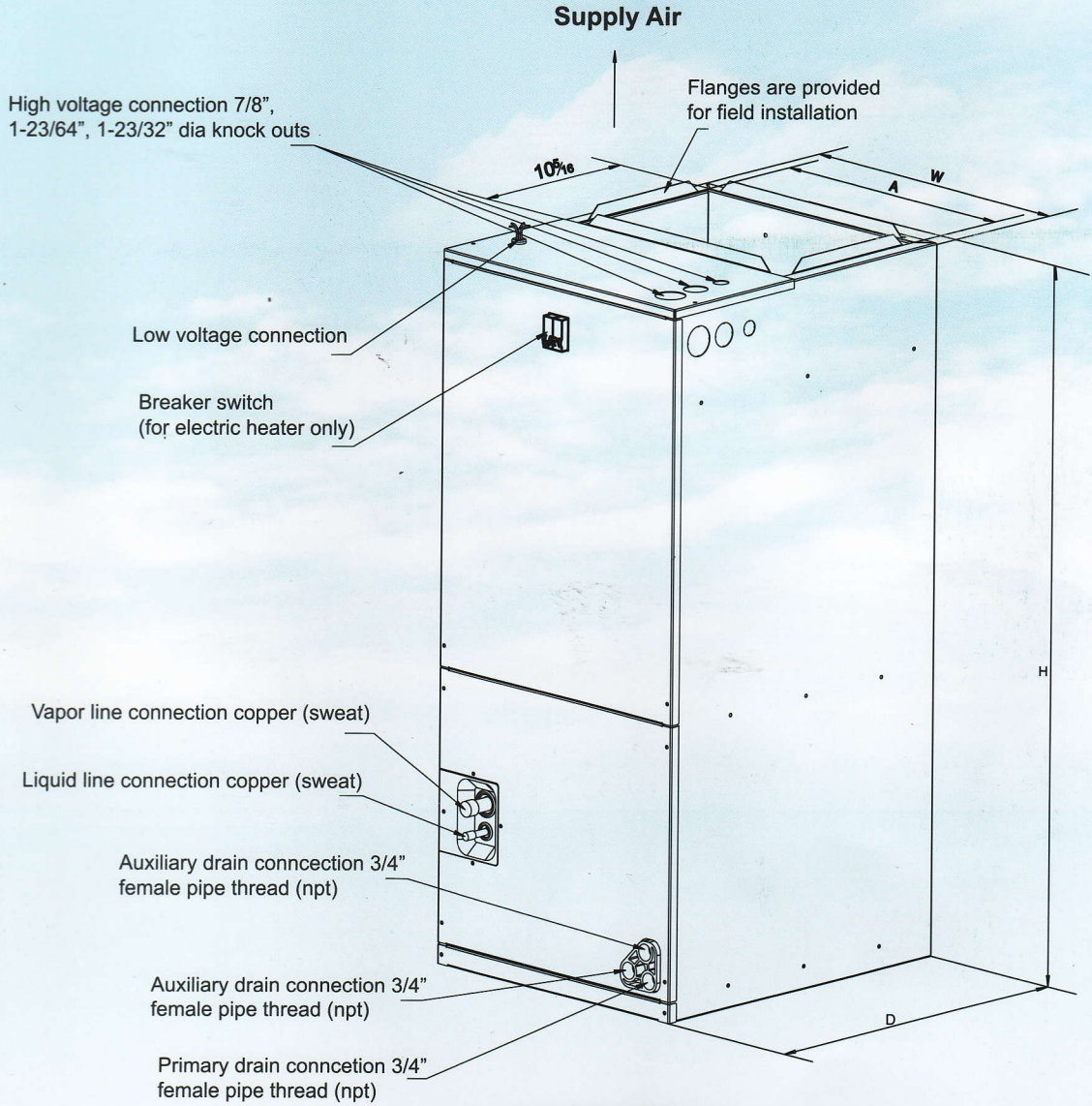
Ultimate data changing right reserved by manufacturer.



# Unit Dimensions

Note: 25" clearance is required in the front of the unit for filter and coil maintenance.

Electrical connections may exit top or either side



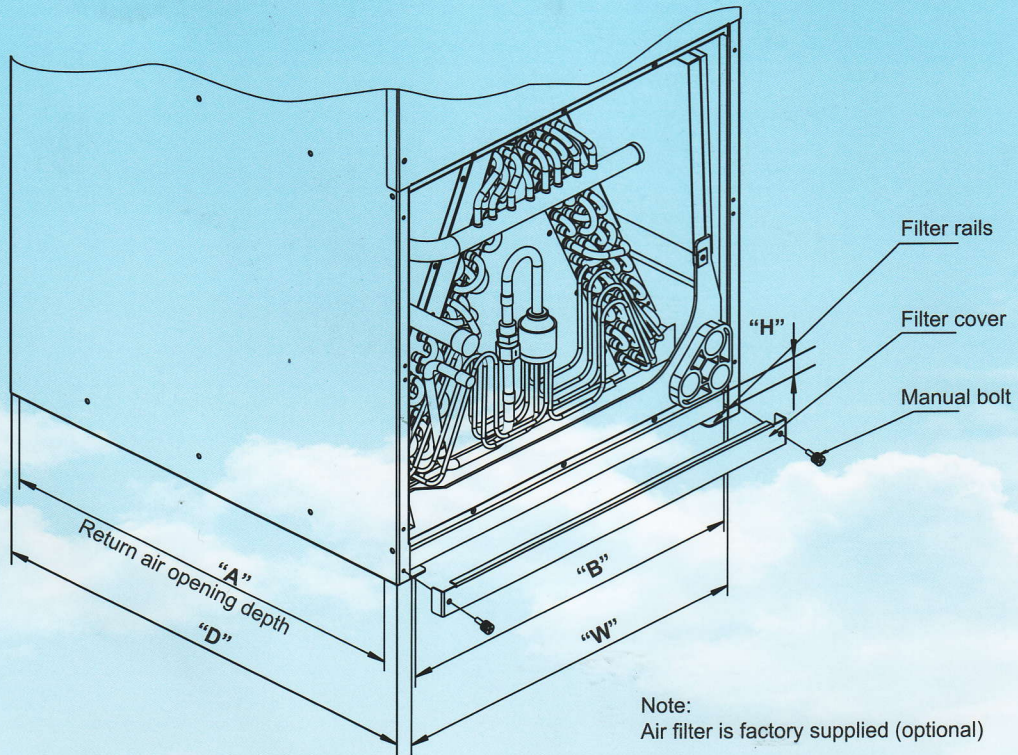
Upflow unit shown; unit may be installed upflow, downflow, horizontal right, or left air supply.

## Dimensional Data

Model	Filter Size IN [mm]	"W" IN [mm]	"D" IN [mm]	"H" IN [mm]	Return width "A" IN	Return Length "B" IN
18	16X20[406X508]	16.8[426]	20.4[518]	1[25.4]	19.6	14.8
24B/30B/36	18X20[457X508]	18.3[466]	21.6[548]	1[25.4]	20.8	16.3
42C/48/60	20X22[508X559]	20.7[526]	23.9[608]	1[25.4]	23	18.8



# Filter Installation Dimensions



## Dimensional Data

Model	Filter Size IN [mm]	"W" IN [mm]	"D" IN [mm]	"H" IN [mm]	Return Width "A" IN	Return Length "B" IN
18	16X20[406X508]	16.8[426]	20.4[518]	1[25.4]	19.6	14.8
24B/30B/36	18X20[457X508]	18.3[466]	21.6[548]	1[25.4]	20.8	16.3
42C/48/60	20X22[508X559]	20.7[526]	23.9[608]	1[25.4]	23	18.8



GD Midea Heating & Ventilating Equipment Co., Ltd.  
Is certified under the ISO 9001 International standard for quality assurance.  
NO.01 100 019209



GD Midea Heating & Ventilating Equipment Co., Ltd.  
Is certified under the ISO 14001 International standard for environmental management.  
Certificate No.15912E10020R0L

## Dealer information

### Commercial Air Conditioner Business Units Midea Group

Add: West region of Midea commercial air conditioner department, Industry Avenue, Beijingao, Shunde, Foshan, Guangdong, P.R.China Postal code: 528311

Tel: +86-757-22390820 Fax: +86-757-23270470

<http://global.midea.com.cn>

<http://www.midea.com>

Note: The data in this book may be changed without notice for further improvement on quality and performance.