



C o o l i n g a s v a s t a s c o m f o r t

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EMC – With Scroll Compressor

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DESCRIPTION

General features

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DESCRIPTION

General features

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EVW – wall – mounted

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Duct Split 50

DESCRIPTION

General features

EDI – Indoor unit

EDO – Outdoor unit

Centrifugal Fan 56

DESCRIPTION

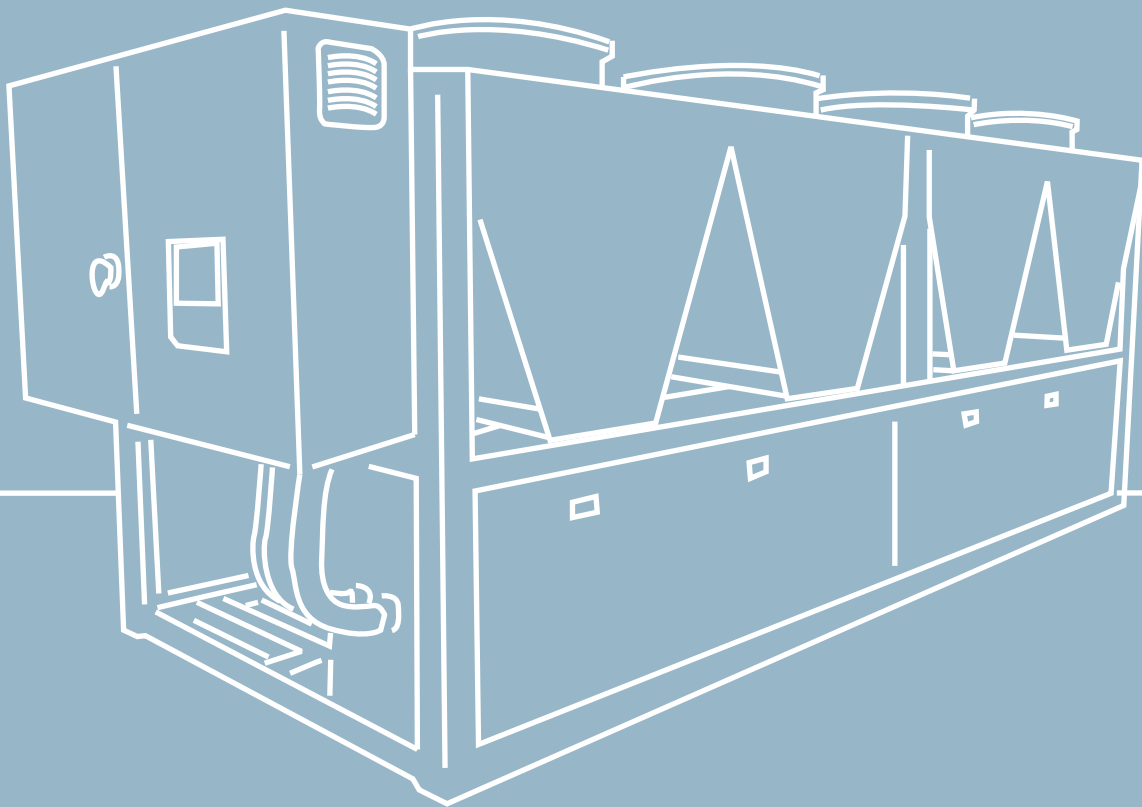
Dimensions

REM 0250/0400 - 400 V 50Hz, 2-poles

REM 0315/0630 - 400 V 50Hz, 4-poles

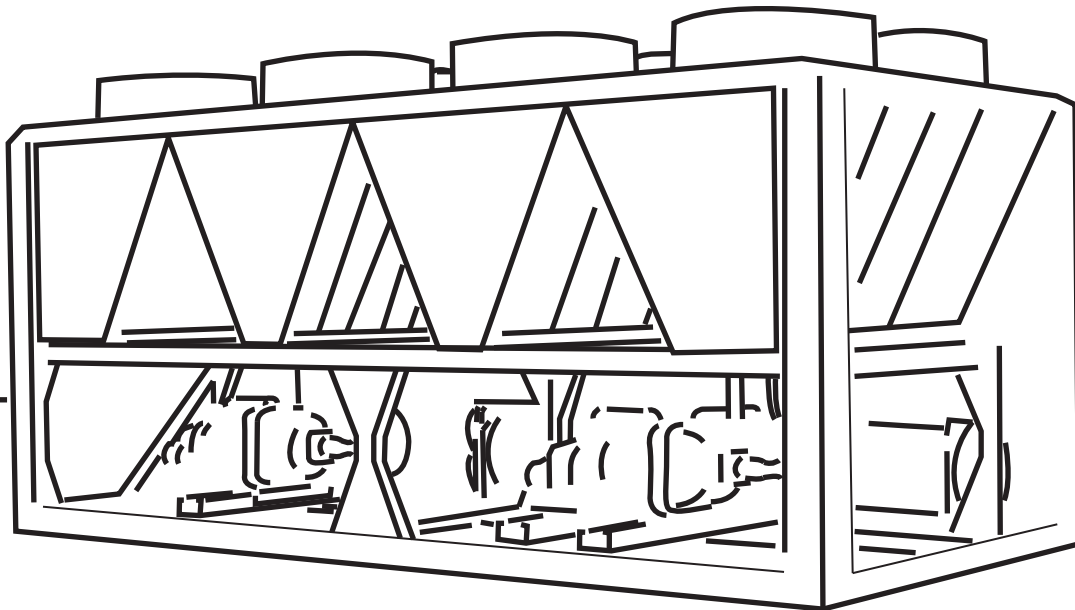
REM 0500/0800 - 400 V 50Hz, 6-poles

C o o l i n g a s v a s t a s c o m f o r t



Air Cooled Chiller

- High Energy Efficiency.
- Long Lifespan & Easy Maintenance.
- Wide Range of Refrigerant Options.
- Offered in Multiple capacity options.
- Effective and Consistent Cooling Performance.
- Lower Water Consumption Compared to Evaporative Systems.



C o o l i n g a s v a s t a s c o m f o r t

DESCRIPTION

Air Cooled Chiller:

- EMC +- Mini Chiller with Scroll Compressor.
- EMC + - With Scroll Compressor.
- EMS + - Semi-Hermetic with Screw Compressor.

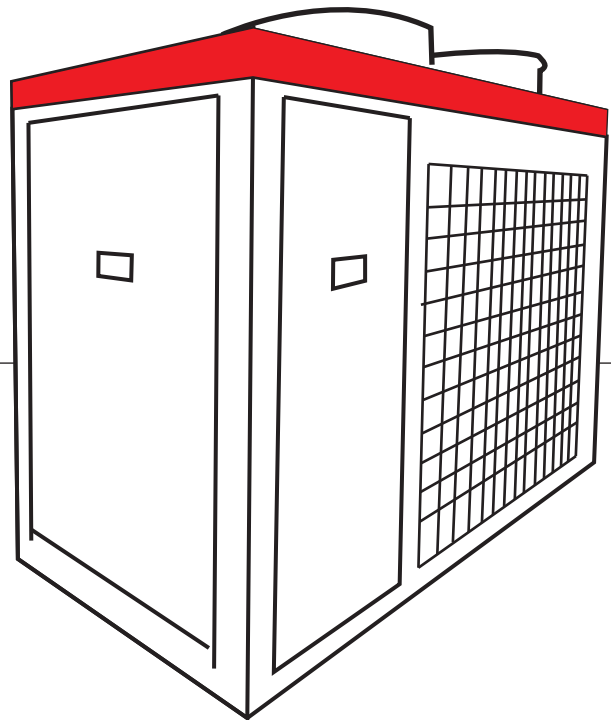
TYPE OF UNIT

Mini Chiller:

- Capacity range 10.4–40.6 kw
- Cooling capacity 3–11.6 RT.
- Circuits 1 & 2 Nr.
- Compressor type scroll.
- Compressor quantity number 1&2 Nr.
- Shell & tube or plate evaporator.
- Air flow rate 2900–10800 cfm.

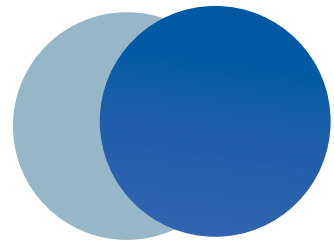
EMC

- Capacity range 54–252.2 kw.
- Cooling capacity 15.5–71.7RT.
- Circuits 1 & 4 Nr.
- Compressor type scroll.
- Compressor quantity number 1 & 4 Nr.
- Air Flow Rate 17000–60000 cfm.
- Shell & tube or plate evaporator.
- Maximum energy saving with PLC PID control.
- Condenser with a large surface area and high capacity axial fan.
- Electrical board includes emergency stop and overload protection.
- Polyester based electrostatically powder painted galvanized steel, which provides excellent UV and corrosion protection, is used for casing.
- Scroll compressors offer superior performance and are widely used in modern refrigeration systems. They replace reciprocating compressors and enable high-capacity chillers with multi-compressor assemblies (tandem or trio configurations).



EMS

- Capacity range 244.8–884.3 kw.
- Cooling capacity 69.6–251.4 RT.
- Circuits 2 Nr.
- Compressor type screw.
- Compressor quantity number 2 Nr.
- Shell & tube evaporator .
- Air Flow Rate 18000–150000 cfm.
- Maximum energy saving with PLC PID control & HMI.
- Condenser with a large surface area and high capacity axial fan.
- Electrical board includes emergency stop and overload protection.
- Polyester based electrostatically powder painted galvanized steel which provides excellent UV and corrosion protection, is used for casing.
- Screw compressors deliver high efficiency and reliability in all operating conditions. Equipped with separate radial and axial bearings, liquid injection, economizer connections, and temperature sensors, they ensure long-term durability and reliable performance under heavy-duty operations.



General features

System Security and Safety Devices

- Phase monitor.
- Low Ambient temperature lock-out.
- High and Low Pressure switches.
- Additional I/O relays.
- Compressor overload protection.
- Water pump overload protection.
- Compressor internal wiring heat protection.

Control Section

- Management of the compressor capacity.
- Display of evaporator entering/leaving water temperature.
- Display of capacity level of the Chiller.
- Display of condensing–evaporating temperature and pressure, suction and discharge superheat for each circuit
- Display alarms and actual water temperature history.
- Leaving water evaporator temperature regulation.
- Display of Status Safety Devices.
- Optimized management of compressor load.
- Re–start in case of power failure (automatic / manual).
- Capability to connect to Building Management System (BMS) and provision of an Ethernet port for local or remote monitoring and control via web browsers through a local network or the Internet (optional).

Scroll Compressor

Scroll compressors represent the leading–edge compression technology, having largely supplanted reciprocating compressors due to their superior energy efficiency, reduced mechanical complexity, lower noise levels, and enhanced reliability. Our high–capacity chillers incorporate multiple scroll compressor configurations—such as tandem and trio arrangements—each fully tested and performance–optimized, to ensure precise capacity modulation, operational redundancy, and improved part–load efficiency under varying load conditions.

Screw Compressor

All screw compressors used are engineered for high efficiency and exceptional reliability across a wide range of operating conditions. They are equipped with independent radial and axial bearings for enhanced mechanical stability, along with liquid injection ports and economizer connections to optimize performance and capacity. Integrated PTC thermistors monitor motor temperature, while discharge temperature sensors ensure thermal protection. Additional features include a motor protection module, oil level switch, oil differential pressure switch connector, and various other critical accessories. These compressors deliver superior durability, extended bearing life, and consistent performance even under demanding and continuous heavy-duty operations.

Shell & Tube Evaporator

Evaporators are available in both shell-and-tube and plate types across all capacities. Shell-and-tube heat exchangers are used in screw chillers, while plate heat exchangers are applied in scroll chillers—both options can be customized or interchanged based on customer requirements. The shell is made of carbon steel, with copper tubes and 5 mm thick Teflon baffles. The refrigerant inlet and outlet pipes are connected to the end plate using a flange and brass nipple. The entire unit is insulated with 19 mm thick elastomeric insulation covered by a UV-resistant aluminum foil. All evaporators are custom-engineered to match the actual capacity and specific needs of each project.

Electronic Expansion Valve

Service valves at the compressor inlet and outlet, high and low-pressure switches, high and low-pressure transducers with real-time pressure display on the chiller control board, sight glass, filter drier, and electronic expansion valve are key control and protection components of the system.

Condenser Fan

High-performance, direct-drive axial fans with aerodynamic impellers are mounted on external rotor motors and constructed from durable materials such as aluminum alloy or fiberglass-reinforced plastic. Each V-type condenser block is equipped with two fans optimized for airflow and minimal pressure drop. The fans are supplied by reputable manufacturers, feature galvanized steel protective covers, and come with motors rated at insulation class B or F and protection class IP54. For enhanced energy efficiency and noise reduction, fans can be equipped with variable speed drive systems or EC (Electronically Commutated) motors. Integrated thermal protection is provided with each motor.

Candenser

These coils are constructed using copper tubes and aluminum micro-fin fins, engineered based on Turbo-Fin technology to enhance heat transfer efficiency, equipped with a subcooler to improve overall performance, capable of operating reliably in high ambient temperatures, and custom-designed to match the actual capacity and specific requirements of each project.

Power and Control System

The internal electrical panel features an IP54 protection class and is equipped with all necessary protective components. It includes an electronic control board for precise parameter management, electronic expansion valve regulation, and superheat temperature monitoring and control. A built-in touchscreen display shows water inlet and outlet temperatures, fault codes, and allows on/off control of the chiller from within the unit. The panel also supports Modbus protocol for seamless integration with Building Management Systems (BMS).

Chiller Structure

The unit frame is constructed from galvanized steel sheets with thickness optimized based on the unit's weight and capacity. Structural columns and access panels are made from hot-dip galvanized steel and coated with electrostatic powder paint for enhanced durability. The entire casing is sealed with insulating foam to improve condenser performance, prevent water ingress, and minimize vibration-induced noise. All body components are assembled using bolts and nuts to ensure mechanical stability and ease of maintenance.

Capacity Range (RT)	100	150	250	350	550	650
Mini chiller	3~12					
Scroll Chiller	15~120					
Screw Chiller						

MODEL	Unit	Air cooled mini chiller								
		EMC10	EMC13	EMC15	EMC17	EMC20	EMC25	EMC30	EMC35	EMC40
Cooling Capacity	RT	3	3.6	4.4	5	5.8	7.2	8.8	10	11.6
	kW	10.4	12.6	15.4	17.4	20.3	25.2	30.8	34.8	40.6
Total Input Power	kW	3.6	4.3	5.1	5.7	6.5	8.36	10.6	11.6	13.2
Total Input Current	A	6.75	8.5	9.3	11.3	12.6	16.5	19.9	23.3	26
Power Supply	V-Ph-Hz	380V-3ph-50Hz								
EER	w/w	2.89	2.93	3.02	3	3.1	3	2.9	3	3
Water flow rate	GPM	7.8	9.5	11.7	13.2	15.4	19	23.3	26.3	30.7
Refrigerant	Type	R407C/R410A								
Circuits	Nr	1,2								
Evaporator	Type	Shell&Tube-plate								
Evaporator Quantity	Nr	1								
PressureDrop(WaterSide)	kPa	21	21	21	21	25	26	43	39	32
Compressor Type	...	Scroll								
Compressor Quantity	Nr	1	1	1	1	1	2	2	2	2
Fan Type	Type	Axial								
Fan Quantity	Nr	1	2	2	2	2	2	2	2	2
Air Flow Rate	CFM	2900	4700	4800	5800	5800	9500	1000	10800	10800
Sound Power Level	dB(A)	70	70	70	73	73	73	76	76	79
Sound pressure Level	dB(A)	37	38	41	43	43	50	52	53	54
Inlet Water Connection	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1/1-2"	1/1-2"	1/1-2"
Outlet Water Connection	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1/1-2"	1/1-2"	1/1-2"
Net Weight	kg	280	370	390	410	430	480	510	560	590
Dimensions (L×W×H)	cm	95x40x90	113x45x130	160x75x120	160x75x120	160x75x130	180x80x150	180x80x150	180x80x150	180x80x150

The technical data is calculated as follows:

.Entering air temperature of 35°CdB
 .Temperature water inlet 12°C
 .Temperature of processed water 7°C

MODEL	Unit	Air cooled chiller						
		EMC54	EMC70	EMC105	EMC140	EMC175	EMC215	EMC260
Cooling Capacity	RT	15.5	19.5	32.6	42.7	47.7	59.02	71.7
	kW	54.5	68.5	114.8	150.2	167.9	207.6	252.2
Total Input Power	kW	18.1	22.3	35.4	47.6	51.9	69.6	80.9
Total Input Current	A	34.3	42	59	77	86	103	139.9
Power Supply	V-Ph-Hz	380V-3ph-50Hz						
EER	w/w	3.01	3.07	3.24	3.16	3.24	2.98	3.12
Water Flow Rate	GPM	41	52	87	114	127	157	191
Refrigerant	Type	R407C/R410A						
Circuits	Nr	1,4						
Evaporator	Type	Shell&Tube-plate as request						
Evaporator Quantity	Nr	1						
PressureDrop(WaterSide)	kPa	47	47	47	48	48	48	48
Compressor Type	...	Scroll						
Compressor Quantity	Nr	1	1	2	4	2	4	4
Fan Type	Type	Axial						
Fan Quantity	Nr	2	2	2	4	4	4	6
Air Flow Rate	CFM	17000	18000	18000	40000	40000	50000	60000
Sound Power Level	dB(A)	81	83	85	87	88	88	88
Sound pressure Level	dB(A)	65	65	67	67	68	68	68
Inlet Water Connection	inch	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	4"
Outlet Water Connection	inch	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	4"
Net Weight	kg	1500	1500	1500	1500	2700	2700	3660
Dimensions (L×W×H)	cm	210x120x190	210x120x190	240x110x190	240x220x190	280x220x190	320x220x250	390x220x250

The technical data is calculated as follows:

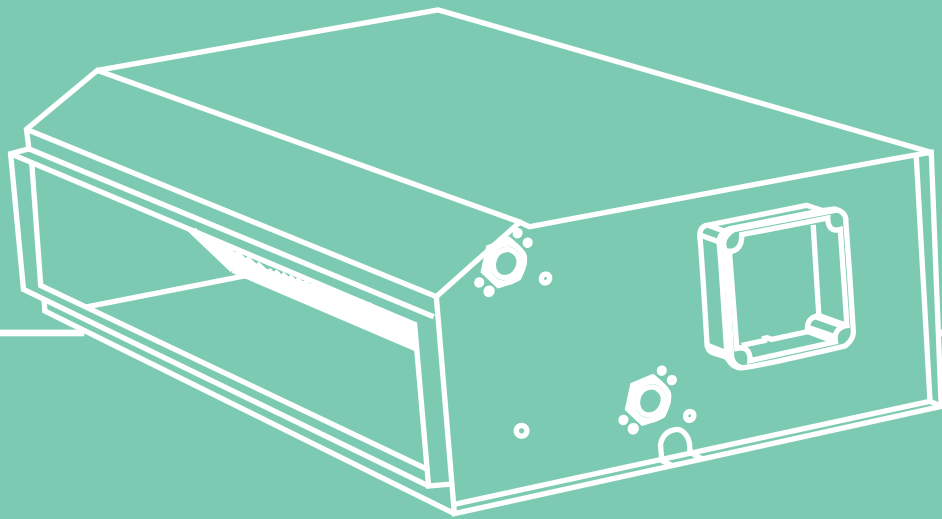
.Entering air temperature of 35°CdB
 .Temperature water inlet 12°C
 .Temperature of processed water 7°C

MODEL	Unit	Air cooled chiller						
		EMS245	EMS280	EMS315	EMS332	EMS420	EMS770	EMS875
Cooling Capacity	RT	69.6	79.2	89.7	94.6	118	220	251.4
	kW	244.8	278.5	315.6	332.6	415.2	774	884.3
Total Input Power	kW	82.7	94.2	99	113.5	133.7	263.2	281.2
Total Input Current	A	157	170	175	207	223	499.9	459
Power Supply	V-Ph-Hz	380V-3ph-50Hz						
EER	w/w	2.96	2.96	3.19	2.93	3.11	2.94	3.15
Water Flow Rate	GPM	184	210	238	250	314	580	670
Refrigerant	Type	R134a						
Circuits	Nr	2						
Evaporator	Type	Shell&Tube						
Evaporator Quantity	Nr	1	1	1	1	1	1	1
PressureDrop(WaterSide)	kPa	44	44	44	44	44	44	44
Compressor Type	...	Screw						
Compressor Quantity	Nr	2	2	2	2	2	2	2
Fan Type	Type	Axial						
Fan Quantity	Nr	6	6	6	6	8	14	16
Air Flow Rate	CFM	18000	65000	65000	65000	85000	145000	150000
Sound Power Level	dB(A)	96.3	96.3	96.3	96.3	96.3	99.1	99.1
Sound pressure Level	dB(A)	74	68	68	68	72	74	76
Inlet Water Connection	inch	4"	4"	4"	4"	5"	6"	8"
Outlet Water Connection	inch	4"	4"	4"	4"	5"	6"	8"
Net Weight	kg	3660	3660	4360	4360	5400	6730	8647
Dimensions (L×W×H)	cm	390x220x250	390x220x250	390x220x250	390x220x250	560x220x250	840x220x250	960x220x250

The technical data is calculated as follows:

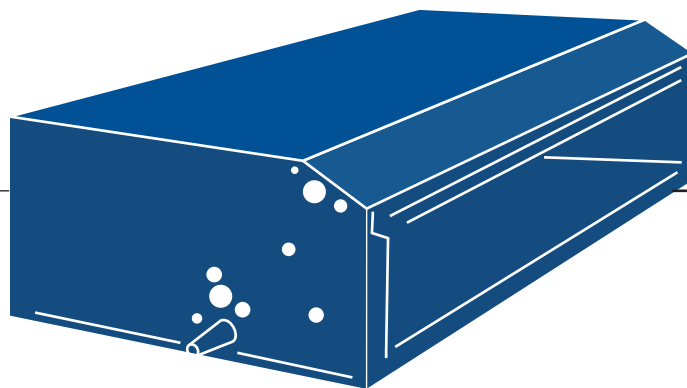
.Entering air temperature of 35°CdB
 .Temperature water inlet 12°C
 .Temperature of processed water 7°C

C o o l i n g a s v a s t a s c o m f o r t



Fancoil

- Cost-effective operation and best efficiency.
- Wide capacity options with two or four pipes.
- Compact and low height for flexible installation possibilities.



DESCRIPTION

Fan coil:

- EFC + – Horizontal concealed 2 Pipe.
- EFC + – Horizontal concealed 4 Pipe.
- EDF + – Horizontal ducted 2 Pipe.
- EDF + – Horizontal ducted 4 Pipe.

TYPE OF INDOR UNIT

EFC

Concealed Fan coil unit:

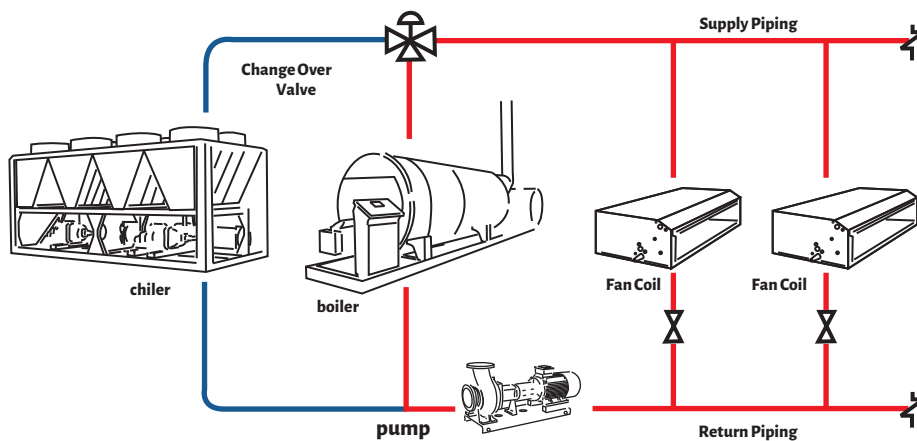
EFC + – Horizontal concealed 2 Pipe:

- Capacity range 2.6–7.1 kw.
- Airflow capacity 300–900 cfm.
- External static pressure 25–35 Pa.
- Lower initial construction costs.
- Cost-effective operation.
- Simplified piping infrastructure.
- Automatic operation based on room thermostat commands.
- Using the same cooling coil (in 2-pipe systems).
- Uses automatic control valves for precise water flow regulation to the coil.
- Easy installation in small assembly spaces, thanks to the limited dimensions.

EFC + – Horizontal Concealed 4 Pipe:

- Capacity range 2.6–7.1 kw.
- Heating capacity second coil (1 Row) 8.8 – 22.6 kw.
- Heating capacity second coil (2 Row) 10.7 – 27.9.
- Airflow capacity 300–1000 cfm.
- External static pressure 25–35 Pa.
- Simultaneous heating & cooling operation.
- Independent temperature control per Unit.
- Higher energy efficiency in large buildings.
- Greater system design flexibility.
- Optimal year-round performance.

2-PIPE SYSTEM: HEATING



EDF

Ducted Fan coil unit:

EDF + – Horizontal Ducted 2 Pipe:

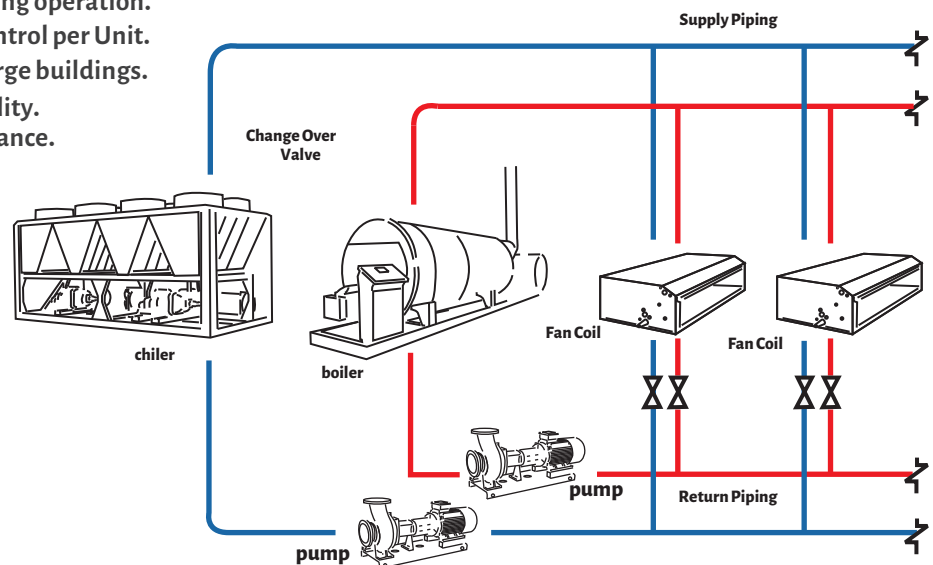
- Capacity range 7.3–18.7 kw.
- Airflow Capacity 800–2200 cfm.
- External static pressure 86–105 Pa.
- Lower initial construction costs.
- Cost-effective operation.
- Simplified piping infrastructure.
- Automatic operation based on room thermostat commands.
- Using the same cooling coil (in 2-pipe systems).
- Uses automatic control valves for precise water, flow regulation to the coil.
- Easy installation in small assembly spaces, thanks to the limited dimensions.



EDF + – Horizontal Ducted 4 Pipe

- Capacity range 7.3–18.7 kW
- Heating capacity second Coil (1 Row) 7 – 17.6 kw.
- Heating capacity second Coil (2 Row) 11– 27.8 kw.
- Airflow capacity 800–2200 cfm.
- External static pressure 86–105 Pa.
- Simultaneous heating & cooling operation.
- Independent temperature control per Unit.
- Higher energy efficiency in large buildings.
- Greater system design flexibility.
- Optimal year-round performance.

4-PIPE SYSTEM

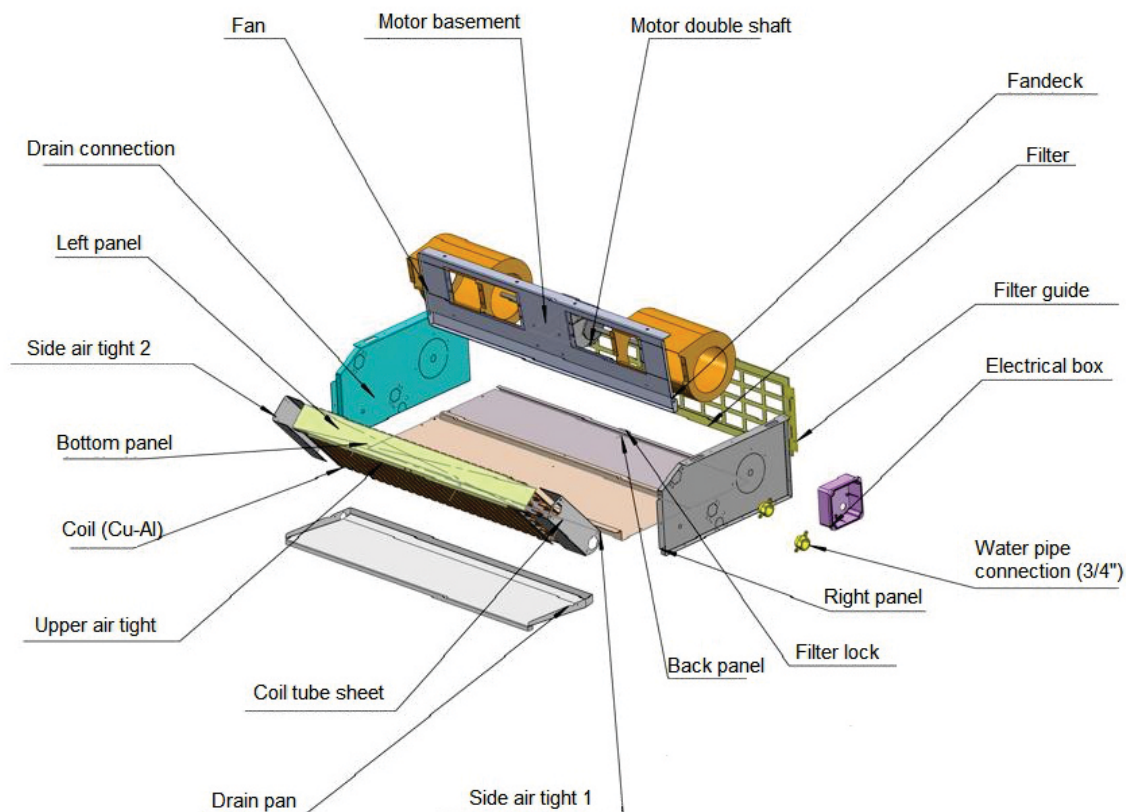
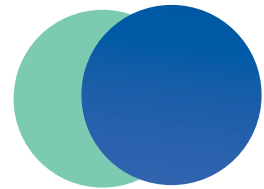


General features

- Exon high-efficiency fan coils with modern and optimized design.
- Ability to connect fresh air duct.
- Using coils made of copper pipe with appropriate thickness for working pressures of 10 and 16 bar and covered with aluminum sinusoidal corrugated fins to increase efficiency and heat exchange – Possibility of providing fins with epoxy coating.
- Has a washable and antifungal G3 filter – Possibility of supplying G4 fiber filters.
- Possibility of air return from the back or bottom of the device.
- Ability to move the pipe connection location from the left to the right side of the machine on site.
- Suitable for various types of apartment and office spaces, etc.
- Heavy-duty galvanized steel for superior durability.
- Extended coverage to effectively capture condensation from valves and piping assemblies.
- Custom-formulated closed-cell foam insulation prevents external condensation formation.

PARTS OF A FAN COIL

• Ceiling Mounted



MODEL		Unit	Concealed fancoil units(2-Pipe)					
			EFC300	EFC400	EFC500	EFC600	EFC800	EFC1000
Air Flow Volume	M3/h		510	680	850	1020	1360	1700
	CFM		300	400	500	600	770	900
External Static Pressure	Pa		25	30	30	30	33	35
Cooling Capacity	Kw		2.6	3.5	4.1	5.1	6.5	7.1
Heating Capacity	Kw		5.8	7.5	8.8	10.6	13.2	15.1
Rows Of Coil	Nr		2	2	2	2	2	2
Water Flow Volume	GPM		1.8	2.4	2.8	3.3	4.5	5.4
Water Pressure Drop	M.water		1.5	2.2	2.3	2.4	3.7	5.1
Fan Type	Type		Forward multi vane low noise centrifugal fan					
Fan Quantity	Nr		2	2	2	2	3	3
Power Supply	V-Ph-Hz		220V-1Ph-50Hz					
Total System Power Input	kw		0.5	0.6	0.8	0.9	1.3	1.5
Air Filter Type	Type		Anti-dust washable air filter					
Sound Pressure Level	High	dB(A)	42	44	48	49	52	53
	Medium		39	40	44	44	46	46
	Low		36	38	40	40	42	42
Net Weight	kg		19	23	25	27	39	41
Dimensions(L×W×H)	mm		806×445×219	906×445×219	906×445×219	1006×455×234	1249×455×234	1249×455×234
Pipe Connection Size	Inlet	inch	3/4	3/4	3/4	3/4	3/4	3/4
	Outlet	inch	3/4	3/4	3/4	3/4	3/4	3/4
	Drain	mm	16	16	16	16	16	16
Accessory			Remote controller&wired controller					

1-Sound pressure measured at a distance of 1,5 m from the source.

2-Cooling capacities are based on entering chilled water temperature of 44 °F and entering air temperature of 80.6°FDB/ 66.2°F WB.

3-Heating capacities are based on entering hot water temperature of 167°F and entering air temperature of 72°F DB at fan high speed

MODEL		Unit	Concealed fancoil units(4-Pipe)					
			EFC300	EFC400	EFC500	EFC600	EFC800	EFC1000
Air Flow Volume	M3/h		510	680	850	1020	1360	1700
	CFM		300	400	500	600	800	1000
External Static Pressure	Pa		25	30	30	30	33	35
Cooling Capacity	Kw		2.6	3.5	4.1	5.1	6.5	7.1
Heating Capacity	Second Coil (1row)	Kw	8.8	11.4	13.3	15.8	19.6	22.6
	Second Coil (2row)	Kw	10.7	13.8	16.2	19.2	24	27.9
Rows Of main Coil	Nr		3					
Rows Of second Coil	Nr		1-2					
Water Flow Volume	GPM		1.8	2.4	2.8	3.3	4.5	5.4
Water Pressure Drop	M.water		1.5	2.2	2.3	2.4	3.7	5.1
Fan Type	Type		Forward multi vane low noise centrifugal fan					
Fan Quantity	Nr		2	2	2	2	3	3
Power Supply	V-Ph-Hz		220V-1Ph-50Hz					
Total System Power Input	kw		0.5	0.6	0.8	0.9	1.3	1.5
Air Filter Type	Type		Anti-dust washable air filter					
Sound Pressure Level	High	dB(A)	42	44	48	49	52	53
	Medium		39	40	44	44	46	46
	Low		36	38	40	40	42	42
Net Weight	kg		22	26	28	30	43	45
Dimensions(LxWxH)	mm		806×445×219	906×445×219	906×445×219	1006×455×234	1249×455×234	1249×455×234
Pipe Connection Size	Inlet	inch	3/4	3/4	3/4	3/4	3/4	3/4
	Outlet	inch	3/4	3/4	3/4	3/4	3/4	3/4
	Drain	mm	16	16	16	16	16	16
Accessory			Remote controller&wired controller					

1-Sound pressure measured at a distance of 1,5 m from the source.

2-Cooling capacities are based on entering chilled water temperature of 44 °F and entering air temperature of 80.6°FDB/66.2°F WB.

3-Heating capacities are based on entering hot water temperature of 167°F and entering air temperature of 72°F DB at fan high speed

MODEL		Unit	Ducted fancoil units(2-Pipe)					
			EDF800	EDF1000	EDF1200	EDF1500	EDF1800	EDF2200
Air Flow Volume	M3/h		1360	1700	2040	2550	3060	3655
	CFM		800	1000	1200	1500	1800	2150
External Static Pressure	Pa		86	90	90	95	95	105
Cooling Capacity	Kw		7.3	9.5	10.6	13.3	16.6	18.7
Heating Capacity	Kw		14.7	19	22.6	27.5	33	38.5
Rows Of Coil	Nr		2	2	2	2	2	2
Water Flow Volume	GPM		5	6.5	7.2	9	10.9	12.5
Water Pressure Drop	M.water		2.7	3.5	2.1	3.6	3.8	4.5
Fan Type	Type		Forward multi vane low noise centrifugal fan					
Fan Quantity	Nr		2	2	2	2	2	2
Power Supply	V-Ph-Hz		220V-1Ph-50Hz					
Total System Power Input	kw		0.2	0.3	0.4	0.5	0.5	0.7
Air Filter Type	Type		Anti-dust washable air filter					
Sound Pressure Level	High	dB(A)	51	51	53	55	57	58
	Medium		48	48	49	51	52	53
	Low		44	44	46	47	48	48
Net Weight	kg		38	42	46	52	56	61
Dimensions(LxWxH)	mm		1050×560×327	1050×560×327	1100×560×327	1350×600×327	1350×600×380	1450×600×380
Pipe Connection Size	Inlet	inch	3/4	3/4	3/4	1	1	1
	Outlet	inch	3/4	3/4	3/4	1	1	1
	Drain	mm	19	19	19	19	19	19
Accessory			Remote controller&wired controller					

1-Sound pressure measured at a distance of 1,5 m from the source.

2-Cooling capacities are based on entering chilled water temperature of 44 °F and entering air temperature of 80.6°FDB/ 66.2°F WB.

3-Heating capacities are based on entering hot water temperature of 167°F and entering air temperature of 72°F DB at fan high speed

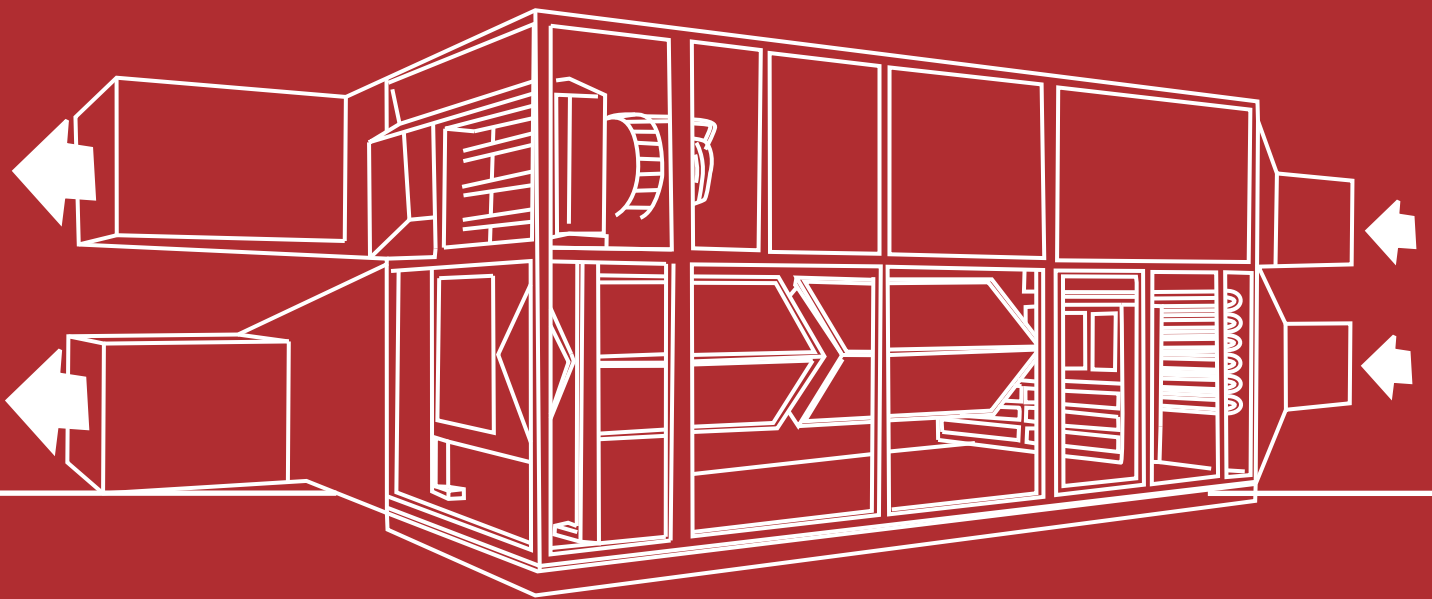
MODEL		Unit	Ducted fancoil units(4-Pipe)					
			EDF800	EDF1000	EDF1200	EDF1500	EDF1800	EDF2200
Air Flow Volume	M3/h		1360	1700	2040	2550	3060	3655
	CFM		800	1000	1200	1500	1800	2100
External Static Pressure	Pa		86	90	90	95	95	105
Cooling Capacity	Kw		7.3	9.5	10.6	13.3	16.6	18.7
Heating Capacity	Second Coil (1row)	Kw	7	8.2	9.7	12.1	14.6	17.6
	Second Coil (2row)	Kw	11	13.2	15.5	19.8	23.5	27.8
Rows Of main Coil		Nr	3					
Rows Of second Coil		Nr	1-2					
Water Flow Volume	GPM		4.5	4.5	5.5	6.5	8	9.5
Water Pressure Drop	M.water		2.7	3.5	2.1	3.6	3.8	4.5
Fan Type	Type		Forward multi vane low noise centrifugal fan					
Fan Quantity	Nr		2	2	2	2	2	2
Power Supply	V-Ph-Hz		220V-1Ph-50Hz					
Total System Power Input	kw		0.2	0.3	0.4	0.5	0.5	0.7
Air Filter Type	Type		Anti-dust washable air filter					
Sound Pressure Level	High	dB(A)	51	51	53	55	57	58
	Medium		48	48	49	51	52	53
	Low		44	44	46	47	48	48
Net Weight	kg		38	42	46	52	56	61
Dimensions(LxWxH)	mm		1050×560×327	1050×560×327	1100×560×327	1350×600×327	1350×600×380	1450×600×380
Pipe Connection Size	Inlet	inch	3/4	3/4	3/4	1	1	1
	Outlet	inch	3/4	3/4	3/4	1	1	1
	Drain	mm	19	19	19	19	19	19
Accessory			Remote controller&wired controller					

1-Sound pressure measured at a distance of 1,5 m from the source.

2-Cooling capacities are based on entering chilled water temperature of 44 °F and entering air temperature of 80.6°FDB/ 66.2°F WB.

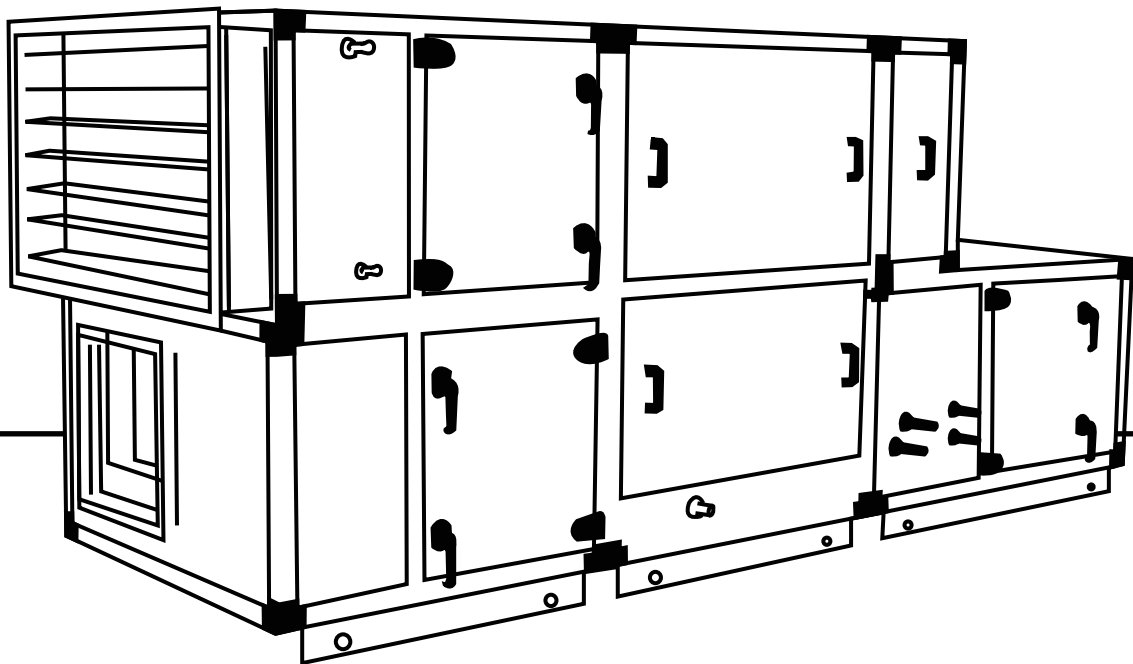
3-Heating capacities are based on entering hot water temperature of 167°F and entering air temperature of 72°F DB at fan high speed

C o o l i n g a s v a s t a s c o m f o r t



Air Handling Unit(AHU)

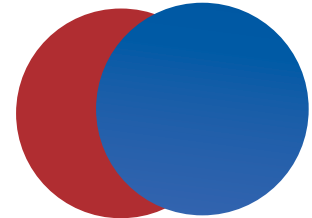
- Low Noise.
- High Quality.
- Super Silence.
- High Efficiency.
- Compact Dimensions.



DESCRIPTION

Air Handling Unit:

- AHU – From 2000 to 50000 cfm.
- Heat recovery section.
- Multi section and double.
- Easy to install, use and maintain.
- Available in Several type and model.



General features

Control Section

Supporting frame made of special aluminum profiles, connected with aluminum corners. Construction side are closed with thermo and acoustic insulated panels. In structure (UU universal section) are necessary elements for air treatment.

Side panels

Panels made of galvanized sheet steel with powder coating at their external side (RAL7035) and heat and acoustic insulated middle layer.

BU – Fan section

The section consists of centrifugal fan with forward or backward curved impeller. The type of fan is selected depending to the specific requirements, according to the air flow and resistance of the installation:

BDB – Belt-driven double inlet centrifugal fan with backward curved impeller, standard version (section 03.07) CBP – Belt-driven double inlet centrifugal fan with forward curved impeller (section 03.08) only for models AHU06, AHU09, AHU12

TU – Thermal section

Include heating and/or cooling section (heat exchanger), drop separator and drain tray.

AFU – Air filter section

Air filter section contains one or two consequently mounted air filters with different efficiency from lower to higher class from G2 to F9, according BDS EN 779 (section 02.03). For rough dust several air filter cassettes type AFC-V (class G3) or AFC-Z (class G4) are mounted together. The cassettes slide into the section through glides (rails) and are fixed with profiles and bolt connection. For fine purification filter wall made of several bad filters type AFC-B (class F6–F8). The cassettes are fixed to the filter wall through reamers. Air filter cassettes are disposable; they are consumables for the air handling units. In more specific the section could be completed with other type air filters: reusable metal filters, carbon or absolute filters, class H10–H13.

CMU–Mixing section

Build of one or two universal sections, horizontally or vertically adjoined. Equipped with three dampers (PR) –multiple leaf damper, section 02.09):

Outlet (exhaust air)

Inlet (fresh air)

Mixing –mounted between both streams

RU–REC / RU–ROT Recuperative (heat recovery) section

Recuperative heat exchanger “Air–air” incorporated in double deck construction:

RU–REC with plate heat exchanger type REC–AL, efficiency 50–61% (section 02.07).

RU–ROT with rotary regenerative heat exchanger type RRU, efficiency 67–80%.

Options and additional features

In air handling units could be incorporated also:

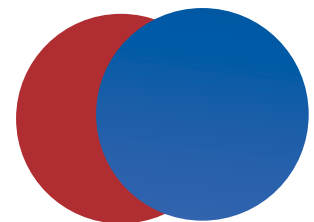
- Fans with 2-speed motors.
- Fans with direct-drive motors and inverter.
- Heating section with working fluid – steam.
- Steam humidifier.

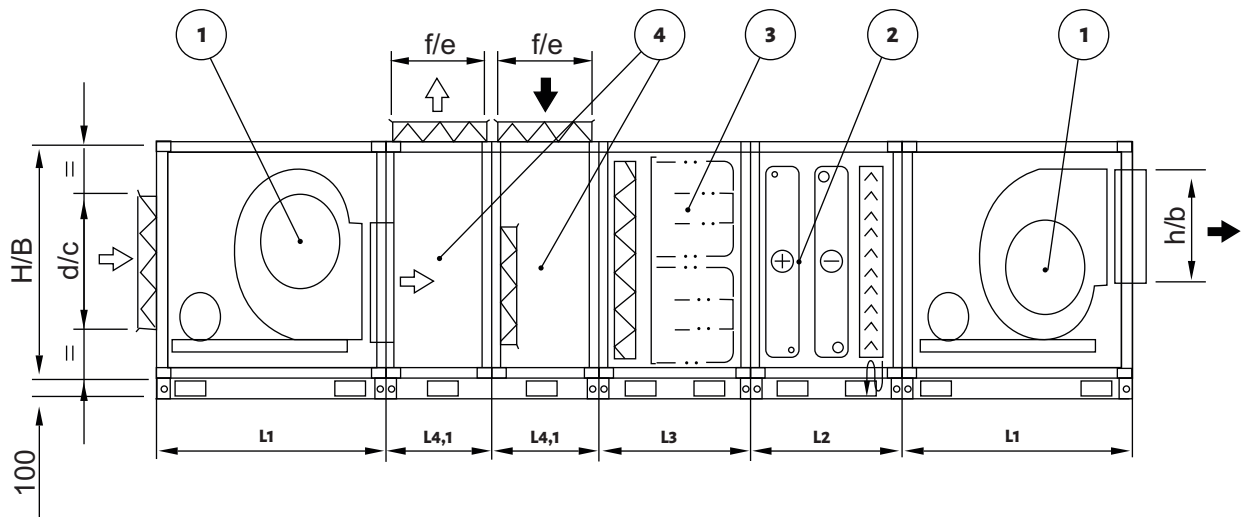
For outdoor installation:

- Sections with increased insulation thickness (50mm) for outdoor installation (AHU 06– AHU20).
- Additional roof covers to lead the rain water.
- Protection guard for direct discharge with net or NJR.
- Precast unit made of hot galvanized profile tube and adjustable in height.
- Steps (feet) for installation on surface with inclination up to 5%.

Management, control and automation:

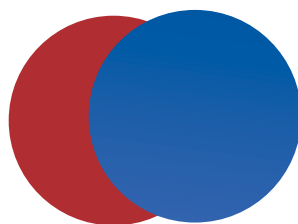
- Anti-frost protection of water sections.
- Torn belt signalization.
- Dirty filter signalization.
- Electric motor (actuator) for control valves (PJR, PJR-BP).
- 3-way valves with actuator for heating and cooling sections.
- Automatic defrost of recuperative heat exchanger (REC) and possibility of working in “free cooling” mode”
- Speed control of the rotary regenerative heat exchanger
- Air temperature and/or humidity remote tracking
- Electric motor (actuator) for control valves (PJR, PJR-BP).
- Electric board for control and automation





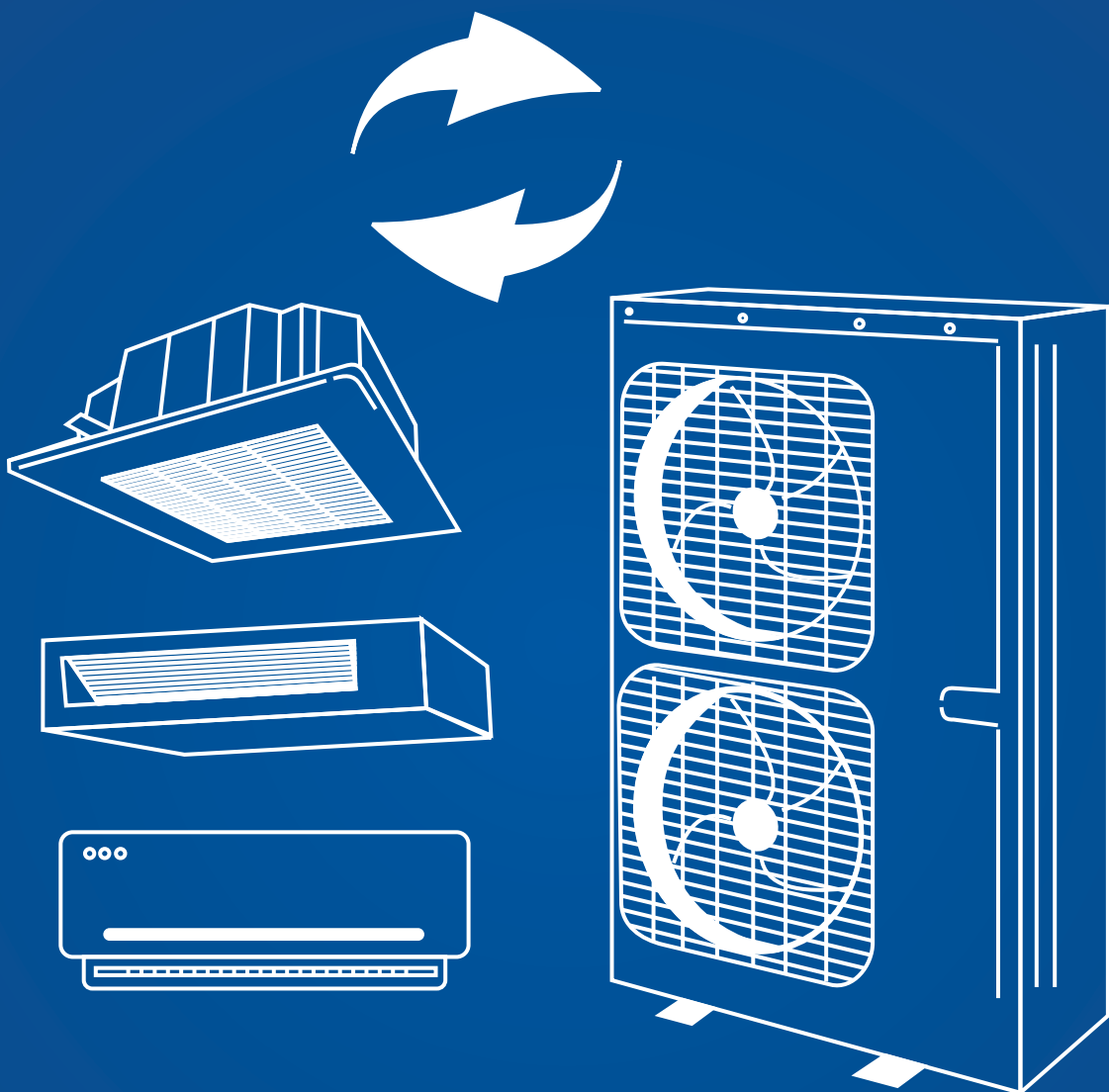
- ➊ BU – Fan section
- ➋ TU – Thermal section
- ➌ AFU – Air filter section with two-stage cleaning
- ➍ CMU – Mixing section

MODEL	Unit	Air handling unit								
		AHU 06	AHU 09	AHU 12	AHU 16	AHU 20	AHU 24	AHU 30H	AHU 36H	AHU 45H
AirFlow	M3/h	3000-6500	5000 - 9500	6800-12500	9000-16500	11000-21000	14000-25000	17000-31000	20000-37000	23000-48000
B	mm	1350	1600	1850	2100	2360	2360	2360	2360	2360
H	mm	950	1050	1150	1250	1350	1500	1700	1900	2300
L1	mm	1300	1400	1500	1500	1700	1800	1900	2100	2400
L2	mm	800	800	1000	1000	1000	1000	1200	1200	1200
L3	mm	1000	1000	1000	1000	1000	1200	1200	1200	1200
L4.1	mm	600	600	600	700	800	800	1000	1000	1000
b=h	mm	450	500	570	640	720	800	900	1000	1300
c	mm	800	1000	1200	1200	1400	1600	1600	1600	1800
d	mm	400	500	500	700	800	800	1000	1200	1200
e	mm	800	900	1200	1300	1400	1600	2000	2000	2200
f	mm	300	400	400	500	600	600	600	700	800



Variable Refrigerant Flow(VRF)

- Wide choice for installation with two or three pipes.
- Cost-effective and best efficiency.
- Different indoor units available.



DESCRIPTION

indoor units:

- EVDO+ – Horizontal duct.
- EVDO+H – Horizontal duct, high head.
- EVW+ – wall – mounted.
- EVCH – 4 – way cassette.

TYPE OF INDOR UNIT

EVDO+

Duct indoor unit :

EVDO+ – Horizontal duct.

- Capacity range 1.8–14 kW.
 - Multiple protection: anti – freezing protection, temperature sensor faulted protection and other multiple guarantees.
 - Low noise levels.
 - Easy installation in small assembly spaces, thanks to the limited dimensions.
 - External static pressure can up to 80 Pa.
-

EVDO+H

Duct indoor unit :

EVDO+H – Horizontal duct, high head.

- Wired panel standard supply.
 - Unit without cover, designed for duct type horizontal installation.
 - Optional PM2.5 electrostatic fiber filter.
 - 9 – stage static pressure for adjustment, convenient for engineering application.
 - External static pressure can up to 250 Pa.
-

EVW+

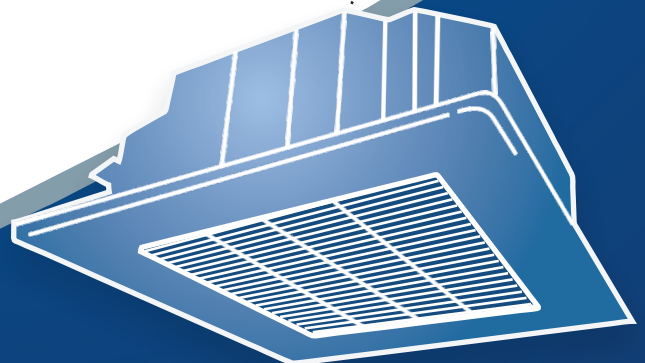
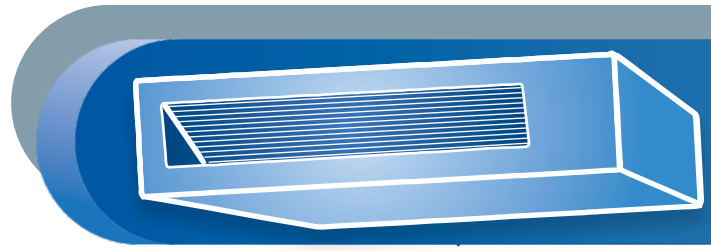
Wall indoor unit :

- High – efficiency and energy – saving DC motor.
 - Anti – freeze function that allows a minimum temperature of 8°C to be maintained in the environment during the winter period.
 - Wall – mounted installation, beautiful panel, uniform air flow and up&down 2 – way air supply.
-

EVCH

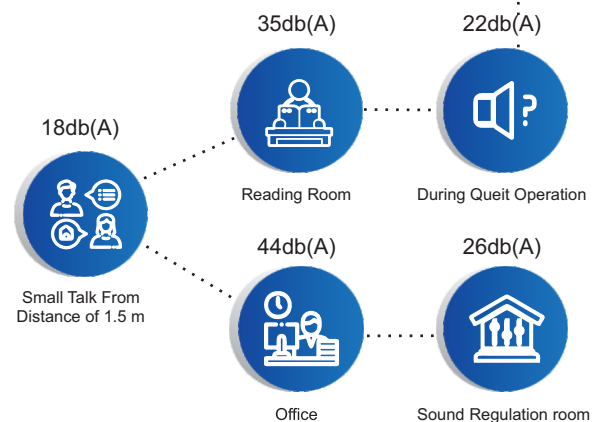
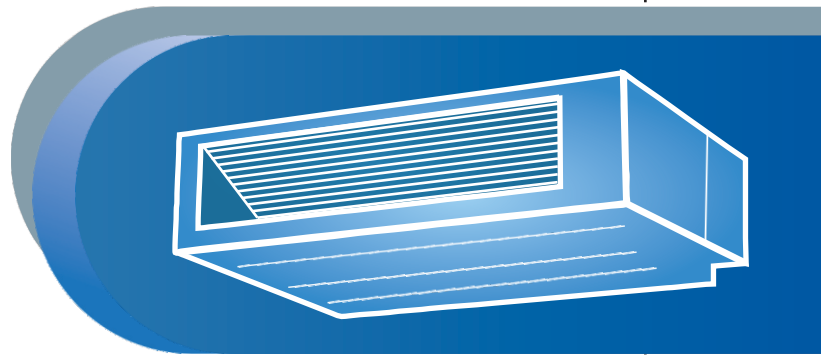
4 – way cassette indoor unit:

- 360 ° air supply.
- Smart technology.
- Guarantees even air distribution, for optimum comfort.



General features

- Operating mode: cooling, heating, dehumidification, automatic and fan only.
- Total capacity connected to the outdoor units between 50% and 135% of the rated capacity of the selected configuration.
- Indoor unit fitted standard with an electronic expansion valve.
- WRC wired panel standard supply with each indoor unit.
- Heat exchanger of indoor unit adopts V-shape design for even and smooth air flow to create a quiet and comfortable environment.
- Without additional accessories, operation mode of the whole unit can be set through the outdoor unit to achieve centralized management and reduce energy waste.
- Particularly quiet operation.
- Microprocessor control.
- Auto-restart function.
- Self-diagnosis function.
- Easy installation and maintenance.
- Wired panel standard supply with each indoor unit.
- Particularly quiet operation.
- Centrifugal fans with 5-speed brushless DC motor.
- Units fitted with an electronic expansion valve as standard.
- Filters with G4 efficiency level on inlet and outlet air.
- Alarm signal for filter cleaning.
- Timer for programming unit switch-on and switch-off.
- Incorporated electrical panel with electronic card to control the ventilation and free cooling functions.
- The indoor unit of EVDO+ adopts DC motor design to realize stepless adjustment of revolving speed for lower noise operation. Auto quiet mode of indoor unit can be set via the wired controller and the unit will activate auto quiet function according to indoor temperature and the activity of occupants. Noise is as low as 22dB(A).



EVDO

MODEL		UNIT	Indoor unit(Medium)					
			EVDO+18	EVDO+22	EVDO+25	EVDO+28	EVDO+32	EVDO+36
Air Flow Volume		M ³ /h	470	470	470	470	550	550
		CFM	276	276	276	276	323	323
External Static Pressure	Default	Pa	15	15	15	15	15	15
	Max	Pa	30	30	30	30	30	30
Cooling Capacity	Total	KW	1.8	2.2	2.5	2.8	3.2	3.6
	Sensible	KW	1.39	1.69	1.88	2.16	2.46	2.77
Total Heating Capacity		KW	2.2	2.5	2.8	3.2	3.6	4
Fan Type		Type	Centrifugal					
Air Filter		Type	Anti-dust Air Filter					
Power Supply		V-Ph-Hz	220V-1Ph-50Hz					
Sound Pressure Level	L	dB(A)	22	22	22	22	25	25
	M		25	25	25	25	27	27
	H		30	30	30	30	31	31
Sound Power Level	L	dB(A)	37	37	37	37	37	39
	M		40	40	40	40	40	42
	H		46	46	46	46	46	47
Net weight		kg	18	18	18	18	19	19
Dimension (LxWxH)		CM	71×46×20	71×46×20	71×46×20	71×46×20	71×46×20	71×46×20
Pipe Connection Size	Inlet	inch	1/4	1/4	1/4	1/4	1/4	1/4
	Outlet	inch	3/8	3/8	3/8	3/8	1/2	1/2
	Drain	mm	25	25	25	25	25	25
Accessory			Remote Controller & Wired Controller					

1 -Sound power calculated in free field.

2 -Sound pressure measured at a distance of 1,5 m from the source.

3 -Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 -Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EVDO

MODEL		UNIT	Indoor unit(Medium)					
			EVDO+40	EVDO+45	EVDO+50	EVDO+56	EVDO+63	EVDO+71
Air Flow Volume		M ³ /h	750	750	750	900	900	1100
		CFM	441	441	441	529	529	647
External Static Pressure	Default	Pa	15	15	15	15	15	15
	Max	Pa	30	30	30	30	30	30
Cooling Capacity	Total	KW	4	4.5	5	5.6	6.3	7.1
	Sensible	KW	3.12	3.47	3.85	4.26	4.85	5.33
Total Heating Capacity		KW	4.5	5	5.6	6.3	7.1	8
Fan Type		Type	Centrifugal					
Air Filter		Type	Anti-dust Air Filter					
Power Supply		V-Ph-Hz	220V-1Ph-50Hz					
Sound Pressure Level	L	dB(A)	27	27	27	29	29	30
	M		29	29	29	31	31	32
	H		33	33	33	35	35	37
Sound Power Level	L	dB(A)	41	41	41	44	45	46
	M		44	44	44	46	47	48
	H		47	47	47	50	51	52
Net weight		kg	24	24	24	25	25	31
Dimension (LxWxH)		CM	101×46×20	101×46×20	101×46×20	101×46×20	101×46×20	131×46×20
Pipe Connection Size	Inlet	inch	1/4	1/4	1/4	3/8	3/8	3/8
	Outlet	inch	1/2	1/2	1/2	5/8	5/8	5/8
	Drain	mm	25	25	25	25	25	25
Accessory			Remote Controller & Wired Controller					

1 -Sound power calculated in free field.

2 -Sound pressure measured at a distance of 1,5 m from the source.

3 -Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 -Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EVDO

MODEL		UNIT	Indoor unit(Medium)					
			EVDO+80	EVDO+90	EVDO+100	EVDO+112	EVDO+125	EVDO+140
Air Flow Volume		M ³ /h	1250	1500	1500	1700	2000	2000
		CFM	735	882	882	1000	1176	1176
External Static Pressure	Default	Pa	50	50	50	50	50	50
	Max	Pa	80	80	80	80	80	80
Cooling Capacity	Total	KW	8	9	10	11.2	12.5	14
	Sensible	KW	6.16	6.93	7.60	8.62	9.63	10.78
Total Heating Capacity		KW	9	10	11.2	12.5	14	16
Fan Type		Type	Centrifugal					
Air Filter		Type	Anti-dust Air Filter					
Power Supply		V-Ph-Hz	220V-1Ph-50Hz					
Sound Pressure Level	L	dB(A)	31	32	32	32	37	37
	M		34	36	36	36	40	40
	H		37	40	40	40	42	42
Sound Power Level	L	dB(A)	47	47	48	48	51	51
	M		50	51	52	52	54	54
	H		53	45	56	56	58	58
Net weight		kg	29	45	45	45	46	46
Dimension (LxWxH)		CM	120×65×26	134×65×26	134×65×26	134×65×26	134×65×26	134×65×26
Pipe Connection Size	Inlet	inch	3/8	3/8	3/8	3/8	3/8	3/8
	Outlet	inch	5/8	5/8	5/8	5/8	5/8	5/8
	Drain	mm	25	25	25	25	25	25
Accessory			Remote Controller & Wired Controller					

1 –Sound power calculated in free field.

2 –Sound pressure measured at a distance of 1,5 m from the source.

3 –Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 –Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EVDO+H

MODEL		UNIT	Indoor unit(High Static)					
			EVDO+22H	EVDO+25H	EVDO+28H	EVDO+32H	EVDO+36H	EVDO+40H
Air Flow Volume		M ³ /h	550	550	550	600	600	850
		CFM	323	323	323	353	353	500
External Static Pressure	Default	Pa	50	50	50	50	50	50
	Max	Pa	80	80	80	80	80	80
Cooling Capacity	Total	KW	2.2	2.5	2.8	3.2	3.6	4
	Sensible	KW	1.69	1.88	2.16	2.46	2.77	3.12
Total Heating Capacity		KW	2.5	2.8	3.2	3.6	4	4.5
Fan Type		Type	Centrifugal					
Air Filter		Type	Anti-dust Air Filter					
Power Supply		V-Ph-Hz	220V-1Ph-50Hz					
Sound Pressure Level	L	dB(A)	28	28	28	29	29	32
	M		30	30	30	31	31	34
	H		33	33	33	33	33	36
Sound Power Level	L	dB(A)	44	44	44	45	45	48
	M		46	46	46	47	47	50
	H		49	49	49	49	49	52
Net weight		kg	32	32	32	32	32	34
Dimension (LxWxH)		CM	70×70×30	70×70×30	70×70×30	70×70×30	70×70×30	70×70×30
Pipe Connection Size	Inlet	inch	1/4	1/4	1/4	1/4	1/4	1/4
	Outlet	inch	3/8	3/8	3/8	1/2	1/2	1/2
	Drain	mm	25	25	25	25	25	25
Accessory			Remote Controller & Wired Controller					

1 -Sound power calculated in free field.

2 -Sound pressure measured at a distance of 1,5 m from the source.

3 -Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 -Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EVDO+H

MODEL		UNIT	Indoor unit(High Static)					
			EVDO+45H	EVDO+50H	EVDO+56H	EVDO+63H	EVDO+71H	EVDO+80H
Air Flow Volume		M ³ /h	850	850	1000	1000	1250	1250
		CFM	500	500	588	588	735	735
External Static Pressure	Default	Pa	50	50	90	90	90	90
	Max	Pa	80	80	200	200	200	200
Cooling Capacity	Total	KW	4.5	5	5.6	6.3	7.1	8
	Sensible	KW	3.47	3.85	4.26	4.85	5.33	6.16
Total Heating Capacity		KW	5	5.6	6.3	7.1	8	9
Fan Type		Type	Centrifugal					
Air Filter		Type	Anti-dust Air Filter					
Power Supply		V-Ph-Hz	220V-1Ph-50Hz					
Sound Pressure Level	L	dB(A)	32	32	33	33	34	34
	M		34	34	35	35	36	36
	H		36	36	37	37	38	38
Sound Power Level	L	dB(A)	48	48	49	49	50	50
	M		50	50	51	51	52	52
	H		52	52	53	53	54	54
Net weight		kg	34	34	43	43	43	43
Dimension (LxWxH)		CM	70×70×30	70×70×30	100×70×30	100×70×30	100×70×30	100×70×30
Pipe Connection Size	Inlet	inch	1/4	1/4	3/8	3/8	3/8	3/8
	Outlet	inch	1/2	1/2	5/8	5/8	5/8	5/8
	Drain	mm	25	25	25	25	25	25
Accessory			Remote Controller & Wired Controller					

1 –Sound power calculated in free field.

2 –Sound pressure measured at a distance of 1,5 m from the source.

3 –Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 –Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EVDO+H

MODEL		UNIT	Indoor unit(High Static)					
			EVDO+90H	EVDO+100H	EVDO+112H	EVDO+125H	EVDO+140H	EVDO+160H
Air Flow Volume		M ³ /h	1800	1800	2000	2000	2350	2500
		CFM	1058	1058	1176	1176	1382	1470
External Static Pressure	Default	Pa	90	90	90	90	90	90
	Max	Pa	200	200	200	200	200	200
Cooling Capacity	Total	KW	9	10	11.2	12.5	14	16
	Sensible	KW	6.93	7.60	8.62	9.63	10.78	12.32
Total Heating Capacity		KW	10	11.2	12.5	14	16	18
Fan Type		Type	Centrifugal					
Air Filter		Type	Anti-dust Air Filter					
Power Supply		V-Ph-Hz	220V-1Ph-50Hz					
Sound Pressure Level	L	dB(A)	35	35	36	36	37	38
	M		37	37	38	38	39	41
	H		40	40	40	40	42	44
Sound Power Level	L	dB(A)	51	51	52	52	53	54
	M		53	53	54	54	55	57
	H		56	56	56	56	58	60
Net weight		kg	57	57	57	57	58	58
Dimension (LxWxH)		CM	140×70×30	140×70×30	140×70×30	140×70×30	140×70×30	140×70×30
Pipe Connection Size	Inlet	inch	3/8	3/8	3/8	3/8	3/8	3/8
	Outlet	inch	5/8	5/8	5/8	5/8	5/8	3/4
	Drain	mm	25	25	25	25	25	25
Accessory			Remote Controller & Wired Controller					

1 -Sound power calculated in free field.

2 -Sound pressure measured at a distance of 1,5 m from the source.

3 -Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 -Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EVDO+H

MODEL		UNIT	Indoor unit(High Static)					
			EVDO+180H	EVDO+224H	EVDO+280H	EVDO+400H	EVDO+450H	EVDO+560H
Air Flow Volume		M ³ /h	3000	4000	4400	8000	8200	10000
		CFM	1764	2352	2587	4704	4822	5880
External Static Pressure	Default	Pa	90	100	100	200.5	200.5	200
	Max	Pa	200	200	200	250	250	200
Cooling Capacity	Total	KW	18	22.4	28	40	45	56
	Sensible	KW	13.86	17.25	21.56	30.80	34.65	43.12
Total Heating Capacity		KW	20	25	31	45	50	63
Fan Type		Type	Centrifugal					
Air Filter		Type	Anti-dust Air Filter					
Power Supply		V-Ph-Hz	220V-1Ph-50Hz					
Sound Pressure Level	L	dB(A)	44	49	50	56	57	63
	M		47	52	52	59	60	63
	H		49	54	55	61	62	63
Sound Power Level	L	dB(A)	60	65	66	72	73	79
	M		63	68	68	75	76	79
	H		65	70	71	77	78	79
Net weight		kg	58	82	105	170	236	282
Dimension (LxWxH)		CM	140×70×30	148×79×38	168×87×45	168×90×65	190×110×70	190×110×85
Pipe Connection Size	Inlet	inch	3/8	3/8	3/8	1/2	1/2	5/8
	Outlet	inch	3/4	3/4	7/8	1	1 1/8	1 1/8
	Drain	mm	25	25	25	25	25	25
Accessory			Remote Controller & Wired Controller					

1 –Sound power calculated in free field.

2 –Sound pressure measured at a distance of 1,5 m from the source.

3 –Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 –Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EVCH

MODEL		UNIT	Indoor unit(Cassette 4-Way)			
			EVCH15	EVCH18	EVCH22	EVCH28
Air Flow Volume		M ³ /h	460	460	500	570
		CFM	270	270	294	335
Rating Current	Cooling	A	0.15	0.15	0.15	0.15
	Heating	A	0.15	0.15	0.15	0.15
Cooling Capacity	Total	KW	1.5	1.8	2.2	2.8
	Sensible	KW	1.16	1.39	1.69	2.16
Total Heating Capacity		KW	1.8	2.2	2.5	3.2
Fan Type		Type	Centrifugal			
Air Filter		Type	Anti-dust Air Filter			
Power Supply		V-Ph-Hz	220V-1Ph-50Hz			
Sound Pressure Level	L	dB(A)	25	25	25	28
	M		30	30	31	33
	H		33	33	36	36
Sound Power Level	L	dB(A)	32	32	32	35
	M		37	37	38	40
	H		40	40	43	43
Net weight		kg	3	3	3	3
Dimension (LxWxH)		CM	57×57×26	57×57×26	57×57×26	57×57×26
Pipe Connection Size	Inlet	inch	1/4	1/4	1/4	1/4
	Outlet	inch	3/8	3/8	3/8	3/8
	Drain	mm	25	25	25	25
Accessory			Remote Controller & Wired Controller			

1 –Sound power calculated in free field.

2 –Sound pressure measured at a distance of 1,5 m from the source.

3 –Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 –Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EVCH

MODEL		UNIT	Indoor unit(Cassette 4-Way)			
			EVCH36	EVCH45	EVCH50	EVCH56
Air Flow Volume		M ³ /h	620	730	730	730
		CFM	365	429	429	429
Rating Current	Cooling	A	0.15	0.23	0.23	0.23
	Heating	A	0.15	0.23	0.23	0.23
Cooling Capacity	Total	KW	3.6	4.5	5.0	5.6
	Sensible	KW	2.8	3.5	3.9	4.3
Total Heating Capacity		KW	4.0	5.0	5.6	6.3
Fan Type		Type	Centrifugal			
Air Filter		Type	Anti-dust Air Filter			
Power Supply		V-Ph-Hz	220V-1Ph-50Hz			
Sound Pressure Level	L	dB(A)	35	39	39	39
	M		37	41	41	41
	H		39	43	43	43
Sound Power Level	L	dB(A)	42	46	46	46
	M		44	48	48	48
	H		46	50	50	50
Net weight		kg	3	3	3	3
Dimension (LxWxH)		CM	57×57×26	57×57×26	57×57×26	57×57×26
Pipe Connection Size	Inlet	inch	1/4	1/4	1/4	3/8
	Outlet	inch	1/2	1/2	1/2	5/8
	Drain	mm	25	25	25	25
Accessory			Remote Controller & Wired Controller			

1 –Sound power calculated in free field.

2 –Sound pressure measured at a distance of 1,5 m from the source.

3 –Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 –Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

MODEL		UNIT	Indoor unit(Wall-Mounted)				
			EVW+15	EVW+18	EVW+22	EVW+28	EVW+36
Air Flow Volume		M ³ /h	500	500	500	500	630
		CFM	294	294	294	294	370
Rating Current	Cooling	A	0.1	0.1	0.1	0.1	0.12
	Heating	A	0.1	0.1	0.1	0.1	0.12
Cooling Capacity	Total	KW	1.5	1.8	2.2	2.8	3.6
	Sensible	KW	1.16	1.39	1.69	2.16	2.77
Total Heating Capacity		KW	1.8	2.2	2.5	3.2	4
Fan Type		Type	Centrifugal				
Air Filter		Type	Anti-dust Air Filter				
Power Supply		V-Ph-Hz	220V-1Ph-50Hz				
Sound Pressure Level	L	dB(A)	30	30	30	30	31
	M		33	33	33	33	35
	H		35	35	35	35	38
Sound Power Level	L	dB(A)	37	37	37	37	38
	M		40	40	40	40	42
	H		42	42	42	42	45
Net weight		kg	10.5	10.5	10.5	10.5	10.5
Dimension (LxWxH)		CM	84×20×29	84×20×29	84×20×29	84×20×29	84×20×29
Pipe Connection Size	Inlet	inch	1/4	1/4	1/4	1/4	1/4
	Outlet	inch	3/8	3/8	3/8	3/8	1/2
	Drain	mm	25	25	25	25	25
Accessory			Remote Controller & Wired Controller				

1 -Sound power calculated in free field.

2 -Sound pressure measured at a distance of 1,5 m from the source.

3 -Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 -Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

MODEL		UNIT	Indoor unit(Wall-Mounted)			
			EVW+45	EVW+50	EVW+56	EVW+63
Air Flow Volume		M ³ /h	850	850	1100	1100
		CFM	500	500	647	647
Rating Current	Cooling	A	0.17	0.17	0.24	0.24
	Heating	A	0.17	0.17	0.24	0.24
Cooling Capacity	Total	KW	4.5	5	5.6	6.3
	Sensible	KW	3.47	3.85	4.31	4.85
Total Heating Capacity		KW	5	5.6	6.3	7.1
Fan Type		Type	Centrifugal			
Air Filter		Type	Anti-dust Air Filter			
Power Supply		V-Ph-Hz	220V-1Ph-50Hz			
Sound Pressure Level	L	dB(A)	37	37	37	37
	M		40	40	41	41
	H		43	43	43	43
Sound Power Level	L	dB(A)	44	44	44	44
	M		47	47	48	48
	H		50	50	50	50
Net weight		kg	12.5	12.5	16	16
Dimension (LxWxH)		CM	97×22×30	97×22×30	107×24×32	107×24×32
Pipe Connection Size	Inlet	inch	1/4	1/4	3/8	3/8
	Outlet	inch	1/2	1/2	5/8	5/8
	Drain	mm	25	25	25	25
Accessory			Remote Controller & Wired Controller			

1 –Sound power calculated in free field.

2 –Sound pressure measured at a distance of 1,5 m from the source.

3 –Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 –Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EVW

MODEL		UNIT	Indoor unit(Wall-Mounted)			
			EVW+71	EVW+80	EVW+90	EVW+95
Air Flow Volume		M ³ /h	1200	1550	1550	1650
		CFM	706	911	911	970
Rating Current	Cooling	A	0.31	0.41	0.41	0.41
	Heating	A	0.31	0.31	0.31	0.31
Cooling Capacity	Total	KW	7.1	8.0	9.0	9.5
	Sensible	KW	5.5	6.2	6.9	7.3
Total Heating Capacity		KW	7.5	9.0	10.0	10.5
Fan Type		Type	Centrifugal			
Air Filter		Type	Anti-dust Air Filter			
Power Supply		V-Ph-Hz	220V-1Ph-50Hz			
Sound Pressure Level	L	dB(A)	37	40	40	40
	M		41	46	46	48
	H		44	49	49	52
Sound Power Level	L	dB(A)	44	47	47	47
	M		48	53	53	55
	H		51	56	56	59
Net weight		kg	16	20	20	20
Dimension (LxWxH)		CM	107×24×32	135×26×32	135×26×32	135×26×32
Pipe Connection Size	Inlet	inch	3/8	3/8	3/8	3/8
	Outlet	inch	5/8	5/8	5/8	5/8
	Drain	mm	25	25	25	25
Accessory			Remote Controller & Wired Controller			

1 -Sound power calculated in free field.

2 -Sound pressure measured at a distance of 1,5 m from the source.

3 -Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.

4 -Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

TYPE OF OUTDOOR UNIT

EVRU+(FORWARD)

Standard multisplit VRF air conditioners.

Reversible air/air heat pump with DC inverter technology.

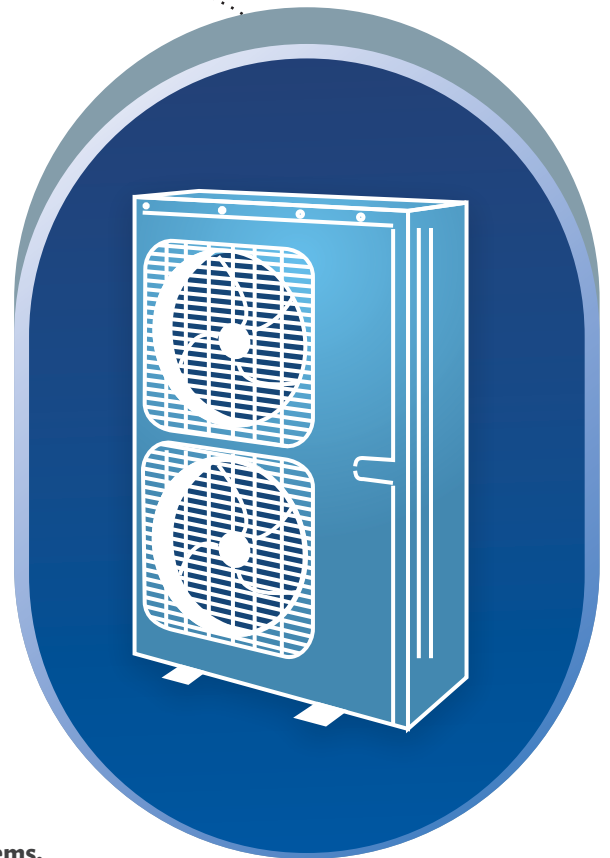
- From 1 to 16 connectible indoor units.
- Total maximum length of the refrigerant lines up to 300 m.
- Compressor and fan with DC inverter technology.
- Fitted with an electronic expansion valve.

EVRU+(UPWARD)

Module multisplit VRF ambient air conditioner for 2 or 3 pipe systems.

Reversible air/air heat pump with DC inverter technology.

- From 1 to 80 connectible indoor units.
- Total maximum length of the refrigerant lines up to 1000 m.
- Modular system with base modules that can be combined together, up to a maximum of 4, for a total of 33 recommended combinations.
- Compressor and fan with DC inverter technology.
- Fitted with an electronic expansion valve.
- Optimised management of the compressor operating time with partial loads.
- Emergency operation, in the event of problems with the compressors or fans, allows operation of the system with a reduced number of compressors and/or fans for a limited time.
- Channelled air delivery from 0 Pa (default) to 110 Pa of effective static head set via dip switches.



General features

- Operating mode: cooling, heating, dehumidification, automatic and fan only.
- During the modular design of a project, the outdoor unit detects the parameters of each module the system self- defines the bias current module. Each module automatically adjusts the control methods and control thresholds of key components according to the difference in characteristics and memorizes a automatically to quickly reach a reliable and efficient operating state when it is restarted next time.
- Compressor and fan with DC inverter technology.
- Serial communication in CanBus protocol.
- Easy installation and maintenance.
- Particularly quiet operation.
- Microprocessor control.
- Self-diagnosis function.
- Auto-restart function.

EVRU(FORWARD)

MODEL	UNIT	Outdoor unit(Forward)					
		EVRU+120	EVRU+140	EVRU+160	EVRU+224	EVRU+280	EVRU+335
Power Supply	V-Ph-Hz	380V-3Ph-50Hz					
Cooling Capacity	KW	12.1	14	16	22.4	28	33.5
Total Power Input	KW	2.94	3.27	3.72	5.28	6.5	7.33
EER	KW/KW	4.12	4.28	4.30	4.24	4.31	4.57
Fan(Air Flow Rate)	M ³ /h	6000	6300	6600	8000	11000	11000
Heating Capacity	KW	14	16.5	18	22.4	28	33.5
Heating Power Input	KW	3.27	3.68	4.12	4.9	5.7	6.8
COP	KW/KW	4.28	4.48	4.37	4.57	4.87	4.92
Fan Type	Type	Inverter Axial					
Sound Pressure Level	dB(A)	57	58	58	58	62	62
Sound Power Level	dB(A)	68	69	69	69	73	73
Net weight	kg	120	120	120	133	163	174
Dimension (LxWxH)	CM	90×34×134	90×34×134	90×34×134	94×32×143	94×46×161	94×46×161
Max Refrigerant Length	m	300					

1 _Cooling ambient air temperature 27 °C d.b. / 19 °C w.b.; outside air temperature 35 °C; length of refrigerant lines 5 m.
 2 _Heating ambient air temperature 20 °C d.b.; outside air temperature 7 °C d.b. / 6 °C w.b; length of refrigerant lines 5 m.

EV RU(UPWARD)

MODEL	UNIT	Outdoor unit(Upward)					
		EV RU+224	EV RU+280	EV RU+335	EV RU+400	EV RU+450	EV RU+504
Power Supply	V-Ph-Hz	380V-3Ph-50Hz					
Cooling Capacity	KW	22.4	28	33.5	40	45	50.4
Total Power Input	KW	4.68	6.22	7.33	9.15	10.05	12.2
EER	KW/KW	4.78	4.50	4.57	4.37	4.48	4.13
Total Current Input	A	23	23.5	24.1	32.5	33.5	47
Heating Capacity	KW	25	31.5	37.5	45	50	56.5
Heating Power Input	KW	4.55	5.9	7.8	9.5	10.7	12.9
COP	KW/KW	5.5	5.34	4.81	4.74	4.67	4.38
Fan Type	Type	Inverter Axial					
Sound Pressure Level	dB(A)	56	57	59	59	60	61
Sound Power Level	dB(A)	69	70	72	72	73	74
Net weight	kg	215	215	220	290	290	295
Dimension (LxWxH)	CM	93×77×169	93×77×169	93×77×169	134×77×169	134×77×169	134×77×169
Pipe Connection Size	Inlet	inch	3/4	7/8	1	1	1 1/8
	Outlet	inch	3/8	3/8	1/2	1/2	1/2
Max Refrigerant Length	m	1000					

MODEL	UNIT	Outdoor unit(Upward)					
		EV RU+560	EV RU+615	EV RU+680	EV RU+735	EV RU+785	EV RU+839
Power Supply	V-Ph-Hz	380V-3Ph-50Hz					
Cooling Capacity	KW	56	61.5	68	73.5	78.5	83.9
Total Power Input	KW	13.8	16.18	18.46	16	18.2	20
EER	KW/KW	4.06	3.8	3.68	4.59	4.31	4.20
Total Current Input	A	48	49	49	56.6	57.6	71.1
Heating Capacity	KW	63	69	76.5	82.5	87.5	94
Heating Power Input	KW	13.1	16.9	20.1	17.3	18.5	27
COP	KW/KW	4.81	4.08	3.81	4.77	4.73	3.48
Fan Type	Type	Inverter Axial					
Sound Pressure Level	dB(A)	62	63	64	62	63	64
Sound Power Level	dB(A)	74	75	76	74	75	76
Net weight	kg	350	350	355	510	510	515
Dimension (LxWxH)	CM	134×77×169	134×77×169	134×77×169	Combined		
Pipe Connection Size	Inlet	inch	1 1/8	1 1/8	1 1/8	1 1/4	1 1/4
	Outlet	inch	5/8	5/8	5/8	3/4	3/4
Max Refrigerant Length	m	1000					

EV RU(UPWARD)

MODEL	UNIT	Outdoor unit(Upward)					
		EV RU+895	EV RU+950	EV RU+1015	EV RU+1064	EV RU+1119	EV RU+1175
Power Supply	V-Ph-Hz	380V-3Ph-50Hz					
Cooling Capacity	KW	89.5	95	101.5	106.4	111.9	117.5
Total Power Input	KW	22.2	23.1	24.4	26.1	28.5	30
EER	KW/KW	4.03	4.11	4.16	4.08	3.93	3.92
Total Current Input	A	72.5	73.1	81.5	95	96	97
Heating Capacity	KW	100.5	106.5	114	119.5	125.5	132
Heating Power Input	KW	22.8	24.7	26.4	26	29.8	30
COP	KW/KW	4.41	4.31	4.32	4.60	4.21	4.40
Fan Type	Type	Inverter Axial					
Sound Pressure Level	dB(A)	64	65	65	65	65	65
Sound Power Level	dB(A)	77	78	78	78	78	78
Net weight	kg	565	570	640	645	645	700
Dimension (LxWxH)	CM	Combined					
Pipe Connection Size	Inlet	inch	1 1/4	1 1/4	1 1/2	1 1/2	1 1/2
	Outlet	inch	3/4	3/4	3/4	3/4	3/4
Max Refrigerant Length	m	1000					

MODEL	UNIT	Outdoor unit(Upward)					
		EV RU+1230	EV RU+1295	EV RU+1360	EV RU+1399	EV RU+1455	EV RU+1510
Power Supply	V-Ph-Hz	380V-3Ph-50Hz					
Cooling Capacity	KW	123	129.5	136	139.9	145.5	151
Total Power Input	KW	32.4	36.7	41	33.8	36.2	38.6
EER	KW/KW	3.80	3.53	3.32	4.14	4.02	3.91
Total Current Input	A	98	98	98	119.1	120.5	121.5
Heating Capacity	KW	138	145.5	153	157	163.5	169.5
Heating Power Input	KW	33.8	37	40.2	33.8	35.9	39.7
COP	KW/KW	4.08	3.93	3.81	4.64	4.55	4.27
Fan Type	Type	Inverter Axial					
Sound Pressure Level	dB(A)	65	65	66	66	66	67
Sound Power Level	dB(A)	78	78	79	79	79	80
Net weight	kg	700	705	710	865	915	915
Dimension (LxWxH)	CM	Combined					
Pipe Connection Size	Inlet	inch	1 1/2	1 1/2	1 5/8	1 5/8	1 5/8
	Outlet	inch	3/4	3/4	3/4	3/4	3/4
Max Refrigerant Length	m	1000					

EV RU(UPWARD)

MODEL	UNIT	Outdoor unit(Upward)					
		EV RU+1565	EV RU+1623	EV RU+1679	EV RU+1734	EV RU+1790	EV RU+1845
Power Supply	V-Ph-Hz	380V-3Ph-50Hz					
Cooling Capacity	KW	156.5	162.3	167.9	173.4	179	184.5
Total Power Input	KW	40.1	40.8	42.3	44.7	46.2	48.6
EER	KW/KW	3.90	3.98	3.97	3.88	3.87	3.80
Total Current Input	A	122.1	143	144	145	146	147
Heating Capacity	KW	175.5	182	188.5	194.5	201	207
Heating Power Input	KW	41.6	42.7	42.3	46.7	46.9	50.7
COP	KW/KW	4.22	4.26	4.46	4.16	4.29	4.08
Fan Type	Type	Inverter Axial					
Sound Pressure Level	dB(A)	67	67	67	67	68	68
Sound Power Level	dB(A)	79	79	79	79	80	80
Net weight	kg	920	940	995	995	1050	1050
Dimention (LxWxH)	CM	Combined					
Pipe Connection Size	Inlet	inch	1 5/8	1 5/8	1 5/8	1 5/8	1 5/8
	Outlet	inch	3/4	3/4	3/4	3/4	3/4
Max Refrigerant Length	m	1000					

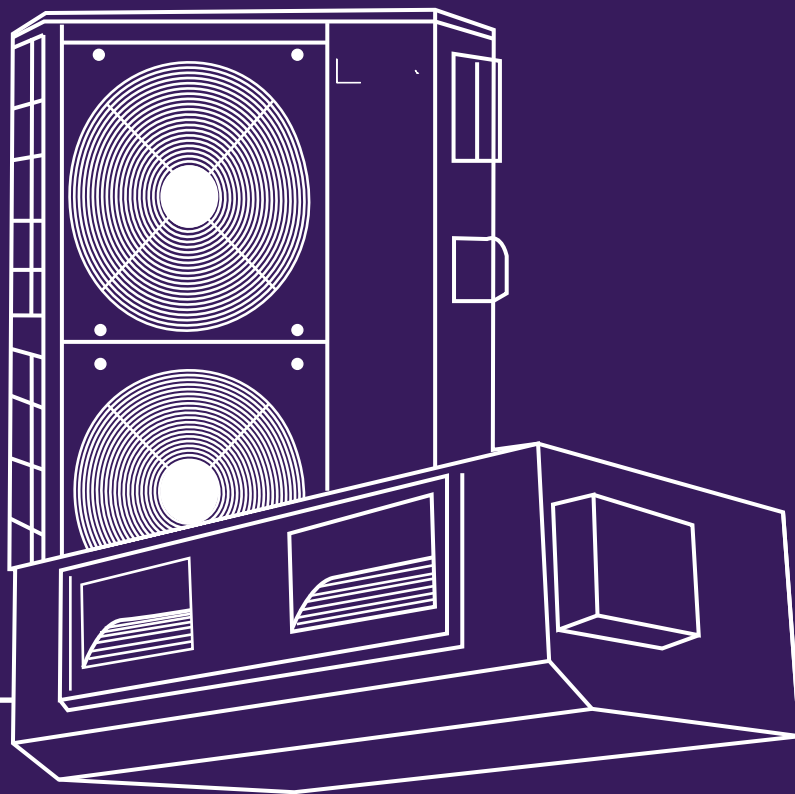
MODEL	UNIT	Outdoor unit(Upward)					
		EV RU+1910	EV RU+1975	EV RU+2040	EV RU+2069	EV RU+2129	EV RU+2190
Power Supply	V-Ph-Hz	380V-3Ph-50Hz					
Cooling Capacity	KW	191	197.5	204	206.9	212.9	219
Total Power Input	KW	52.9	57.2	61.5	52.4	53.1	55.4
EER	KW/KW	3.61	3.45	3.32	3.95	4.01	3.95
Total Current Input	A	147	147	147	169.1	177.5	178.5
Heating Capacity	KW	214.5	222	229.5	232	238.5	246
Heating Power Input	KW	53.9	57.1	60.3	54.2	53.6	56.4
COP	KW/KW	3.98	3.89	3.81	4.28	4.45	4.36
Fan Type	Type	Inverter Axial					
Sound Pressure Level	dB(A)	69	69	69	68	68	69
Sound Power Level	dB(A)	80	80	80	79	79	80
Net weight	kg	1055	1060	1065	1215	1285	1340
Dimention (LxWxH)	CM	Combined					
Pipe Connection Size	Inlet	inch	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
	Outlet	inch	7/8	7/8	7/8	7/8	7/8
Max Refrigerant Length	m	1000					

EVURU(UPWARD)

MODEL	UNIT	Outdoor unit(Upward)					
		EVURU+2245	EVURU+2295	EVURU+2350	EVURU+2414	EVURU+2470	EVURU+2525
Power Supply	V-Ph-Hz	380V-3Ph-50Hz					
Cooling Capacity	KW	224.5	229.5	235	241.4	247	252.5
Total Power Input	KW	57.8	57.6	60	65.2	66.7	69.1
EER	KW/KW	3.88	3.98	3.92	3.70	3.70	3.65
Total Current Input	A	179.5	193	194	194	195	196
Heating Capacity	KW	252	258	264	271	277.5	283.5
Heating Power Input	KW	60.2	56.2	60	66.8	67	70.8
COP	KW/KW	4.19	4.59	4.40	4.06	4.14	4.00
Fan Type	Type	Inverter Axial					
Sound Pressure Level	dB(A)	69	69	69	69	70	70
Sound Power Level	dB(A)	80	80	80	80	81	81
Net weight	kg	1340	1400	1400	1350	1405	1405
Dimention (LxWxH)	CM	Combined					
Pipe Connection Size	Inlet	inch	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
	Outlet	inch	7/8	7/8	7/8	7/8	7/8
Max Refrigerant Length	m	1000					

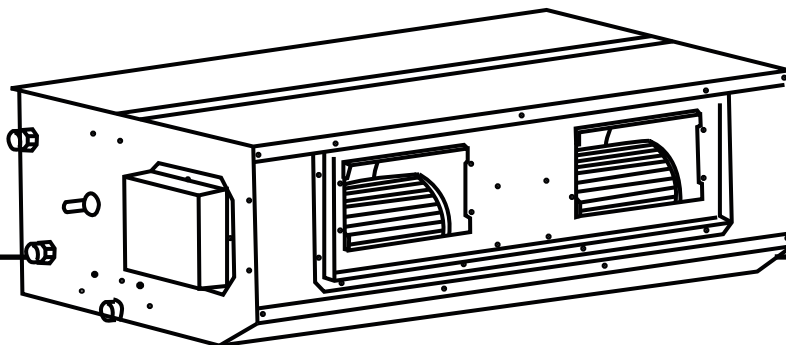
MODEL	UNIT	Outdoor unit(Upward)		
		EVURU+2590	EVURU+2655	EVURU+2720
Power Supply	V-Ph-Hz	380V-3Ph-50Hz		
Cooling Capacity	KW	259	265.5	272
Total Power Input	KW	73.4	77.7	82
EER	KW/KW	3.53	3.42	3.32
Total Current Input	A	196	196	196
Heating Capacity	KW	291	298.5	306
Heating Power Input	KW	74	77.2	80.4
COP	KW/KW	3.93	3.87	3.81
Fan Type	Type	Inverter Axial		
Sound Pressure Level	dB(A)	70	70	70
Sound Power Level	dB(A)	81	81	81
Net weight	kg	1410	1415	1420
Dimention (LxWxH)	CM	Combined		
Pipe Connection Size	Inlet	inch	1 3/4	1 3/4
	Outlet	inch	7/8	7/8
Max Refrigerant Length	m	1000		

C o o l i n g a s v a s t a s c o m f o r t



Duct Split

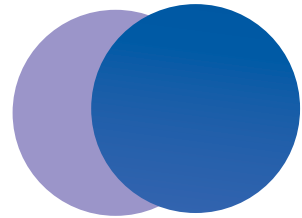
- Heating & Cooling in One System.
- Concealed indoor unit (hidden in false ceilings).
- Distributes air evenly across all rooms via ducts.
- Indoor unit operates silently.
- Cost-effective operation and best efficiency.



DESCRIPTION

Duct Split:

- EDI – Indoor unit.
- EDO – Outdoor unit.

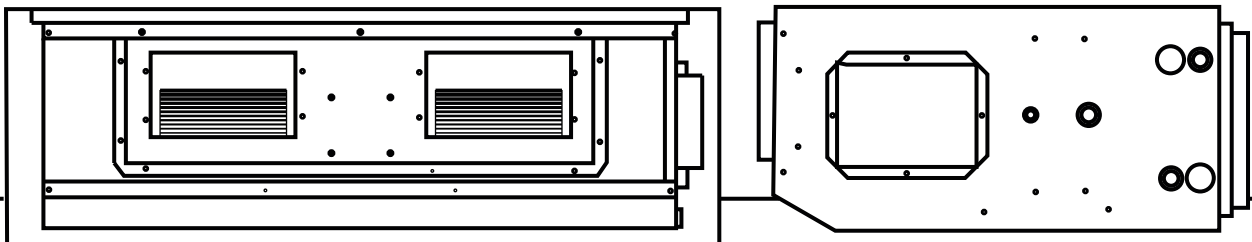


TYPE OF INDOR UNIT

EDI

Horizontal Duct:

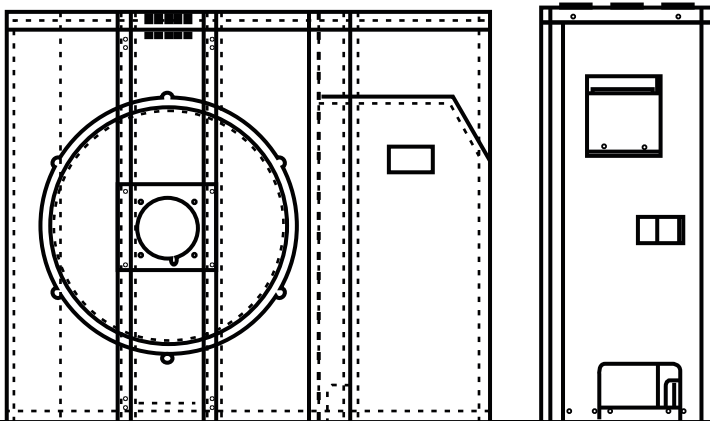
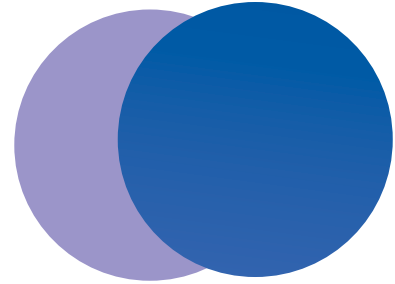
- Capacity range 5–16.3 kW.
- Air flow capacity 600–2000 CFM.
- External static pressure 65–110 Pa.
- Fan quantity 2 Nr.
- Capability to add a hot water coil.
- The unit is equipped with a forward multi-vane low-noise centrifugal fan for superior airflow efficiency and quiet operation.
- Engineered to reduce sound levels, ensuring quiet comfort in residential and commercial spaces.



TYPE OF OUTDOOR UNIT

EDO

- COP 3.48–3.4 w/w.
- Condenser equipped with blue fin.
- Compressor Rotary & Scroll type.
- Fan quantity number 1&2 Nr.
- Fan type Axial.



General features

- High-efficiency Exon duct splits with modern and optimized design.
- Capability to connect fresh air duct using a plenum.
- Minimal noise level and low device height.
- Utilizes coils made of copper tubing with appropriate thickness and aluminum sinusoidal wave fins to enhance efficiency and heat transfer.
- Equipped with washable and anti-fungal G3 filter – option to supply G4 fiber filters.
- Ability to return air from the back or bottom of the device using a plenum.
- Flexibility to change the connection side of the DX coil and hot water piping from left to right on-site.
- Suitable for various spaces including residential, office, commercial, and etc.
- Body constructed from high-strength galvanized steel, coated with electrostatic powder paint.
- Easy access to internal components for servicing and cleaning.
- Equipped with a touch wall-mounted thermostat.
- Equipped with Antifreeze High & Low pressure sensor for device safety.

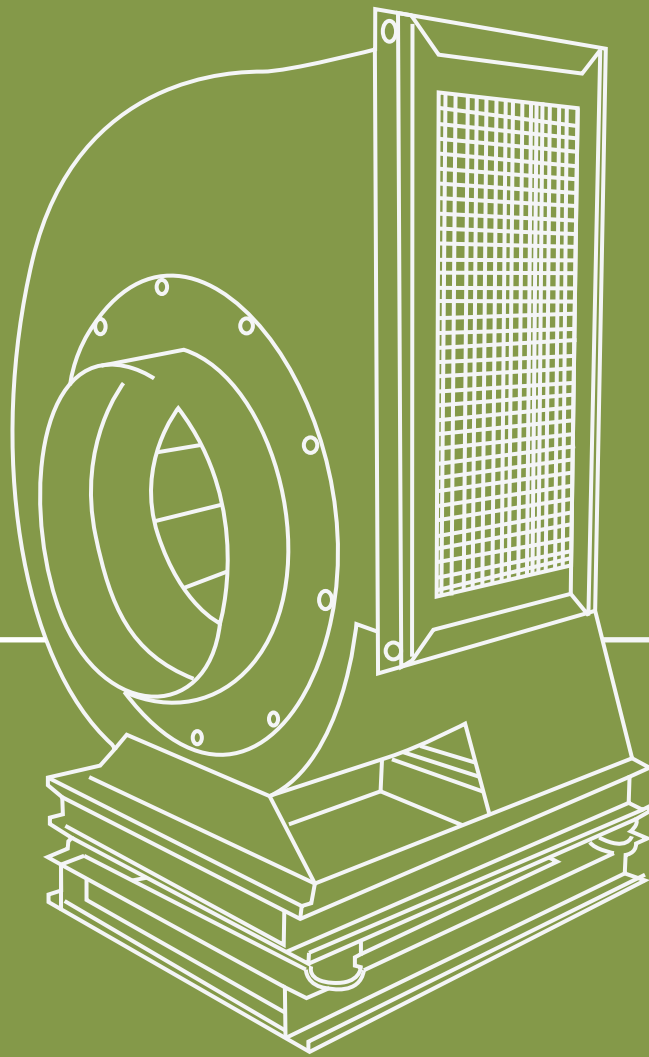
MODEL		Unit	Indoor Unit						
			EDI18	EDI24	EDI30	EDI36	EDI42	EDI48	EDI60
Air Flow Volume		M3/h	1020	1360	1700	2040	2380	2720	3400
		CFM	600	800	1000	1200	1400	1600	2000
External Static Pressure		Pa	65	70	85	85	90	110	110
Capacity	Cooling total	Kw	5	6.6	8	9.3	11.1	13.1	16.3
	Cooling Sensible	Kw	3.4	4.5	5.5	6.5	7.6	8.9	1101
Heating		Kw	7.3	9.8	12.3	14.5	17.7	20.4	25
Rows of Cooling/Heating		Nr	3						
HeatingWaterFlowVolume		GPM	3	3.5	4.5	5.2	6.5	7.2	9
HeatingWaterPressureDrop		M.water	0.5	0.7	0.7	0.8	1.1	1.5	1.7
Fan Type		Type	Forward multi vane low noise centrifugal fan						
Fan Quantity		Nr	2						
Power Supply		V-Ph-Hz	220V-1ph-550Hz						
Total System Power Input		A	1.4	1.4	1.5	1.9	2.1	2.3	2.6
Air Filter Type		Type	Anti-dust Washable Air Filter						
Sound Pressure Level		aB(A)	42	44	46	46	48	49	50
Weight		kg	25	32	35	40	41	50	55
Dimensions(LxWxH)		mm	850×650×280	1050×650×280	1050×650×330	1200×650×330	1200×700×380	1400×700×380	1500×700×430
Pipe Connection Size	Inlet/outletWater	inch	3/4	3/4	3/4	3/4	1	1	1
	Refrigerant	inch	1/4-1/2	3/8-5/8	3/8-5/8	3/8-3/4	38-3/4	3/8-3/4	3/8-3/4
	Drain	mm	21	21	21	21	21	21	21

.Cooling capacities are based on entering air temperature of 80°F DB / 67°F WB.
 .Heating capacities are based on entering air temperature of 70°F DB at fan high speed.

MODEL		Unit	Out door unit						
			EDO18	EDO24	EDO30	EDO36	EDO42	EDO48	EDO60
Power Supply		V-Ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50	380-3-50	380-3-50	380-3-50
Rating Current		A	9.73	11.5	13.2	13.6	6.2	7.7	8.4
Total System Power Input		Kw	2	2.4	2.9	3.1	3.2	3.8	5.2
COP		W/W	3.48	3.67	3.68	3.73	3.2	3.3	3.4
Maximum piping length	Total	M	25	30	30	30	35	35	35
	Vertical		12	15	15	15	15	15	15
CompressorType		Type	Rotary-Scroll	Rotary-Scroll	Rotary-Scroll	Rotary-Scroll	Scroll	Scroll	Scroll
Fan Type		Type	Axial						
Fan Quantity		Nr	1	1	1	1	2	2	2
Refrigerant change		kg	2	2.5	2.9	3.2	3.7	4.3	5
Sound Pressure Level		dB(A)	54	54	56	57	58	60	61
Weight		kg	60	6	75	75	105	110	125
Dimensions(L×W×H)		mm	950×340×600	950×340×700	950×340×800	950×340×900	950×390×1200	1130×390×1280	1130×390×1430
Pipe Connection Size	Gas	inch	1/2	5/8	5/8	3/4	3/4	3/4	3/4
	Likuid	inch	1/4	3/8	3/8	3/8	3/8	3/8	3/8

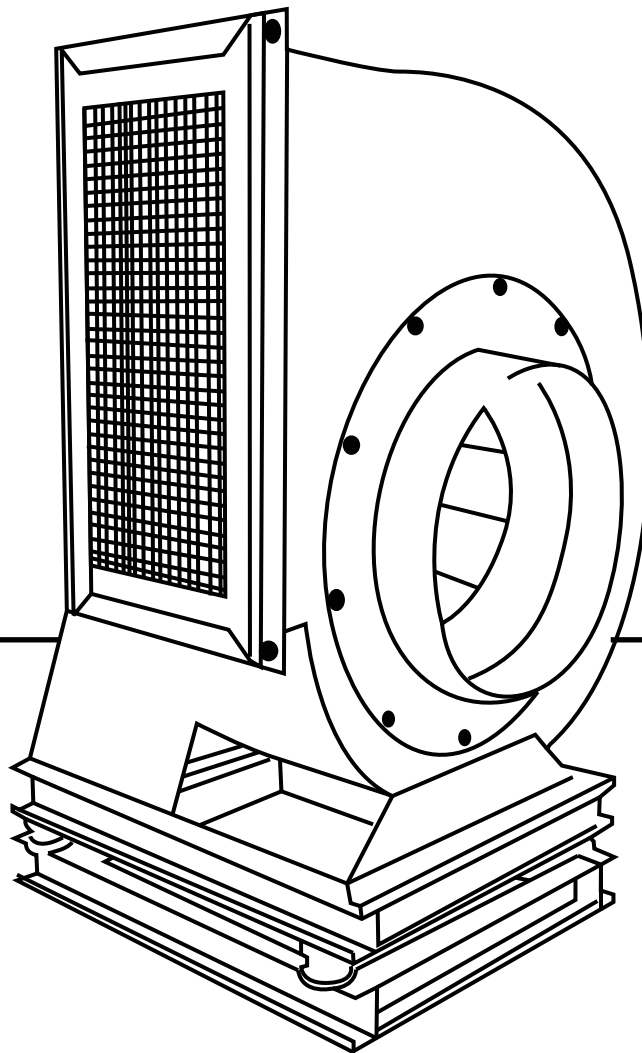
· Cooling capacities are based on entering air temperature of 80°F DB / 67°F WB.
 · Heating capacities are based on entering air temperature of 70°F DB at fan high speed.

C o o l i n g a s v a s t a s c o m f o r t



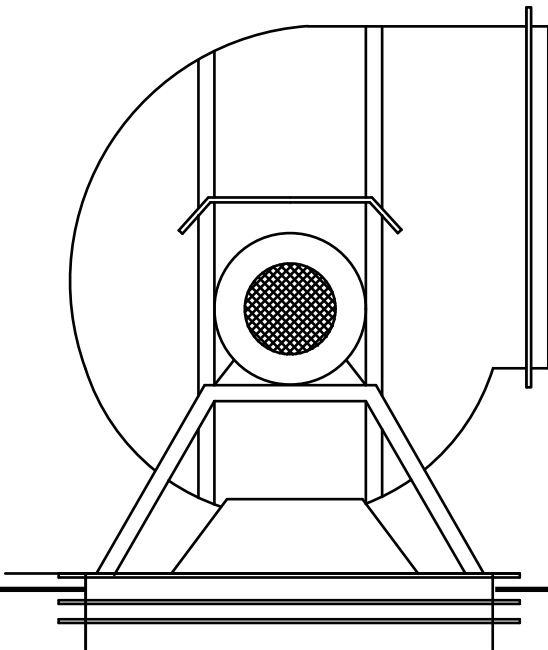
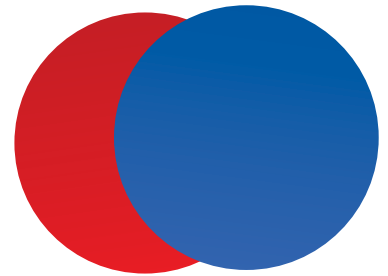
Centrifugal Fan

- High Static Pressure Capability.
- Flexible Design Options.
- Suitable for Contaminated or Particulate-Laden Air.
- High Efficiency in Specific Applications.

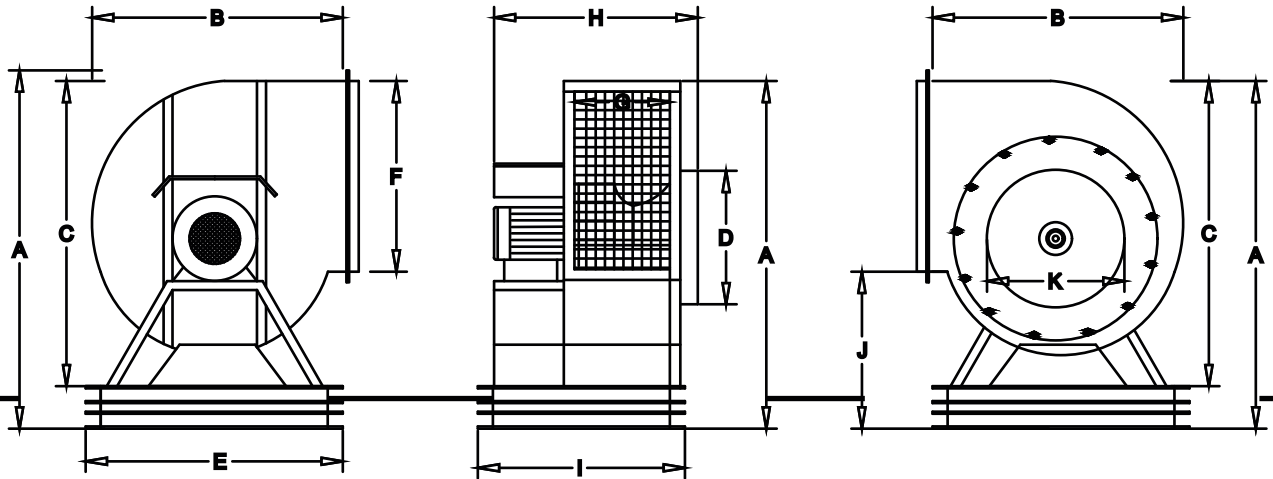


General features

- Made from galvanized sheet metal.
- Centrifugal type fan with single-inlet, backward-curved impeller.
- Impeller is driven indirectly via pulley and belt system.
- Electric motor is mounted on a special adjustable frame.
- A protective guard can be installed on the fan outlet for safety, if required.
- When viewed from the outlet side, the pulley and belt are located on the right side by default.

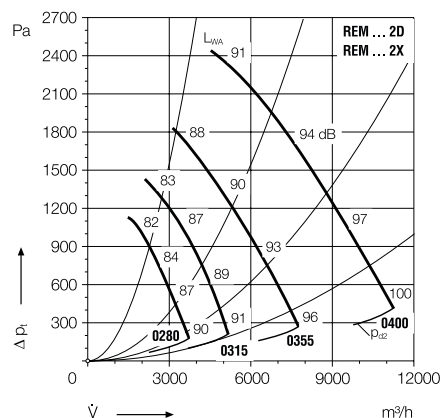
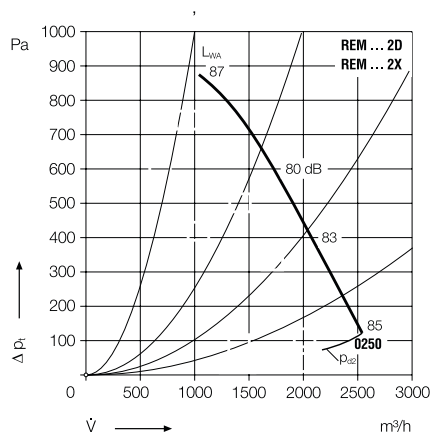


Dimensions

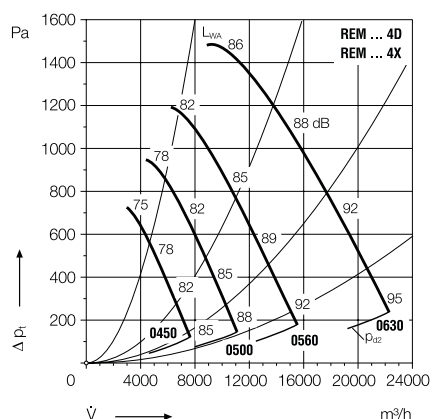
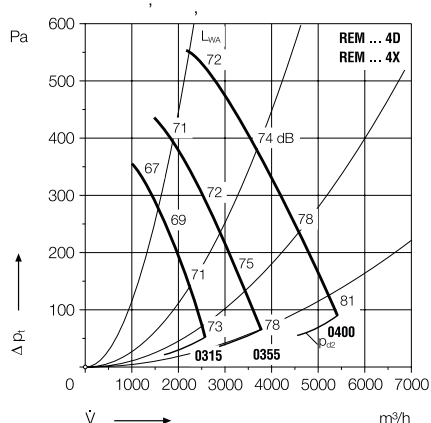


Model	Unit	Centrifugal Fan										
		REM250	REM280	REM315	REM355	REM400	REM450	REM500	REM560	REM630	REM710	REM800
A	mm	580	590	690	820	900	970	1130	1215	1345	1520	1630
B	mm	380	410	460	600	640	720	800	880	1000	1120	1250
C	mm	420	440	530	630	720	790	930	1000	1135	1280	1400
D	mm	200	200	250	250	300	350	400	400	500	600	700
E	mm	325	340	365	425	460	740	590	585	635	685	785
F	mm	285	300	330	415	450	520	600	660	820	900	940
G	mm	160	180	205	225	250	250	310	320	360	375	450
H	mm	410	440	480	500	580	580	690	700	780	905	1080
I	mm	400	...	490	490	550	550	660	670	760	820	1000
J	mm	265	290	320	350	410	430	510	525	500	570	660
K	mm	250	280	310	350	400	450	500	560	620	700	720

REM 0250/0400, 400 V 50Hz, 2-poles



REM 0315/0630, 400 V 50Hz, 4-poles



REM 0500/0800, 400 V 50Hz, 6-poles

