

100% Fresh Air Packaged Rooftop Air Conditioners

5ERS(KM) Series

2 Flexible duct connection type

1 Digital Compressor



Nominal Cooling Capacity : 10.6-180kW

Introduction to THERMOZMART DOAS Solution

The THERMOZMART Dedicated Outdoor Air System (DOAS) stands as a cutting-edge solution for precise ventilation, cooling, and dehumidification of fresh outdoor air. By integrating advanced technologies, superior efficiency, and configurability options, the system provides unmatched performance for commercial, industrial, and retail applications. This document complements the existing THERMOZMART DOAS lineup with additional features and benefits derived from leading market references.



Key Features and Technical Highlights

Feature	THERMOZMART DOAS	Additional Information
Nominal Cooling Capacity	Range: 10.6 kW – 96 kW	Adaptable cooling outputs for varying applications .
Inverter Technology	Digital Inverter Compressors	Full DC inverter technology ensures precise temperature control and efficiency .
Airflow Configurability	Flexible Duct Connections	Convertible airflow options for bottom or horizontal discharge .
Energy Efficiency	High COP Values (3.05-3.17)	ECM fan technology, inverter compressors, and modulating components .
Cabinet Construction	Thermal Break, Double-Wall	Foam-injected R-13 insulation, ensuring minimal air leakage (<0.5% @ 5" SP) .
Humidity & IAQ Control	Dehumidification & HEPA Filters	Optional MERV 8/13/16 and HEPA filtration with UV lights for optimized IAQ .
Control Systems	Intelligent Digital Controls	Adaptive microprocessor with remote monitoring, BACnet, and Modbus compatibility .

Technical Enhancements and Benefits

1. Energy Efficiency and Cost Savings

Fully modulating inverter compressors and ECM fans deliver precise temperature control while reducing energy consumption.

Integrated Hot Gas Reheat for optimized dehumidification without additional energy costs

2. Superior Cabinet Construction

Double-wall Foam Panels with Thermal Break Technology minimize thermal losses and eliminate condensation risks.

Ultra-low air leakage: <0.5% @ 5" SP ensures efficiency, saving operational costs by up to \$600/year

3. Humidity and Air Quality (IAQ) Optimization

.High-grade filtration options:

- MERV 8/13/16, HEPA, and carbon filters for enhanced particle removal
- Optional UV-C Lights prevent bacterial growth on coils and drain pans.

. Precise humidity control to avoid mold, material degradation, and ensure occupant comfort

4. Smart Control and Monitoring

Intelligent microprocessor with BACnet/Modbus integration for real-time monitoring.

Pre-programmed job-specific controls reduce commissioning time and enhance reliability

5. Flexible and Configurable Design

- Compact footprint: up to 40% shorter and 30% lighter, simplifying installation.
- Custom airflow paths for horizontal or bottom discharge configurations, ideal for retrofit applications

6. Wide Application Range

Suitable for shopping malls, warehouses, industrial facilities, schools, and retail spaces.

High ESP up to 800 Pa allows extensive ductwork for large spaces

Rooftop Air-conditioning Unit



Applicable area: 50-2000m²

- Applicable places: hotels, restaurant, movie theater, shopping mall, school, office building, entertainment venue and higher-end apartments.
- Characteristics of the products: It has high reliability because there are less moving components in the units by adopting totally-closed scroll compressor. Parts of the loads have improved 15-30% by adopting double-press in

parallel with the press. It is controlled by microcomputer automatically. With LED screen display, it is easy to operate.

It has various functions. Designed as an integrated unit, it is flexible and convenient to install. It can be directly installed on the roof or in the yard without specialized machine room, saving the space. There are various ways to

supply air: side-return side supply, down-return down-supply, up-return up-supply, and direct form to ensure your

convenient and simple choice. It is convenient and efficient to maintain and manage.




Model			WRF9Z	WRF11Z	WRF13Z	WRF18Z	WRF20Z	WRF23Z	WRF26Z
			WF9Z	WF11Z	WF13Z	WF18Z	WF20Z	WF23Z	WF26Z
Refrigerating Capacity		kW	8.6	10.6	12.6	17.6	19.6	23.3	25.6
Heating Capacity		kW	9.3	11.3	13.4	18.8	21.3	24.9	27.7
Power			380V / 3Ph / 50Hz						
Refrigerating System			1				2		
Refrigerant			R22/R410A/R407C						
Compressor	Quantity		1				2		
Condensor	Fan Power		380-420V / 3Ph / 50Hz						
	Quantity		1	1	1	1	1	1	1
Evaporator	Air volume	m³/h	1800	2120	2520	2920	3600	4250	4740
	Centrifugal Fan Power		220V / 1Ph / 50Hz						
	Driving Form		Direct Drive						
Residual Pressure Outside The Machine (Pa)			160	150	180	160	170	150	255
Refrigerant Charge (kg)			2.3	3.1	3.1	5.3	6	6.5	6.5
Dimensions	Length	mm	1280	1280	1280	1660	1780	1780	1840
	Width	mm	1040	1040	1040	1040	1390	1390	1390
	Length	mm	875	875	875	1045	1045	1045	1045
Weight		kg	240	245	255	360	400	420	450

Naming rules:

Product naming rules

W R F 1 9 0

1 2 3 4 5 6

No. 1: W = rooftop air conditioner;

No. 2: R= heat pump;single cooling doesn't indicate;

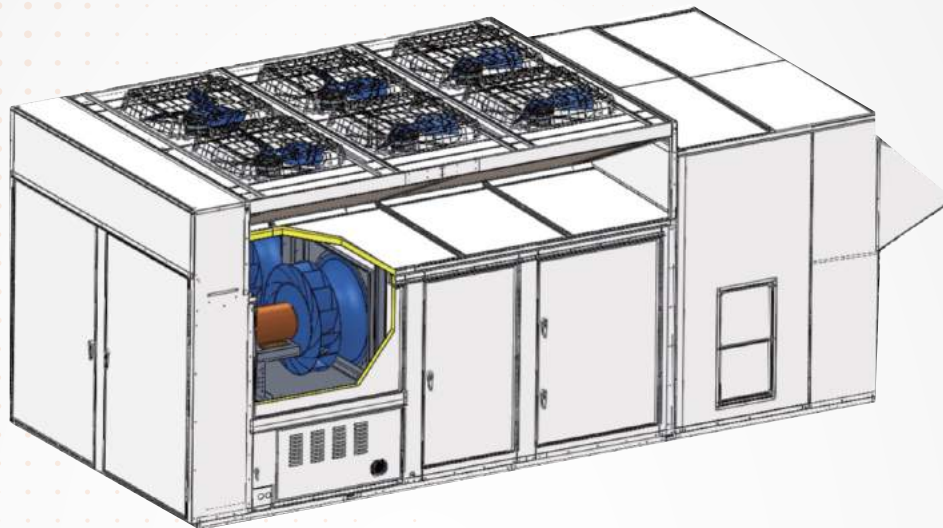
No. 3: F= wind cooling;

No. 4. 5. 6: refrigerating capacity When No.4, 5 is 0, it doesn't indicate;



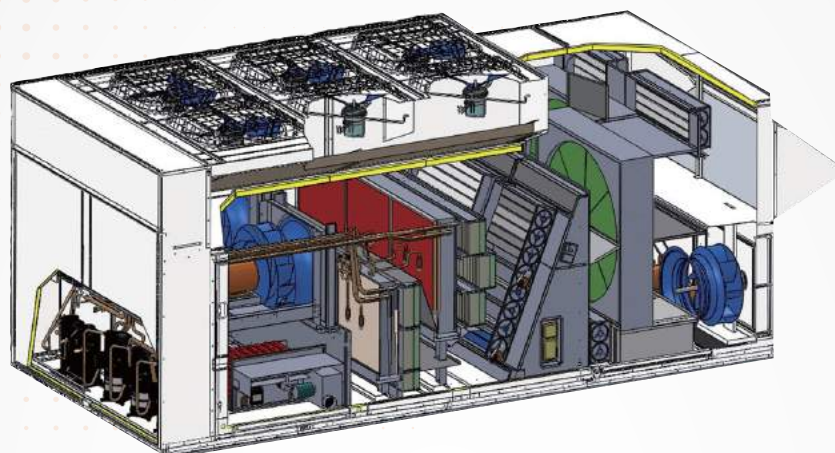
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WF28Z	WF30Z	WF32Z	WF36Z	WF42Z	WF48Z	WF55Z	WF64Z	WF72Z	WF88Z	WF104Z	WF120Z	WF140Z	WF170Z	WF190Z	WF220Z
28.8	29.9	32.4	35.6	41.6	47.2	53.2	63.3	71.4	87.2	103.1	118.8	140.7	169.8	188.5	226.8
31.1	32.3	34.6	38	44.6	50.2	56.4	67	75.6	93.3	109.5	126.8	152.9	179.9	203.6	242.7
380V/3Ph/50Hz				460V/3Ph/60HZ				380V/3Ph/50Hz				460V/3Ph/60HZ			
1				2				3				4			
380V/3Ph/50Hz				460V/3Ph/60HZ				380V/3Ph/50Hz				460V/3Ph/60HZ			
1	1	1	2	2	2	2	2	2	2	2	4	4	4	4	4
4700	5400	6300	6800	7900	9360	10440	12670	14400	16560	19440	22000	26030	31400	34900	42000
380V/3Ph/50Hz				460V/3Ph/60HZ				380V/3Ph/50Hz				460V/3Ph/60HZ			
Belt Pulley															
235	305	290	270	250	290	280	255	380	345	390	545	530	420	420	430
7	8.2	9	2x5.3	8+4.2	9+4.2	10.5+4.2	2x9	2x10	2x11.5	2x13.5	2x16	2x18	2x21.5	2x23	2x27
1940	2240	2240	2540	2540	2540	2490	2490	2840	2840	3410	4700	5200	5500	5800	5880
1390	1390	1390	1860	1860	1860	2050	2210	2210	2210	2210	2230	2230	2230	2230	2230
1045	1045	1045	1045	1195	1195	1390	1490	1510	1685	1810	1640	1640	1810	1810	2010
460	500	520	650	755	770	810	890	980	1160	1450	1910	2010	2280	2460	2530

Cabinet

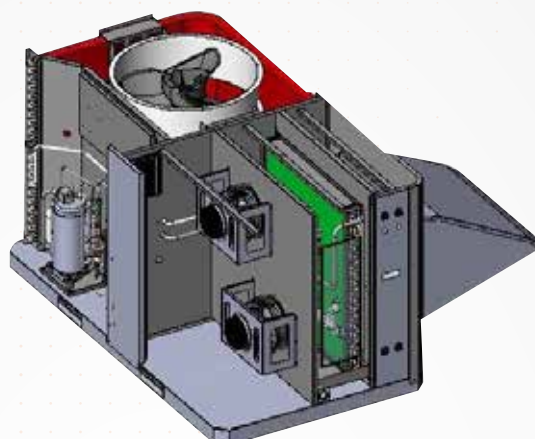


Features	Benefits
Cabinet is be constructed of double sheet G90 galvanized steel, pre-painted exterior galvanized steel panels durable enough to withstand a minimum of 2000 hours of salt spray application	Exterior paint holds up in corrosive environments
Pitched roof over air handler section	Prevents water leakage in cabinet, pooling water on top of cabinet, as well as paint wear
Thermal break in all door, roof and base panels	Eliminates degradation of the exterior cabinet due to sweating
Air infiltration (leakage rate) of 0.5% at 1 inch wg.static pressure	Reduces wasteful heating and cooling loss through the cabinet airstream, and improves energy efficiency
Static pressure up to 4 wg	Cabinet can operate at static pressure 4 wg on the fan outlet
Size optimized cabinet with up to a 30% reduction in unit length	Increases flexibility for new construction applications, reduced weight of unit
Single point fastening hinged access doors with a latching mechanism	Holds door open during service and prevents unsafe closure from wind
Factory rain and wind tested units	Ensures water and cabinet integrity
Units undergo ASTM D4169 level II factory shake tests and full shipping tests	Thoroughly tested structural integrity of cabinet helps ensure the unit arrives at the job site in top condition
Compressor, control cabinet, heater are designed with a separate chamber	Easy to maintain
Double wall construction (optional)	Quality construction enables ease of maintenance
Stainless steel drain pan (optional)	Prevents standing water under the evaporator coil
Airflow configuration (optional)	Downflow and horizontal airflow configurations available for application flexibility
Hinged access doors (optional)	Easy and fast access to critical sections of the unit

Refrigeration Piping



Features	Benefits
R-410A Refrigerant	HFC Refrigerant, factory charge R410A
DC inverter / variable speed compressors available in all tonnages	Capacity control delivers improved energy efficiency as well as more precise leaving air temperature control (+/- 1° F)
Electronic expansion valve	• Enables more accurate superheat reading and control • Provides a more consistent superheat setting that improves energy efficiency and compressor reliability • Adds compressor protection and reliability
Refrigeration pressure constantly monitored by a transducer	• Provides faster, more accurate readings that maximize efficiency of the refrigeration system • Monitors compressors in real time to ensure performance within reliable limits • Allows service technician to read system pressures at either the user interface or remotely through optional building automation system (BAS) • Provides loss of charge protection
Variable speed condenser fan (optional)	• Enables unit to start down at temperatures to 0° F and perate down to -10° F to while improving head pressure control at any ambient condition • Minimizes fan cycling and maximizes part load efficiency by closer control to minimum head pressure
Low ambient control (optional)	Provides refrigeration cooling in lower ambient Temp. to 0° F, improving the unit's operating range
Corrosion protected condenser coil that will withstand ASTM B117 salt spray test	Optimizes coil protection in more corrosive environments
Compressors located at the edge of the unit Discharge and compressor isolation valves	Reduces service time if repairs are needed
Double sloped evaporator coil drain pan (galvanized or stainless steel)	Prevents standing water, eliminating harmful bacterial growth



Features	Benefits
Convertible airflow design	All models are suitable for either bottom or horizontal duct connections. Models with factory installed power exhaust are suitable for bottom duct connections only.
Direct drive and variable speed fan solution	• No belts or sheaves to maintain or to clog filters • More efficient, higher static capability and improved acoustics relative to forward curve fans • Enables precision adjustments to output and/or capacity according to the building space requirements • Flexibility to achieve specific CFM requirements for the application
Tailored fan selection to meet unit application	Assortment of fan diameter and width options enable unit to meet customer's requirements -acoustics, performance, efficiency or cost
Fan motor design speed set in the factory	Ease of installation. Beltless design eliminates the need to adjust sheaves on site
• Variable frequency drive for each supply fan • Electromechanical bypass for supply fan variable frequency drive	System redundancy and improved serviceability from lighter components
Economizer operations, meets ASHRAE 90.1-2016 requirements (optional)	Enables use of outside air as an initial stage of cooling, reducing compressor run-time, resulting in lower energy consumption and longer unit lifespan
Damper leakage rate down to 4 CFM/sq. ft. with fault detection and diagnostics	Energy efficiency and code compliance(ASHRAE 90.1)
Air quality outside air measurement system (optional)	Controls the amount of outdoor air intake to accurately meet minimum fresh air requirements and energy-efficiency goals
Ventilation override mode (optional)	Flexibility to temporarily override airflow management during non-standard situations
Pre-evaporator and final filter rating up to MERV 14 with filter status available at the user interface (optional)	• Variety of options available to meet indoor air/filtration requirements • Filter status available at the user interface and/or building automation system (BAS) • Superior indoor air quality that meets ASHRAE170 Healthcare facility requirement
Outside air intake validation and testing includes rain with 40 mph wind	Reliable outside air intake solution

Electrical / Control Panel

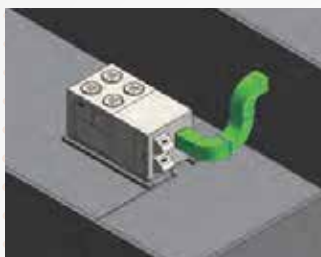


Features	Benefits
Wired and tested at the factory	Reliable unit startup
Intelligent control components and multiple control boxes in unit	Easier troubleshooting due to minimized wiring and localized connections
High and low voltage wiring is separated in the raceway	Improved safety during servicing; reduced potential for signal interference to controls
Variable frequency drives communicate via Modbus	Real time information available as the drive is connected directly to the building automation system
Exterior USB connection for controller access	Ability to access controller without opening the control panel
Power and control are in the main panel	The main panel that is manufactured to ensure protection against weather conditions.
IPX4 electrical panel	The panel is fitted with a main switch interlocked door that shuts off power supply when opening.
Embedded LCD Display (optional)	The board has a easy to read, built-in LCD display and easy to use navigation joystick and buttons allowing the user to quickly navigate the menus displaying unit status, options, current function, supply, return and outdoor temperatures, fault codes and other information.
Modular electrical component architecture	Standardized design simplifies service needs

1 Flexible duct connection type

A

Before the
air supply
Before the
fresh air



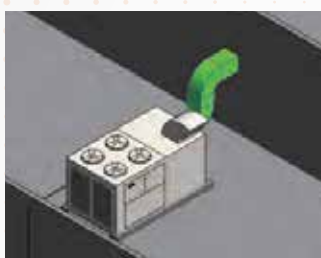
B

Before the
air supply
Side of the
fresh air



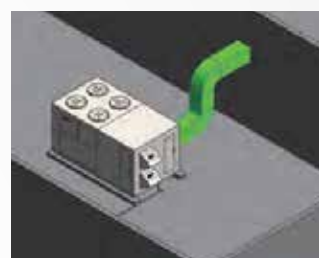
C

Before the
air supply
Top fresh
air



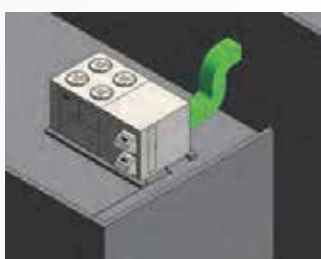
D

Side supply
air
Before the
fresh air



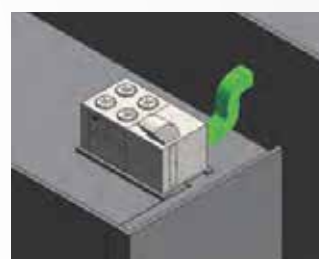
E

Side supply
air
Side of the
fresh air



F

Side supply
air
Top fresh air



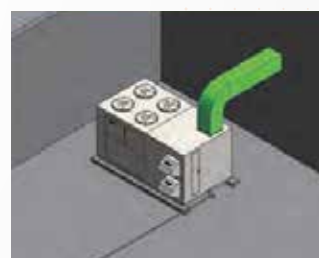
G

Top air
supply
Before the
fresh air



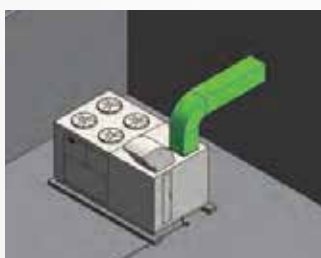
H

Top air
supply
Side of the
fresh air



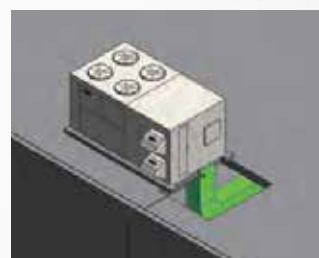
J

Top air
supply
Top fresh
air



V

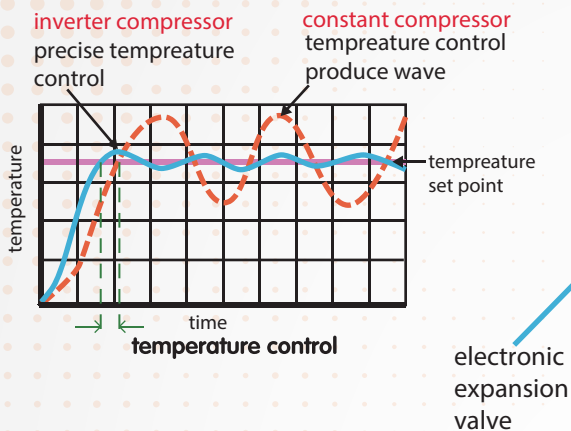
under floor
air supply
Side of the
fresh air



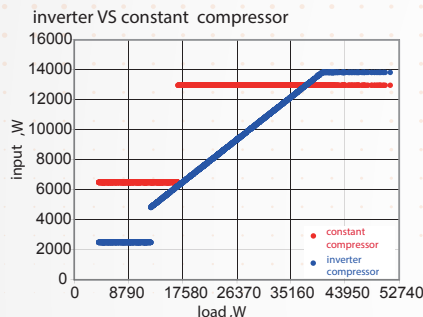
A variety of optional way of takeover, make Yi Long air conditioner can adapt to a variety of construction conditions. Whether indoor or outdoor, roof or ground, can be a good layout design .

2 Inverter Compressor

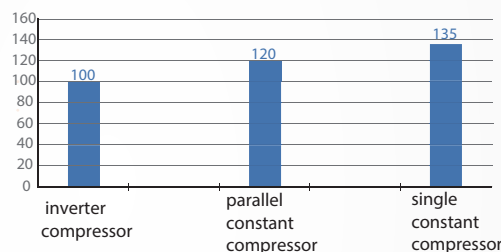
Quickly, precise and energy efficient supply air temperature control



Enhron 100% outside air rooftop unit use inverter compressor to control supply air temperature, and electronic expansion valve to control refrigeration flow. In part load, cop even can up to 4.2.



different model compressor consumption

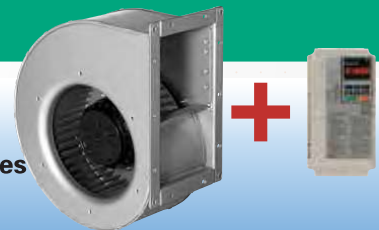


average consumption
can save

30%

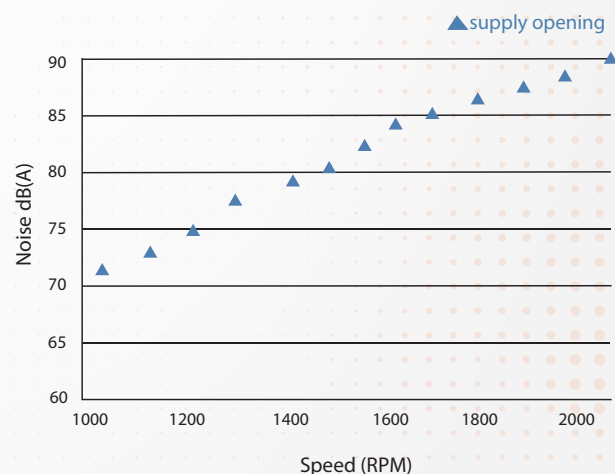
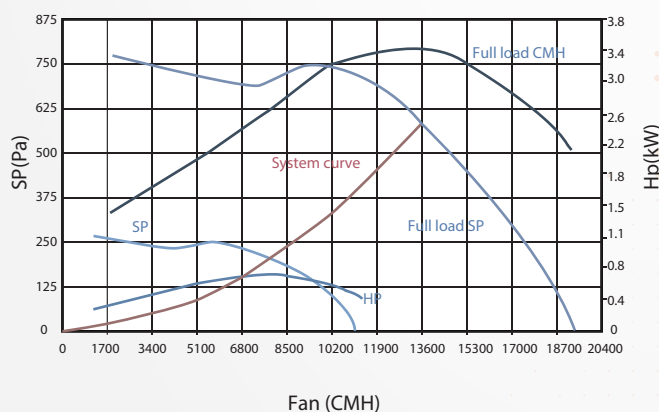
3 Frequency conversion blower

Enhron inverter supply fans allow precise airflow control and reduced power consumption. Inverter supply fans allow the fan to run only as fast as the space conditions require. Cutting the fan speed in half reduces the applied power to the fan motor by a factor of 8!



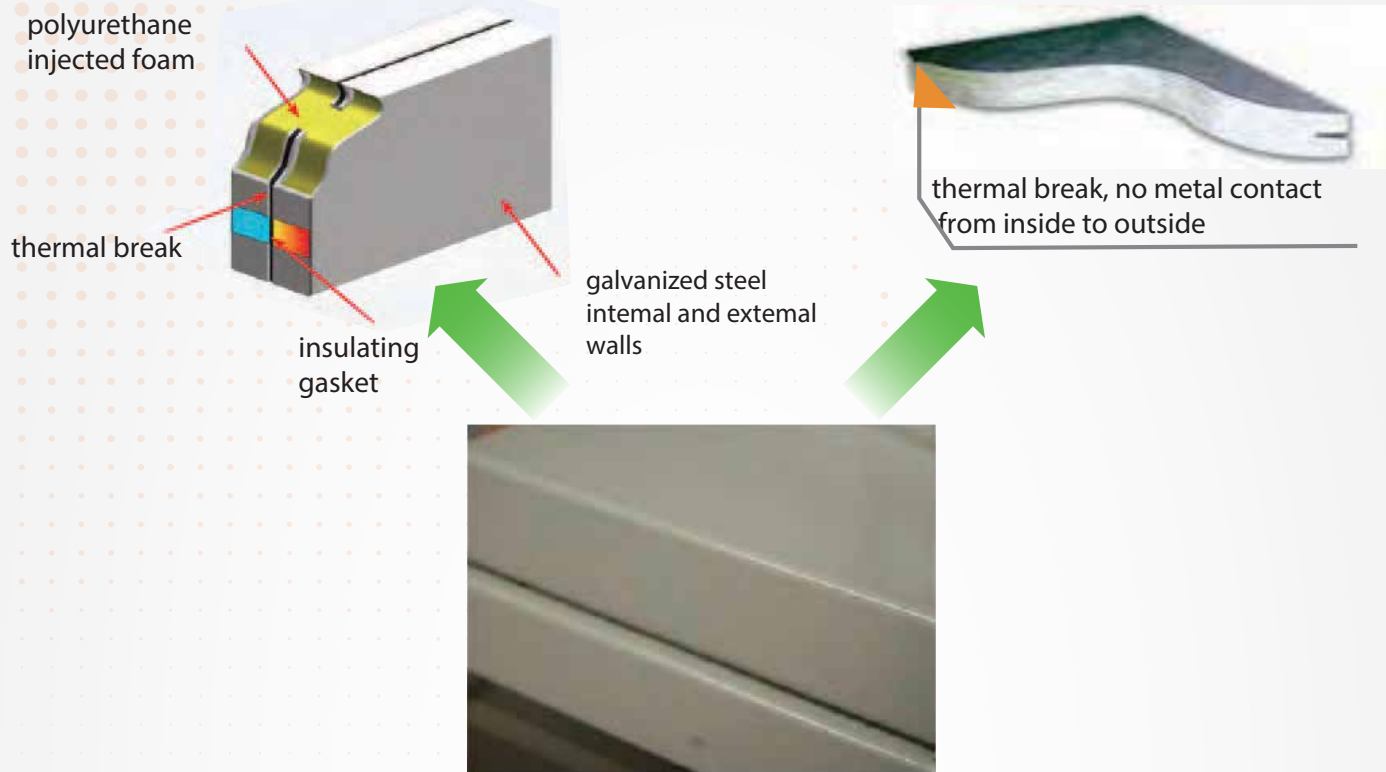
energy efficient inverter supply fan

low speed low noise



4 Foam Panel Cabinet

double wall rigid polyurethane foam panel cabinet construction

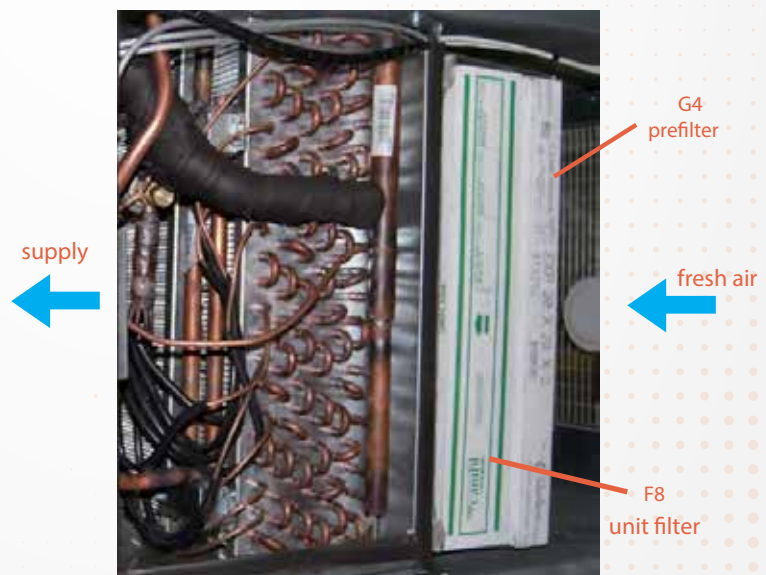


5 Pre、Unit Filter

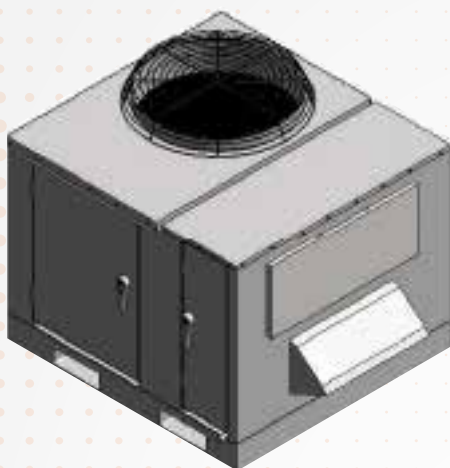
Pre+unit filter can produce high quality air filter



class	spec	efficiency
prefilter	G4	70%-90%
unit filter	F8	90%-95%



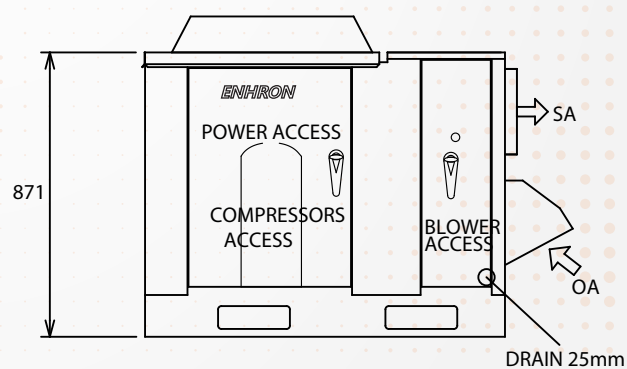
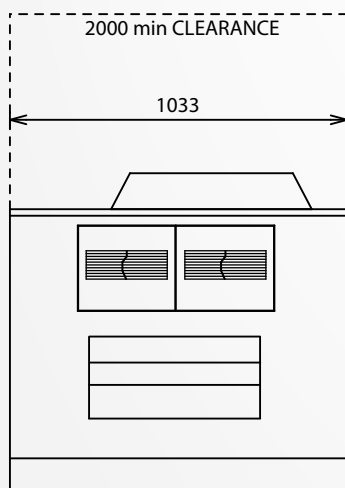
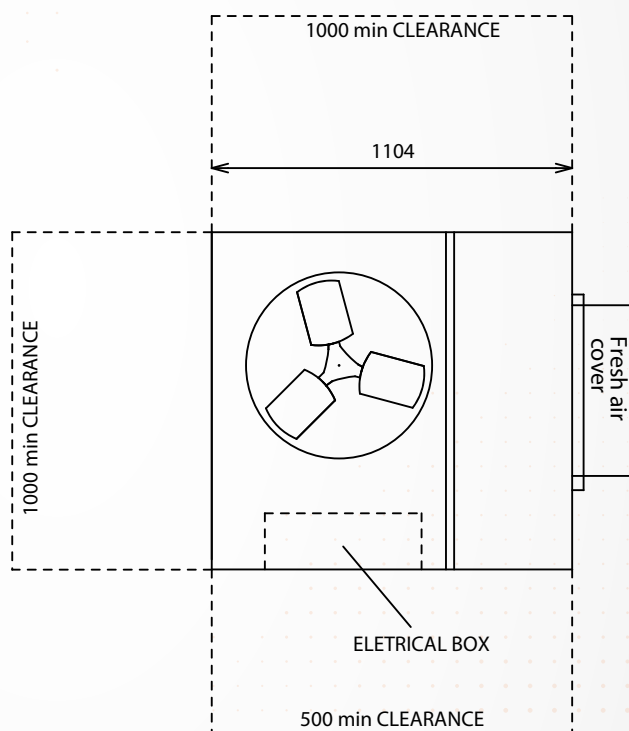
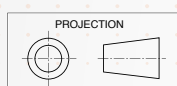
Parameter and Dimensions



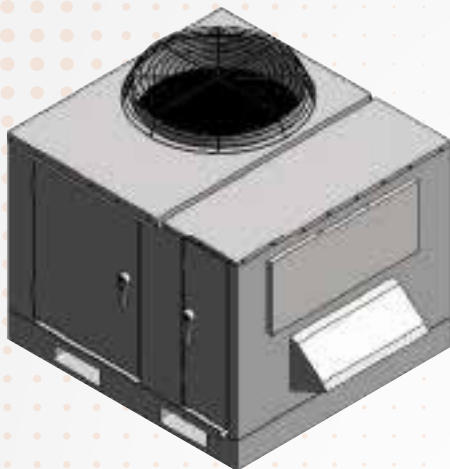
Model		5ERS(KM)0100
Cooling Capacity *1	kW	10.6
Heating Capacity *2	kW	6.6
COP (cooling)		2.92
Supply Air Flow	m ³ /h	800
Outside pressure	Pa	200
Sound Power Level	dB(A)	52
Dimensions:	Width	mm 1104
	Depth	mm 1033
	Height	mm 871
Weight	kg	172

5ERS(KM)0100

Dimensions (mm)



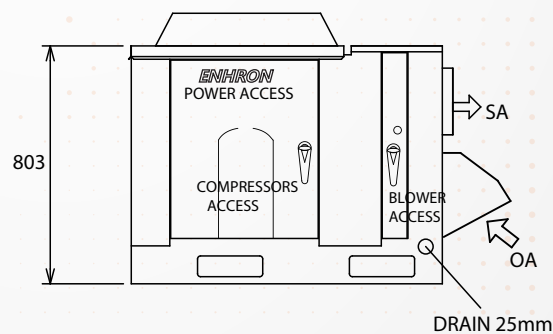
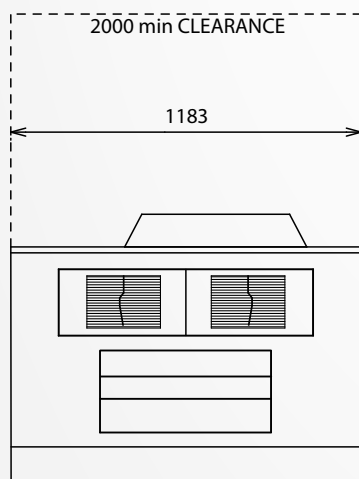
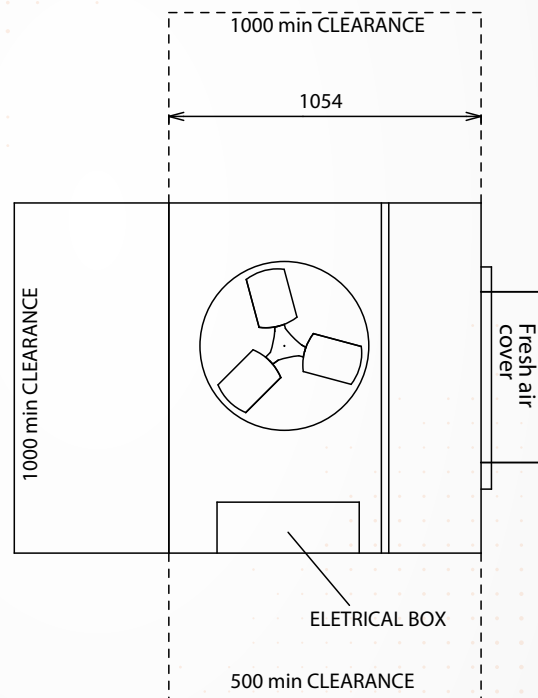
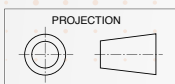
Parameter and Dimensions



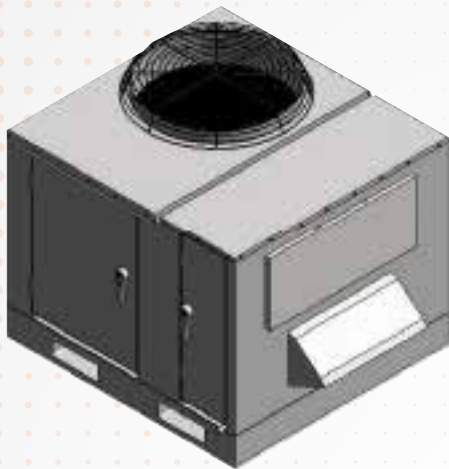
Model		5ERS(KM)0130
Cooling Capacity *1	kW	13.9
Heating Capacity *2	kW	8.6
COP (cooling)		3.01
Supply Air Flow	m ³ /h	1000
Outside pressure	Pa	200
Sound Power Level	dB(A)	54
Dimensions:	Width	mm 1054
	Depth	mm 1183
	Height	mm 803
Weight	kg	189

Dimensions (mm)

5ERS(KM)0130

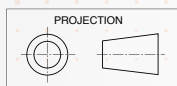


Parameter and Dimensions

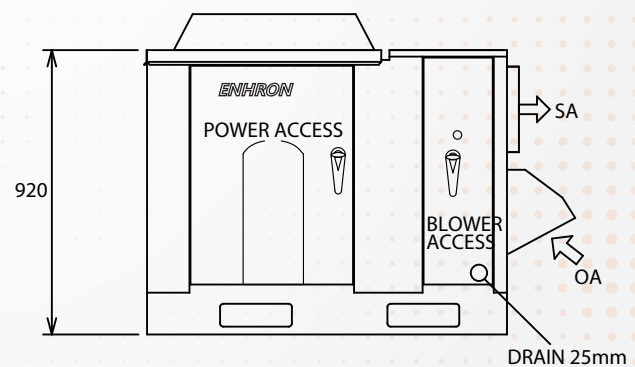
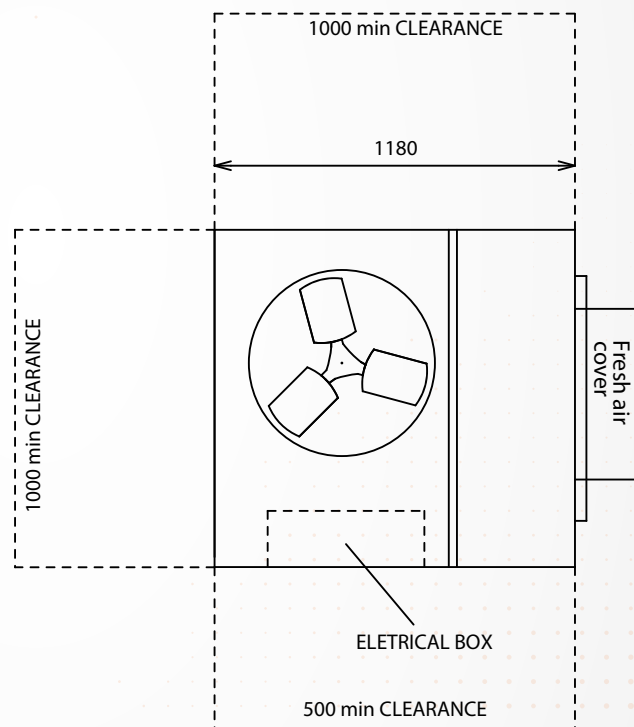
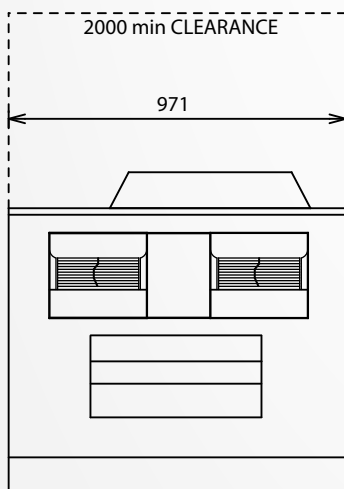


Model		5ERS(KM)0160
Cooling Capacity *1	kW	16.8
Heating Capacity *2	kW	10.4
COP (cooling)		2.95
Supply Air Flow	m ³ /h	1250
Outside pressure	Pa	200
Sound Power Level	dB(A)	54
Dimensions :	Width	mm 1180
	Depth	mm 971
	Height	mm 920
Weight	kg	219

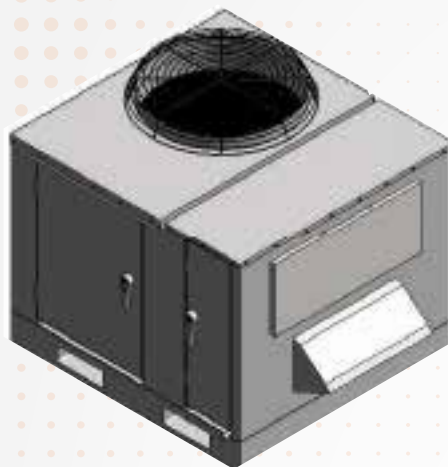
Dimensions (mm)



5ERS(KM)0160

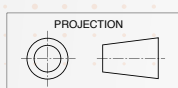


Parameter and Dimensions

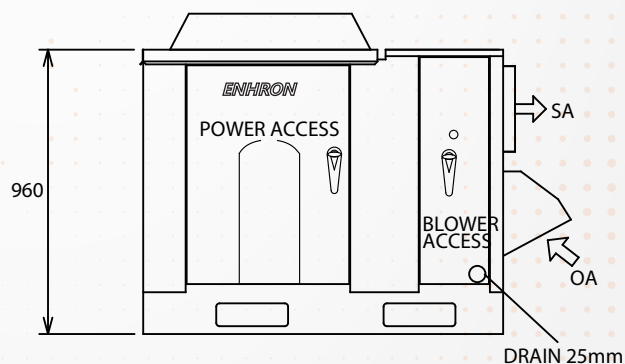
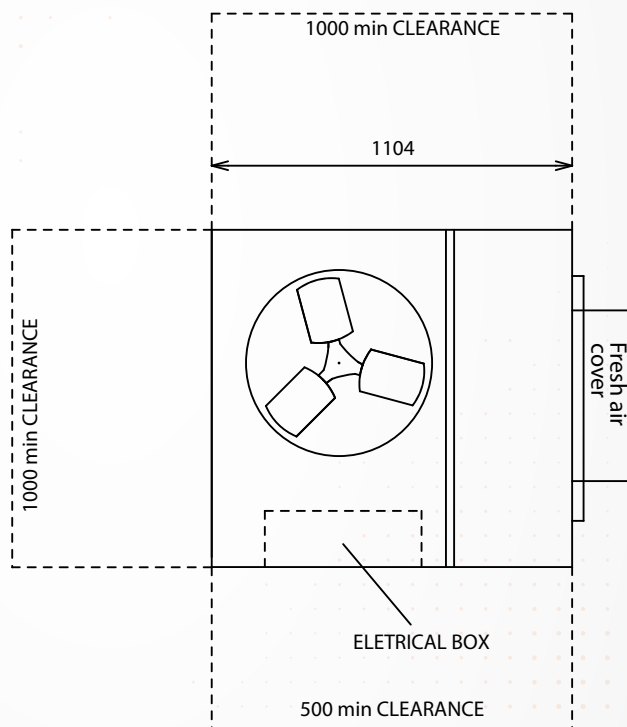
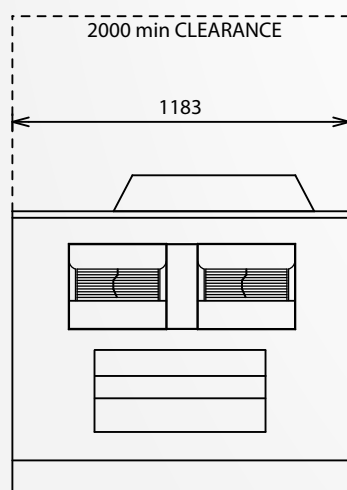


Model		5ERS(KM)0180
Cooling Capacity *1	kW	18.6
Heating Capacity *2	kW	11.5
COP (cooling)		3.05
Supply Air Flow	m ³ /h	1400
Outside pressure	Pa	200
Sound Power Level	dB(A)	56
Dimensions :	Width	mm 1104
	Depth	mm 1183
	Height	mm 960
Weight	kg	235

Dimensions (mm)



5ERS(KM)0180



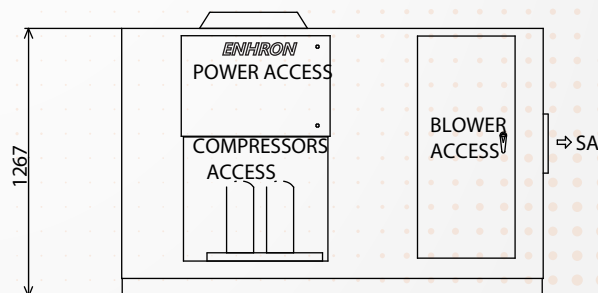
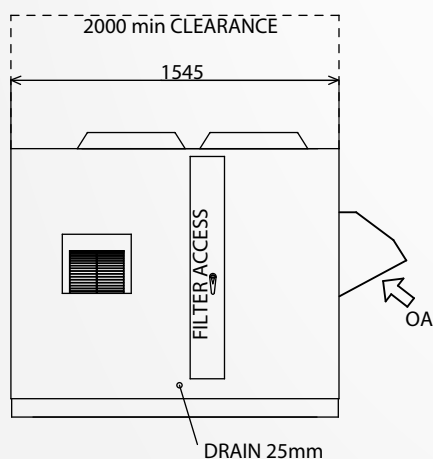
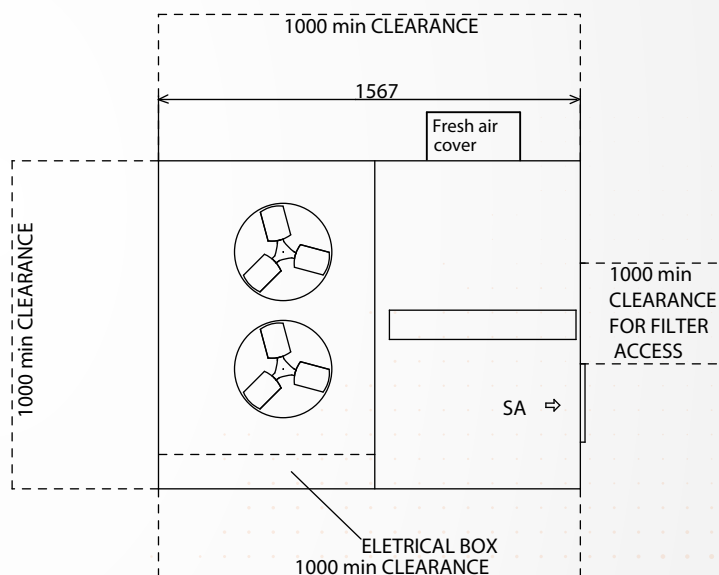
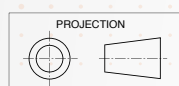
Parameter and Dimensions



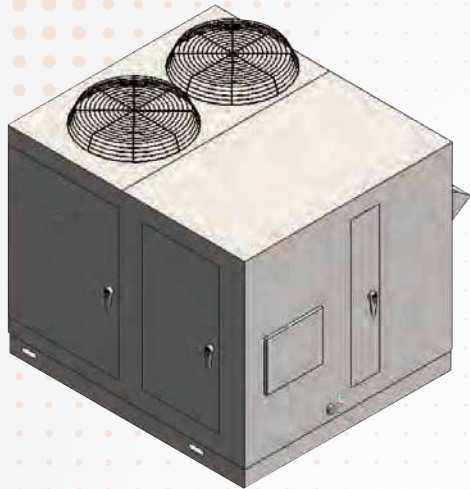
Model	5ERS(KM)0250	
Cooling Capacity *1	kW	23.5
Heating Capacity *2	kW	14.6
COP (cooling)		3.2
Supply Air Flow	m³/h	1800
Outside pressure	Pa	220
Sound Power Level	dB(A)	60
Dimensions :	Width	mm 1567
	Depth	mm 1545
	Height	mm 1267
Weight	kg	443

Dimensions (mm)

5ERS(KM)0250



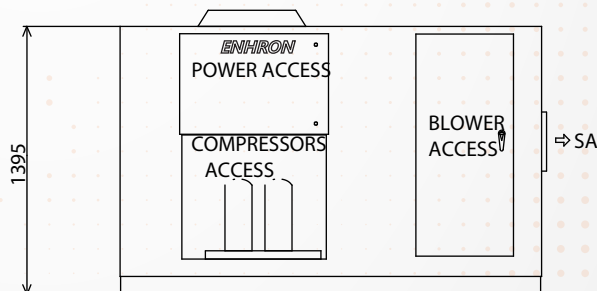
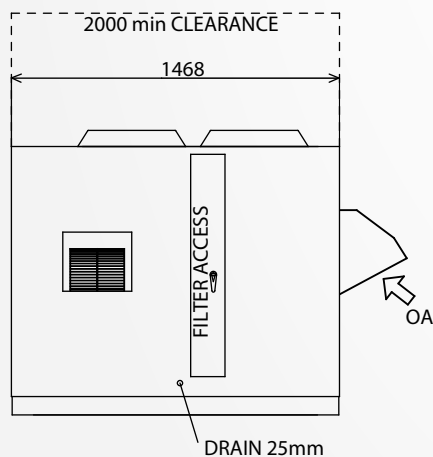
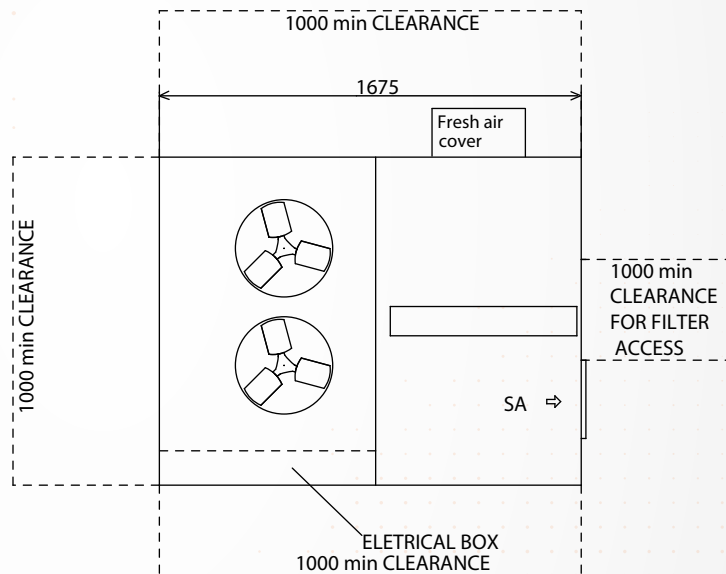
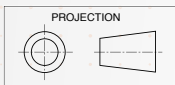
Parameter and Dimensions



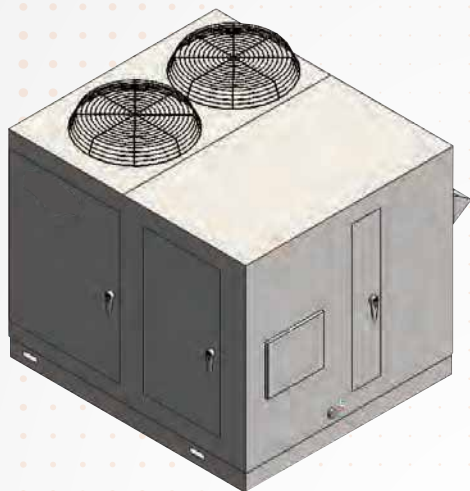
Model		5ERS(KM)0300
Cooling Capacity *1	kW	29.5
Heating Capacity *2	kW	18.3
COP (cooling)		3.12
Supply Air Flow	m³/h	2200
Outside pressure	Pa	220
Sound Power Level	dB(A)	63
Dimensions :	Width	mm 1675
	Depth	mm 1468
	Height	mm 1395
Weight	kg	560

Dimensions (mm)

5ERS(KM)0300



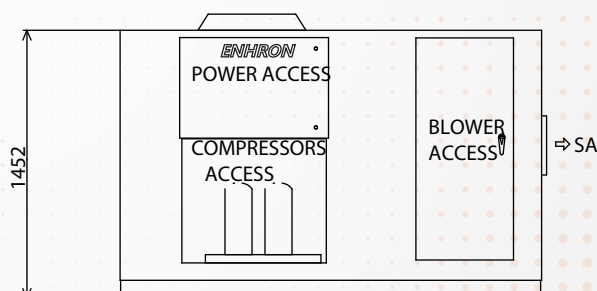
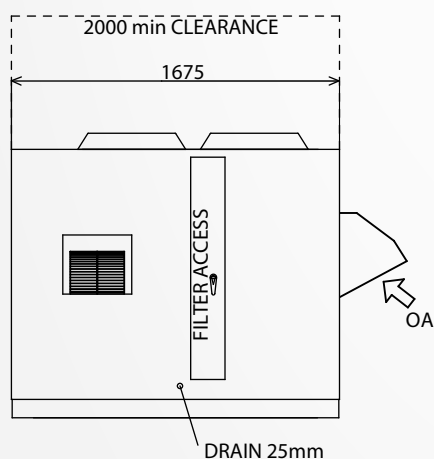
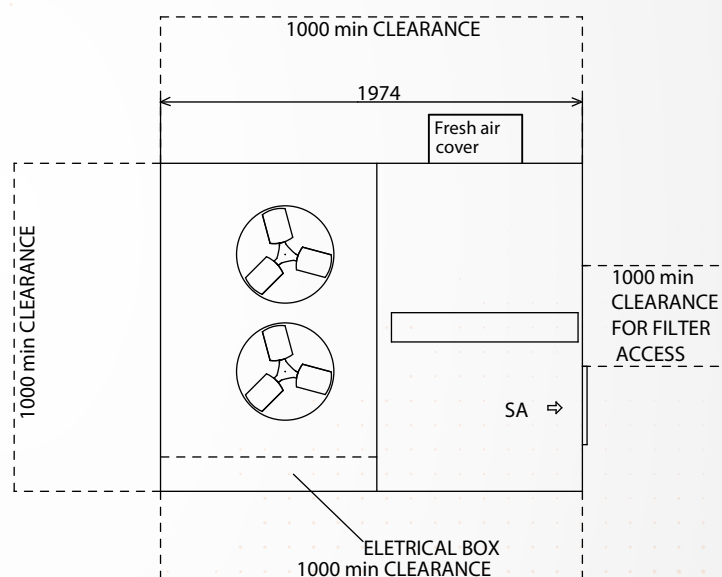
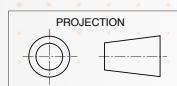
Parameter and Dimensions



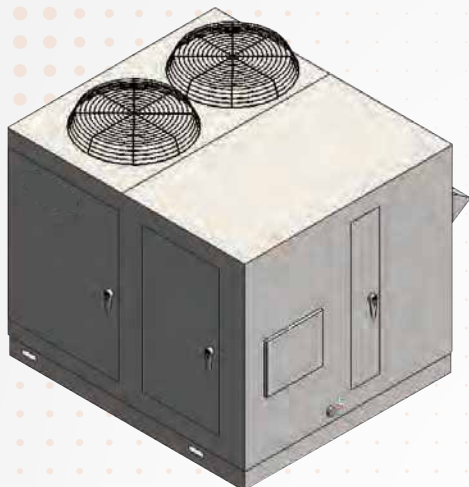
Model		5ERS(KM)0390
Cooling Capacity *1	kW	39.1
Heating Capacity *2	kW	24.2
COP (cooling)		3.15
Supply Air Flow	m ³ /h	3000
Outside pressure	Pa	250
Sound Power Level	dB(A)	64
Dimensions:	Width	mm 1974
	Depth	mm 1675
	Height	mm 1452
Weight	kg	662

Dimensions (mm)

5ERS(KM)0390



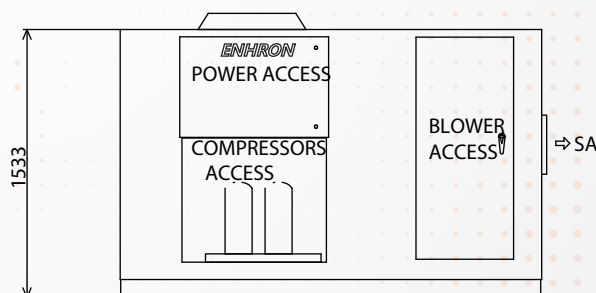
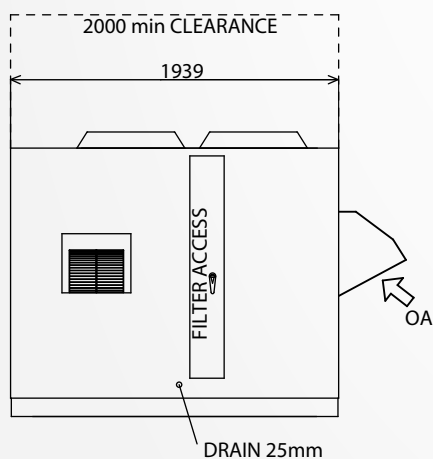
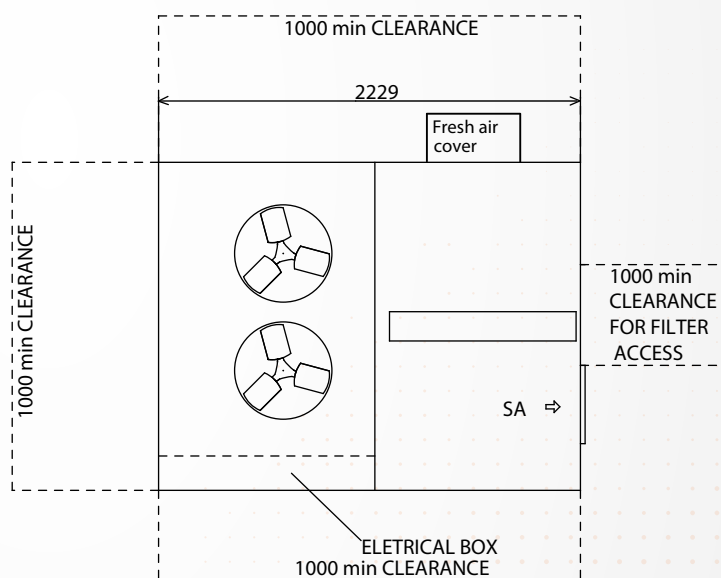
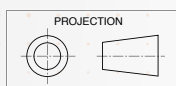
Parameter and Dimensions



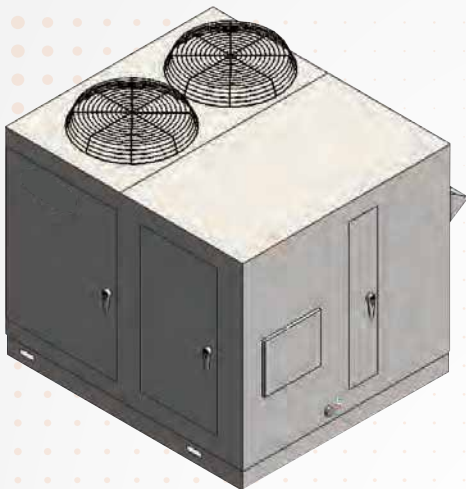
Model		5ERS(KM)0460	
Cooling Capacity * ¹	kW	46.7	
Heating Capacity * ²	kW	28.95	
COP (cooling)		3.10	
Supply Air Flow	m ³ /h	3500	
Outside pressure	Pa	250	
Sound Power Level	dB(A)	65	
Dimensions :	Width	mm	2229
	Depth	mm	1939
	Height	mm	1533
Weight	kg	800	

Dimensions (mm)

5ERS(KM)0460



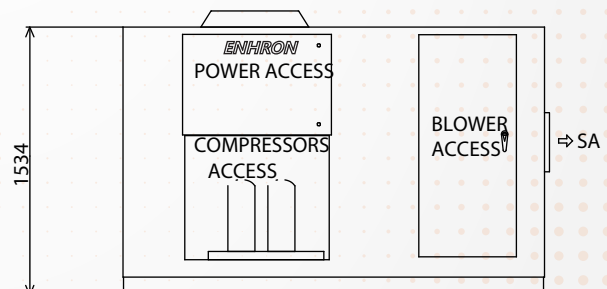
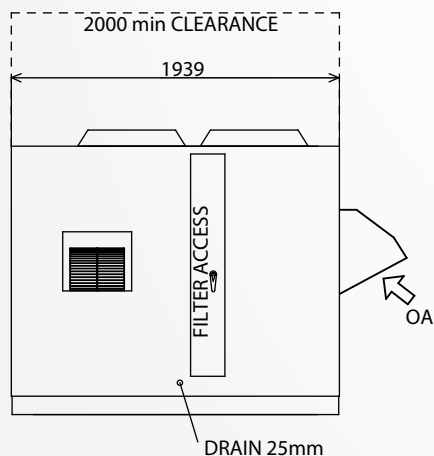
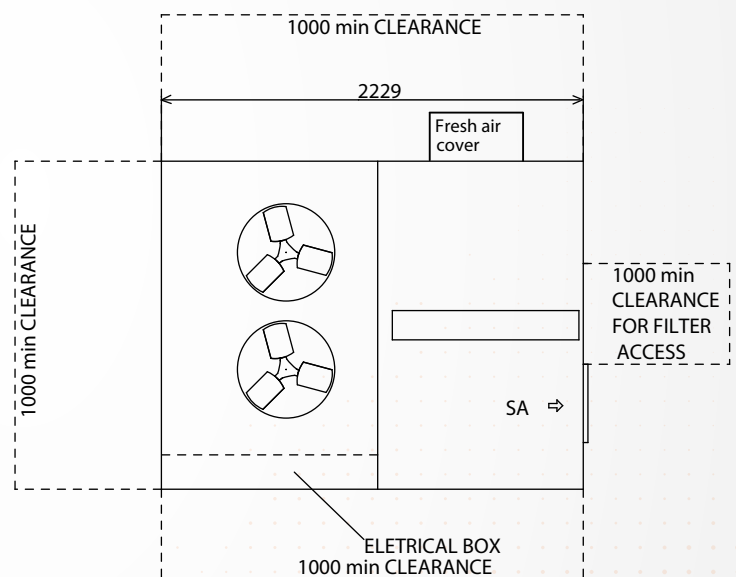
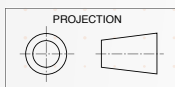
Parameter and Dimensions



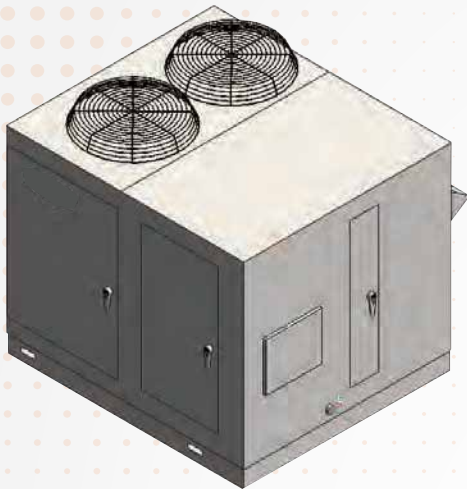
Model		5ERS(KM)0550
Cooling Capacity *1	kW	56.1
Heating Capacity *2	kW	34.8
COP (cooling)		3.05
Supply Air Flow	m ³ /h	4200
Outside pressure	Pa	250
Sound Power Level	dB(A)	66
Dimensions :	Width	mm 2229
	Depth	mm 1939
	Height	mm 1534
Weight	kg	851

Dimensions (mm)

5ERS(KM)0550



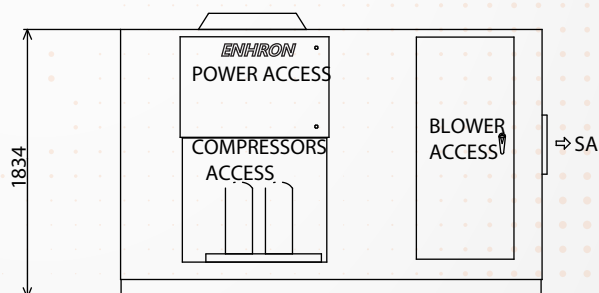
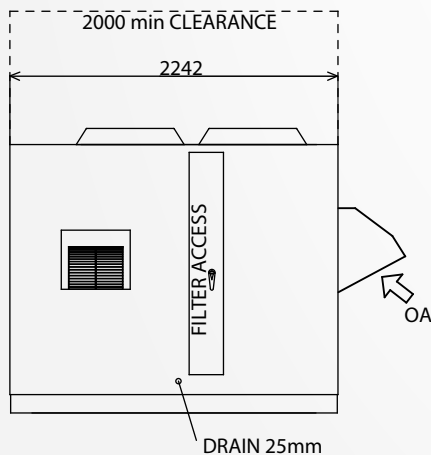
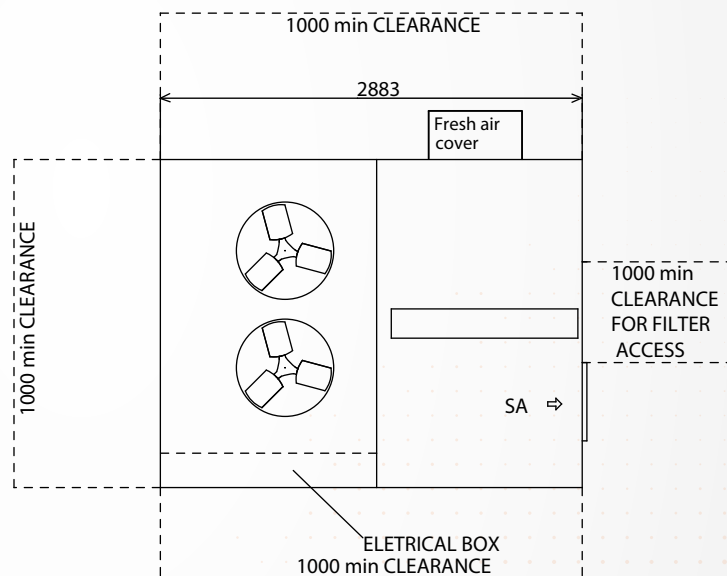
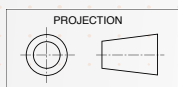
Parameter and Dimensions



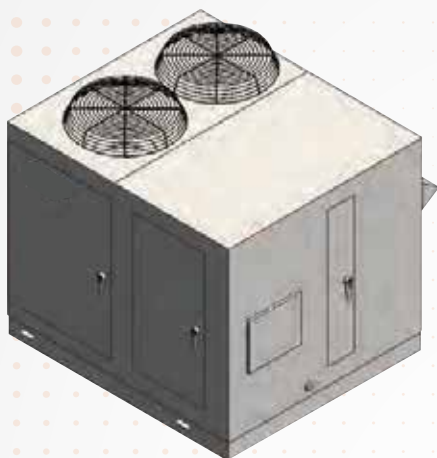
Model		5ERS(KM)0700
Cooling Capacity *1	kW	69.6
Heating Capacity *2	kW	43.2
COP (cooling)		3.17
Supply Air Flow	m ³ /h	5200
Outside pressure	Pa	270
Sound Power Level	dB(A)	67
Dimensions:	Width	mm 2883
	Depth	mm 2242
	Height	mm 1834
Weight	kg	1235

Dimensions (mm)

5ERS(KM)0700

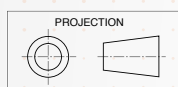


Parameter and Dimensions

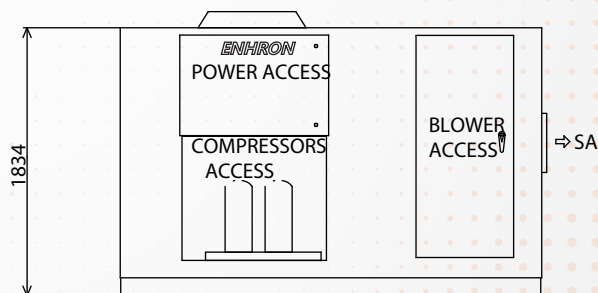
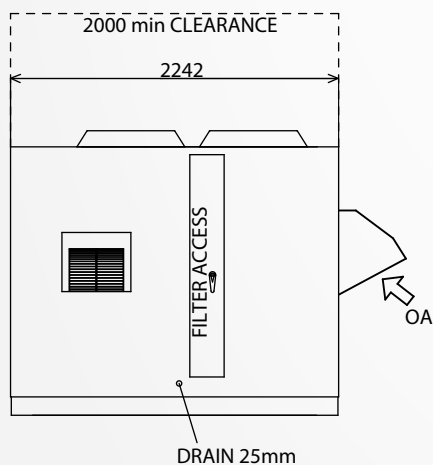
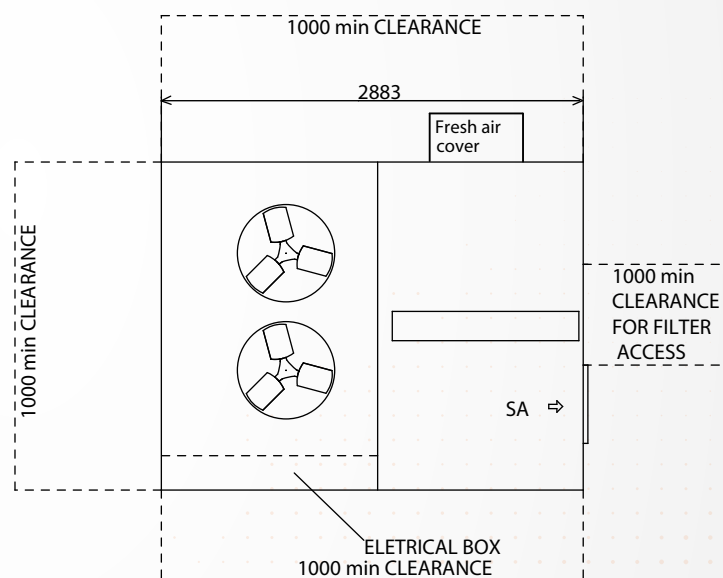


Model		5ERS(KM)0780
Cooling Capacity *1	kW	78.7
Heating Capacity *2	kW	48.8
COP (cooling)		3.14
Supply Air Flow	m³/h	5900
Outside pressure	Pa	300
Sound Power Level	dB(A)	68
Dimensions:	Width	mm 2883
	Depth	mm 2242
	Height	mm 1834
Weight	kg	1250

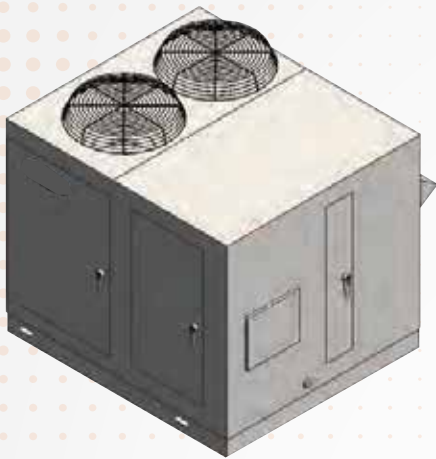
Dimensions (mm)



5ERS(KM)0780



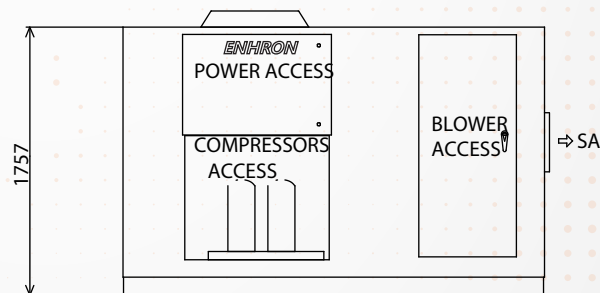
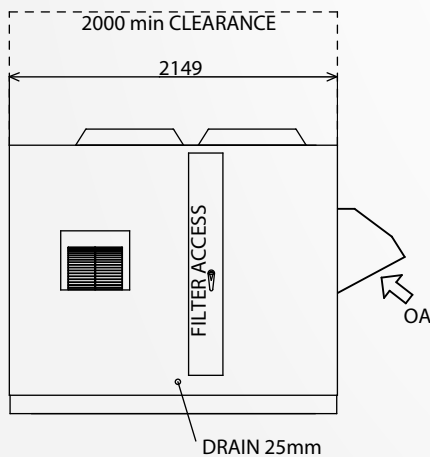
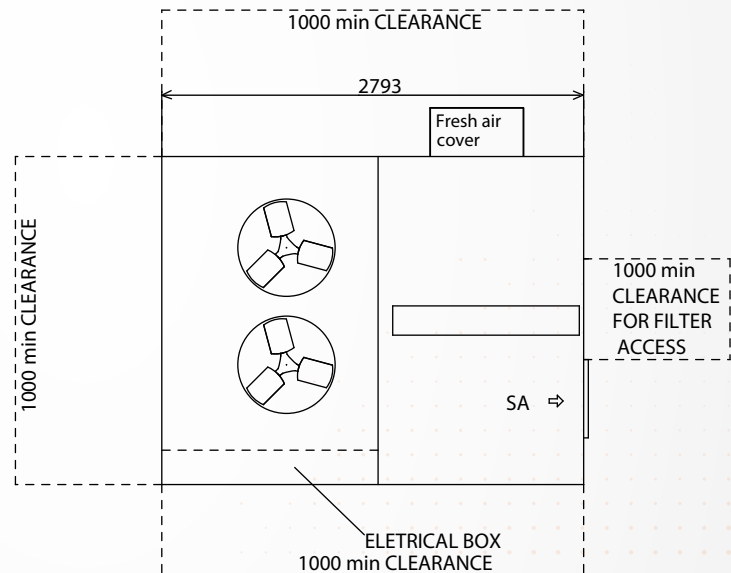
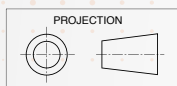
Parameter and Dimensions



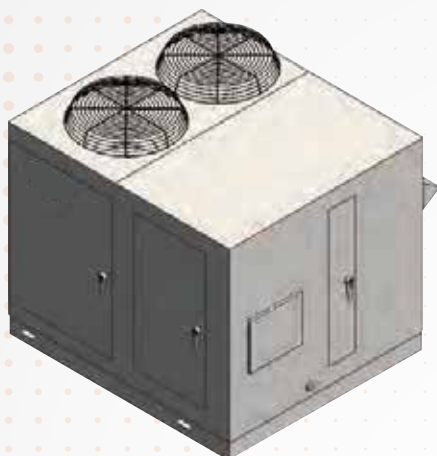
Model		5ERS(KM)0850
Cooling Capacity *1	kW	85.1
Heating Capacity *2	kW	52.8
COP (cooling)		3.04
Supply Air Flow	m³/h	6400
Outside pressure	Pa	300
Sound Power Level	dB(A)	69
Dimensions:	Width	mm 2793
	Depth	mm 2149
	Height	mm 1757
Weight	kg	1260

Dimensions (mm)

5ERS(KM)0850



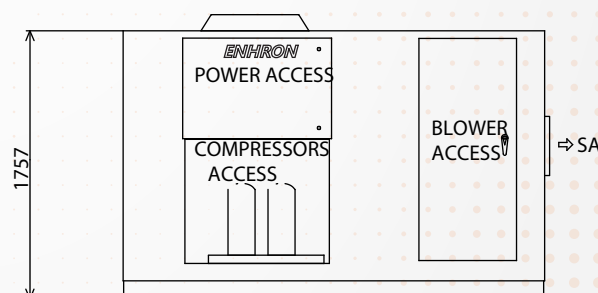
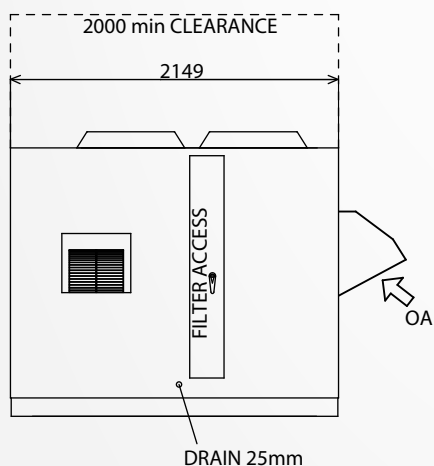
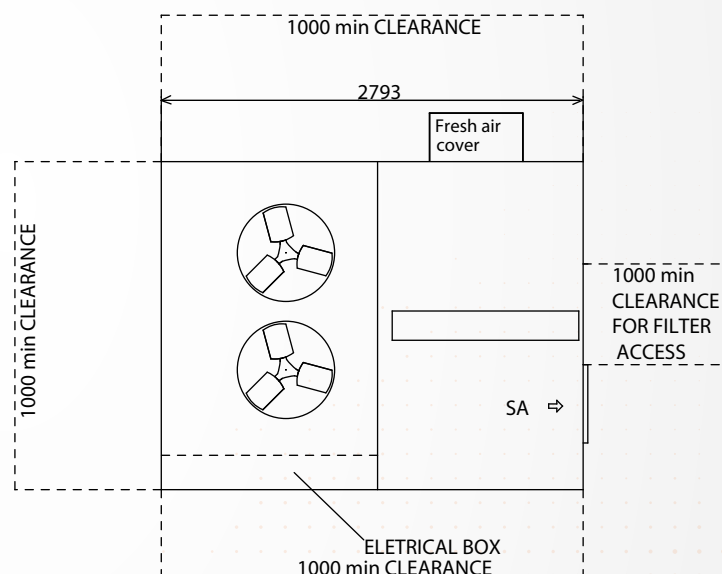
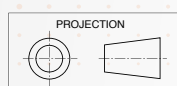
Parameter and Dimensions



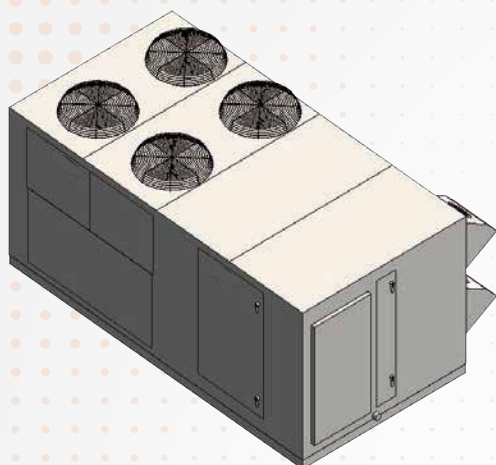
Model		5ERS(KM)0960
Cooling Capacity *1	kW	96
Heating Capacity *2	kW	59.5
COP (cooling)		3.05
Supply Air Flow	m ³ /h	7200
Outside pressure	Pa	300
Sound Power Level	dB(A)	71
Dimensions:	Width	mm 2793
	Depth	mm 2149
	Height	mm 1757
Weight	kg	1300

Dimensions (mm)

5ERS(KM)0960



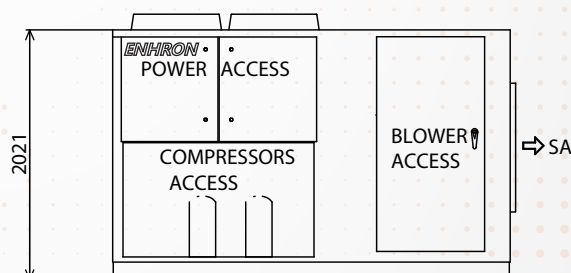
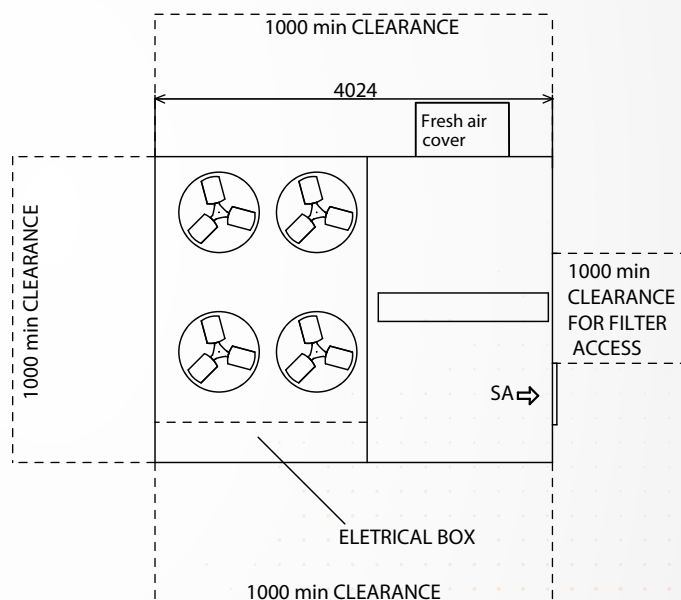
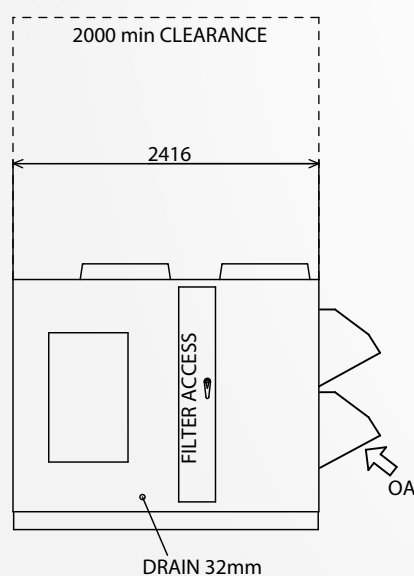
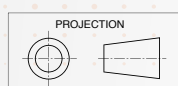
Parameter and Dimensions



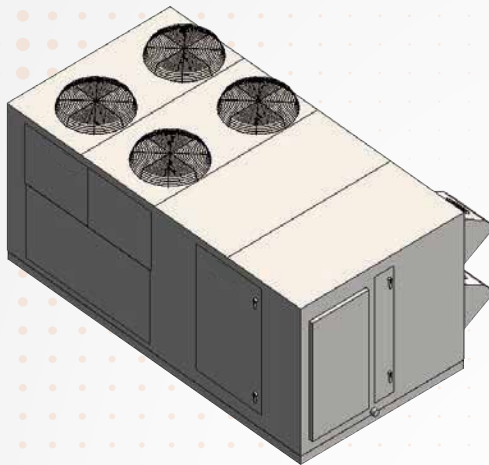
Model		5ERS(KM)1230
Cooling Capacity *1	kW	123
Heating Capacity *2	kW	76.3
COP (cooling)		3.01
Supply Air Flow	m ³ /h	9200
Outside pressure	Pa	320
Sound Power Level	dB(A)	73
Dimensions:	Width	mm 4024
	Depth	mm 2416
	Height	mm 2021
Weight	kg	1900

Dimensions (mm)

5ERS(KM)1230

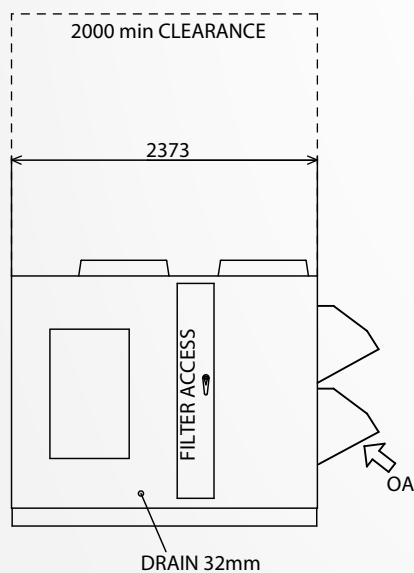
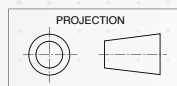


Parameter and Dimensions

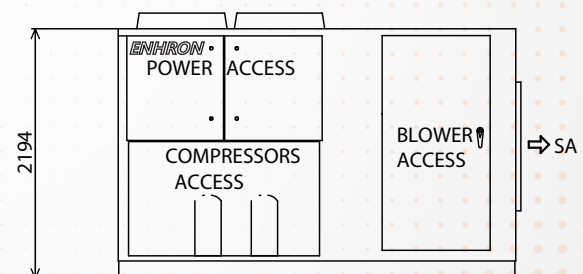
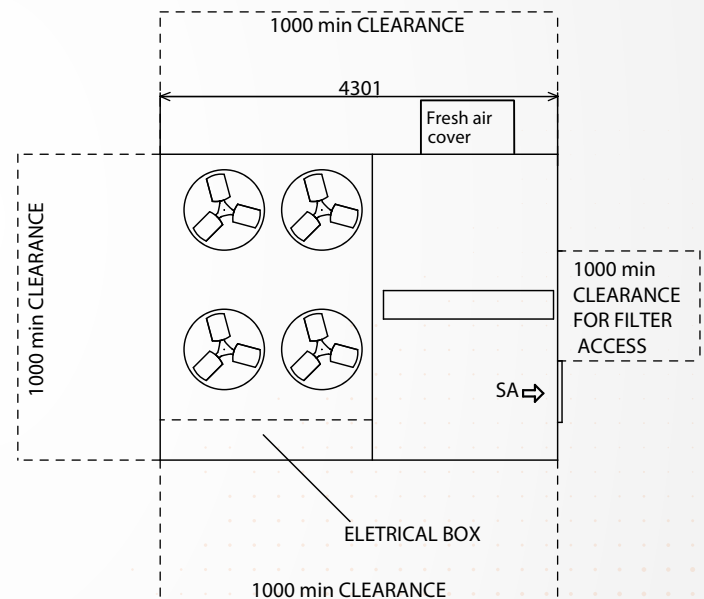


Model		5ERS(KM)1370
Cooling Capacity *1	kW	137
Heating Capacity *2	kW	84.9
COP (cooling)		3.1
Supply Air Flow	m ³ /h	10000
Outside pressure	Pa	320
Sound Power Level	dB(A)	73
Dimensions :	Width	mm 4301
	Depth	mm 2373
	Height	mm 2194
Weight	kg	2100

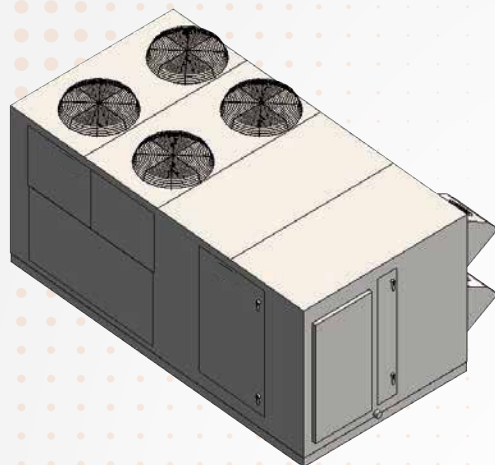
Dimensions (mm)



5ERS(KM)1370



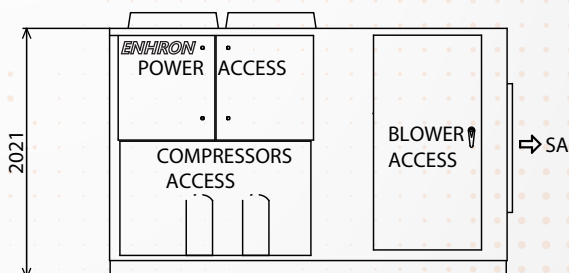
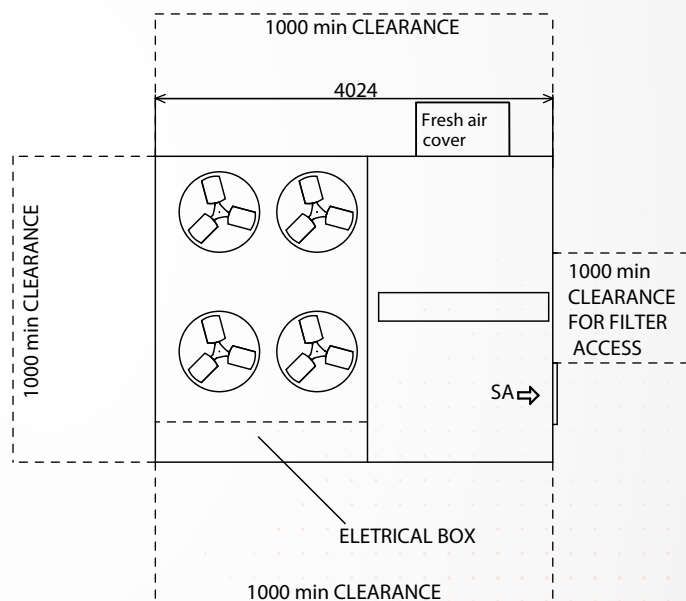
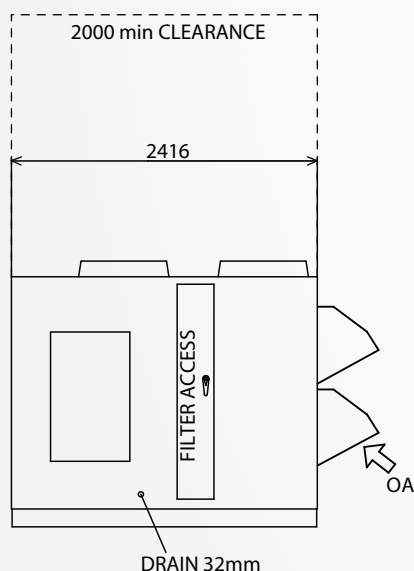
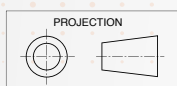
Parameter and Dimensions



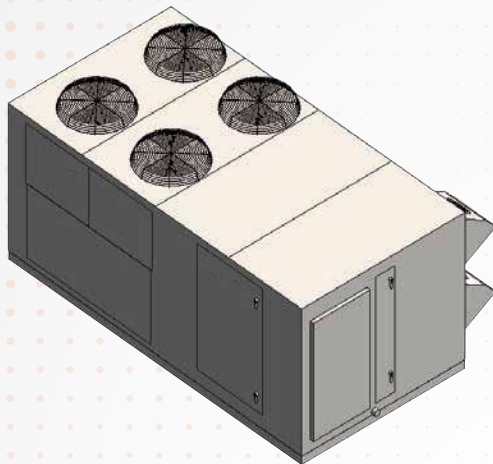
Model		5ERS(KM)1560
Cooling Capacity *1	kW	156
Heating Capacity *2	kW	96.7
COP (cooling)		3.12
Supply Air Flow	m ³ /h	11500
Outside pressure	Pa	350
Sound Power Level	dB(A)	75
Dimensions :	Width	mm 4024
	Depth	mm 2416
	Height	mm 2021
Weight	kg	2200

Dimensions (mm)

5ERS(KM)1560



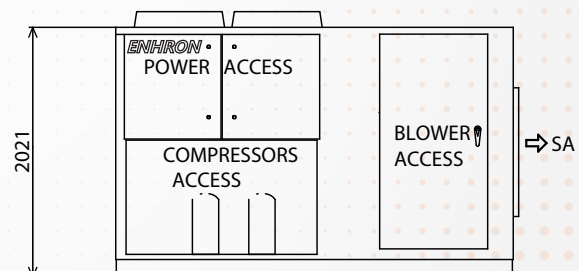
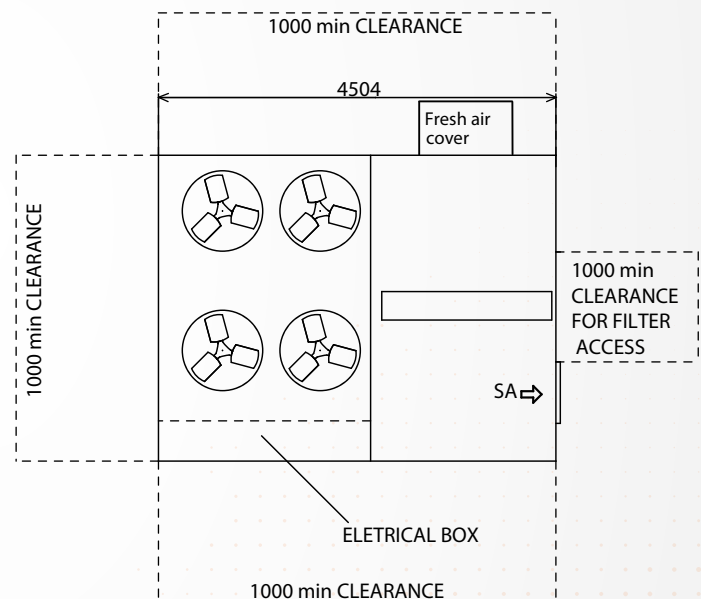
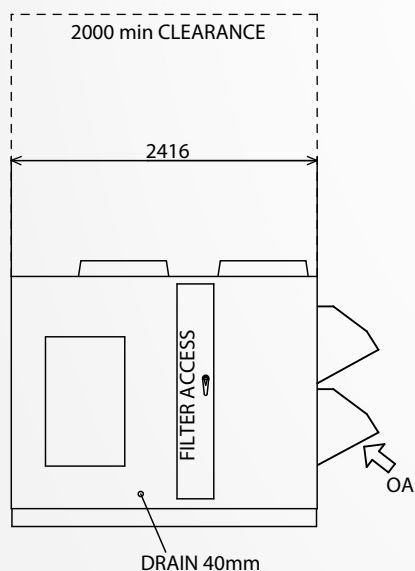
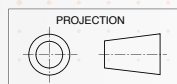
Parameter and Dimensions



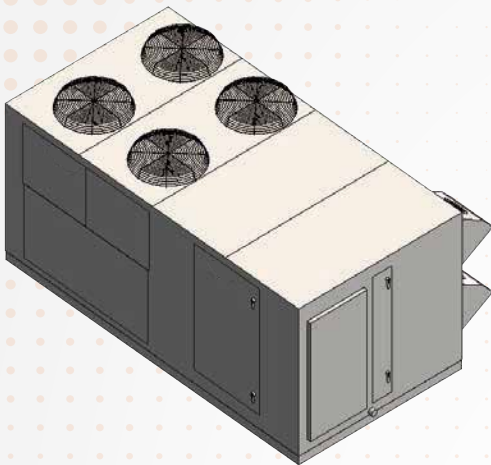
Model		5ERS(KM)1650
Cooling Capacity *1	kW	165
Heating Capacity *2	kW	102.3
COP (cooling)		3.06
Supply Air Flow	m ³ /h	12300
Outside pressure	Pa	350
Sound Power Level	dB(A)	77
Dimensions:	Width	mm 4504
	Depth	mm 2416
	Height	mm 2021
Weight	kg	2250

Dimensions (mm)

5ERS(KM)1650



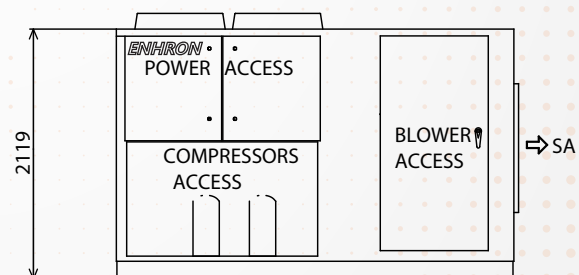
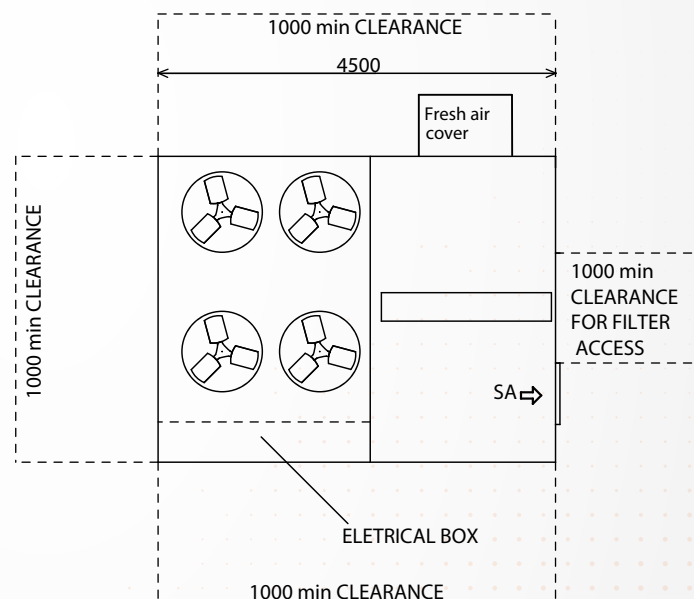
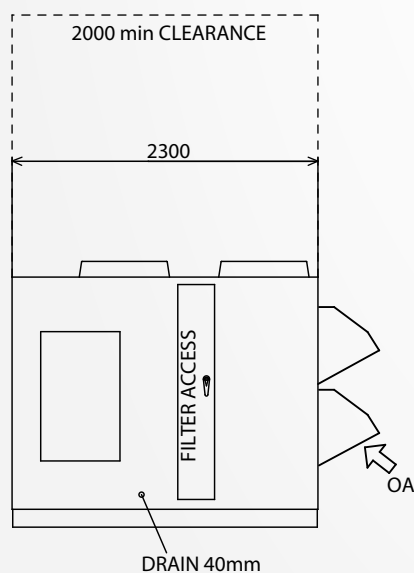
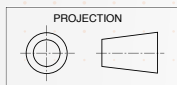
Parameter and Dimensions



Model		5ERS(KM)1800
Cooling Capacity *1	kW	180
Heating Capacity *2	kW	111.6
COP (cooling)		3.08
Supply Air Flow	m ³ /h	14000
Outside pressure	Pa	400
Sound Power Level	dB(A)	78
Dimensions :	Width	mm 4500
	Depth	mm 2300
	Height	mm 2119
Weight	kg	2500

Dimensions (mm)

5ERS(KM)1800



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