INVERTER

Rheem

The new degree of comfort®

COMFORTMASTER

AMERICAN BRAND TRUSTED QUALITY

HIGH EFFICIENCY
DUCTED INVERTER SERIES

R410A REFRIGERANT

Air | Air Conditioners
RVBL-RIBL Series

Rheem History

Rheem Manufacturing company was established in the USA in the mid-1920s when brothers Richard and Donald Rheem acquired a galvanizing plant in San Francisco, California. In the 1930s, Rheem began manufacturing water heaters, and by 1936 had achieved coast-to-coast distribution. During the 1950s, Rheem sensed a growing demand for central heating and cooling systems, so the company began investing in its HVAC products, including air-conditioners and furnaces.

Today, Rheem is the only North American manufacturer delivering innovative, energy-efficient air and water solutions to homes and businesses in more than 70 countries worldwide. From its Atlanta, Ga. headquarters, three U.S. manufacturing facilities, state-of-the-art distribution center and Advanced Technology Integration (ATI) Lab, Rheem designs, builds and supplies some of the most reliable, environmentally responsible and technologically advanced products in the industry. Under the “One Rheem Quality” promise, every Rheem product built anywhere in the world is held to the same high standards of excellence.

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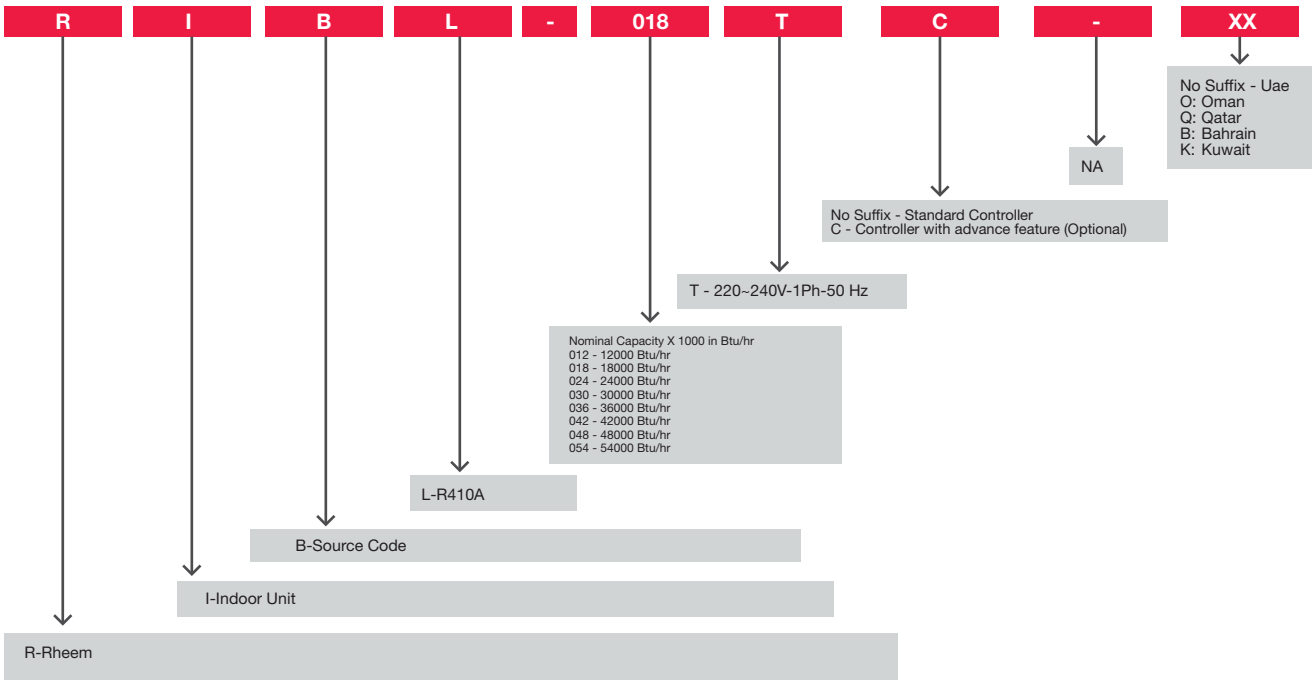
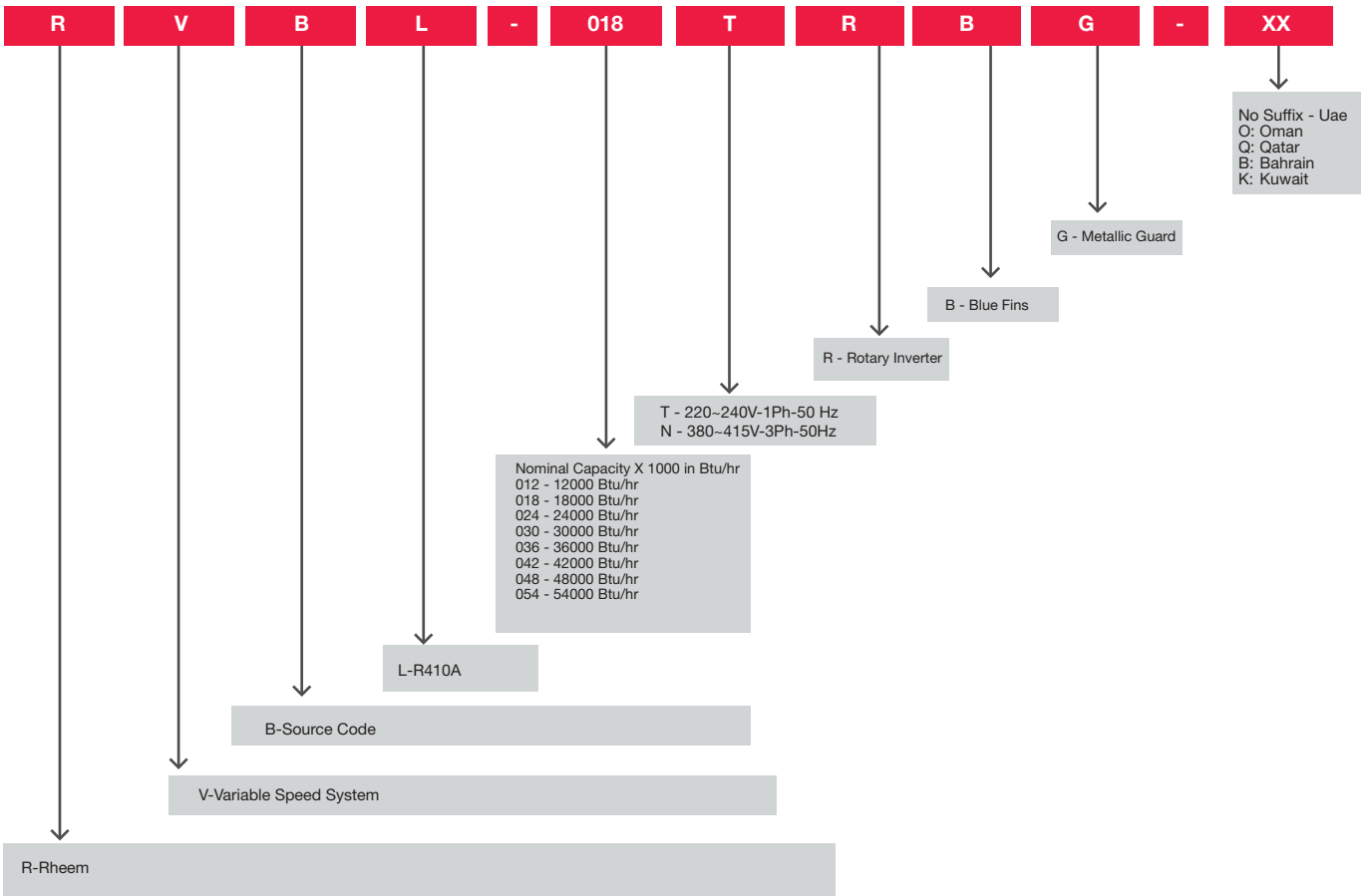
NOMENCLATURE

Outdoor Unit:



Indoor Unit:

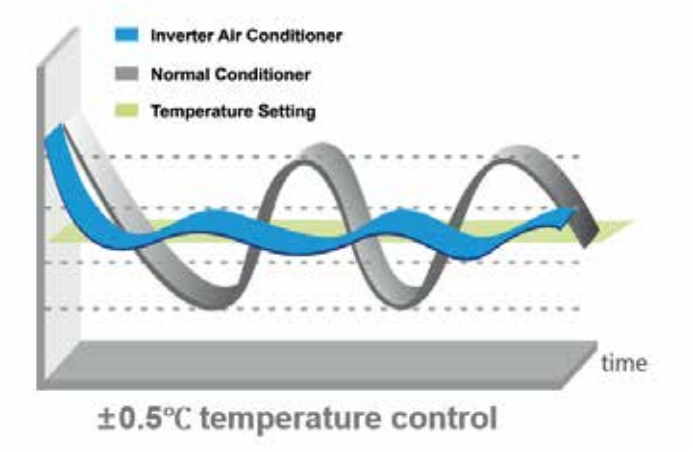


What is an Inverter air Conditioner and How does it work?

A conventional air conditioner or so called ON/OFF or non inverter units operates at a fixed speed. It delivers a fix amount of cooling or heating capacity based on fix speed of the compressor. Irrespective of the temperature difference between set and actual, compressor runs at full speed and delivers fix capacity. Once room set temperature is achieved compressor has to stop completely and again re-start after actual temperature goes above the set. This cycle of ON/OFF continues and room temperature goes up and down in a sinusoidal wave form continuously.

An Inverter air conditioners on the other hand uses DC inverter compressor. DC inverter is an advanced technology used in the air conditioning industry to achieve higher degree of user comfort and to save more energy from the air conditioner. DC Inverter compressors can increase or decrease the compressor speed and hence deliver the cooling based on requirement of the space to be air conditioned.

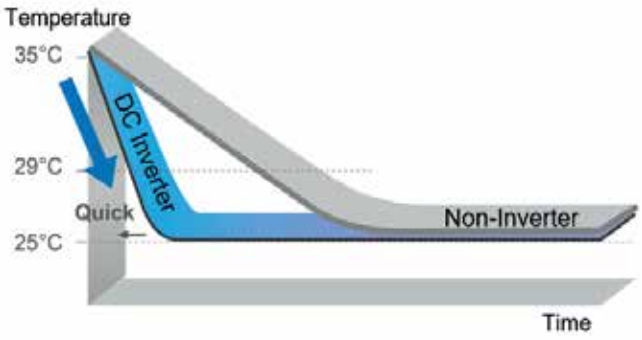
Rheem's Inverter air conditioner's comes with a smart intelligent controls which can identify the cooling requirement in the room automatically and adjust the compressor speed accordingly. I addition to adjustable speed compressor, Rheem uses electronic expansion valve.



Faster Cooling

In addition to adjustable DC inverter compressor Rheem also uses smart electronic expansion valve.
Electronic expansion valve is again controlled by the smart controller to maintain the accurate quantity of refrigerant mass flow rate based on the cooling demand. EEV work in 500 different steps, based on the cooling demand intelligent controller will give signal for the accurate opening of the EEV.

This simultaneous control of the DC inverter compressor speed along with electronic expansion valve opening gives faster cooling and precise control over the room temperature. This also saves the energy consumption greatly compared to fix speed air conditioner. Any sudden fluctuation in the room will be sensed by the smart controller and accordingly inverter air conditioner will adjust to achieve the set temperature



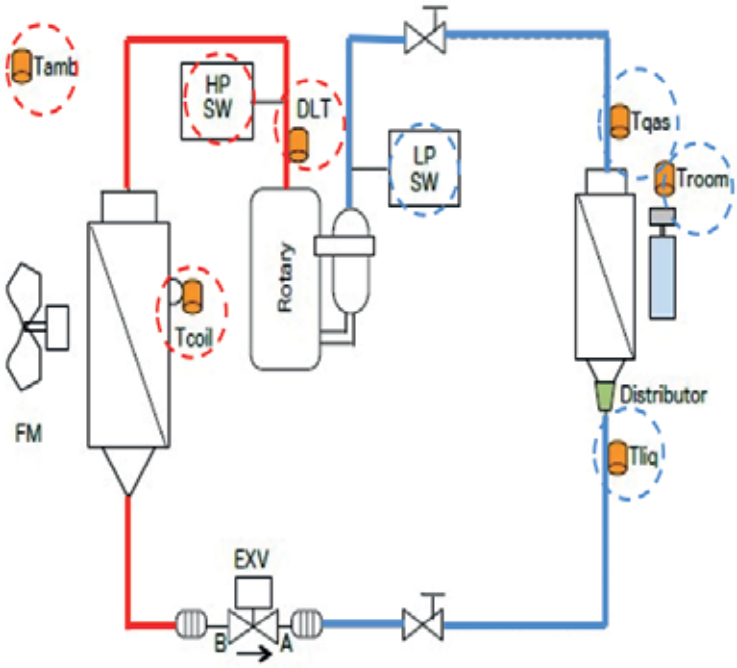
Additional Advantages of Rheem Inverter technology

- Lower Running Cost resulting in lower energy bills
- High Reliability
- Precise Temperature control
- Faster Cooling
- Better Humidity Control
- Quiet Operation
- Low Starting Current

Why Rheem Inverter is special?

Rheem's Inverter system is coming with lot of additional system protection and pressure / temperature sensors.
These additional sensors helps smart controller to adjust the compressor speed and maintain the constant room temperature. It also increases the reliability of the compressor and over all system by constantly monitoring the system parameters.

The available system protections are as mentioned below.



System Protections

- High Pressure Protection
- Low Pressure Protection
- Frozen Coil Protection
- High discharge temperature Protection
- High Condensing temp Protection
- IPM Protection for drive
- Over Current Protection
- Over load Protection

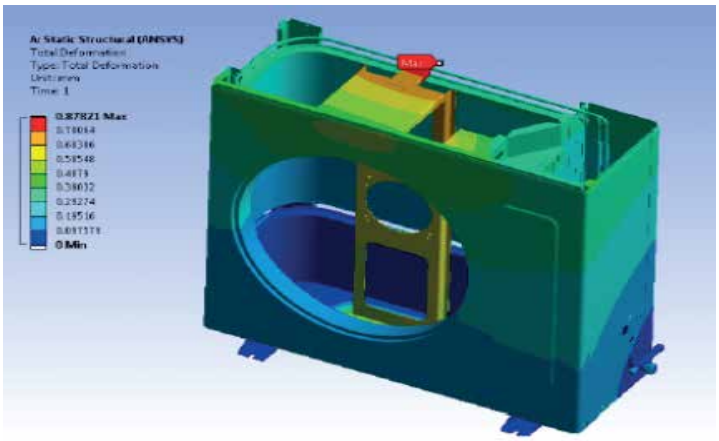
Rheem Inverter units uses special liquid PCB cooling technology.The PCB is well cooled by the liquid refrigerant ensuring that the system operates steadily even at high ambient conditions in GCC area.
By cooling down the PCB through refrigerant it is ensured that the frequency limit of the inverter compressors is relaxed so that the output capacity of the unit will be higher than conventional inverter products during high ambient situations.

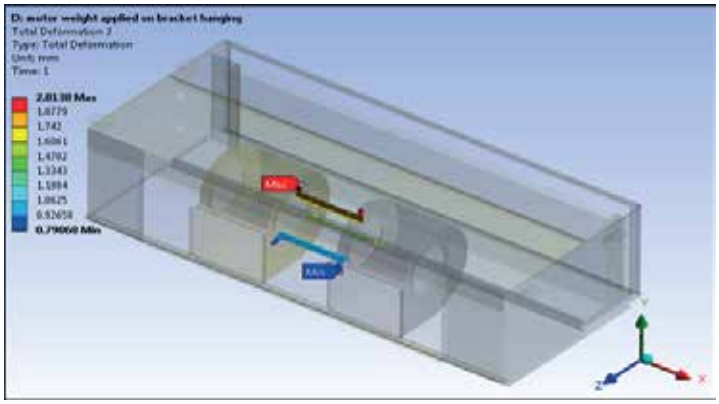
"Refrigerant Cooled"
Drive for better cooling at high ambient and reliability

Structural Design Validation

Rheem's Inverter system is specially designed using CFD analysis to ensure maximum air flow and minimum pressure drop. This robust design makes the system function efficiently even under higher ambient conditions as well as low ambient conditions. System design and component design by CFD analysis helps reducing the overall vibration level and noise level of the unit. This also provides a high structural strength and robustness to the unit.

The heat exchanger compartments are designed to ensure uniform air flow without any obstruction. This ensures efficient heat exchange and results in high efficiency. The copper tubes are inner grooved for high heat transfer. Specifically designed louver fins enhances the performance by around 6~7%





Finite Elements Analysis

Rheem's Ducted system is fitted with Inverter compressors run at various compressor speeds to regulate capacities to suit actual load requirements. These variations in speed result in vibration of the copper pipe fittings.
Hence, It is important to have a reliable and tested piping load design in the outdoor unit. In the Rheem's Ducted Inverter series, Piping layers are created using Finite Element Analysis (FEA). This ensures reliability and trouble free performance under various load conditions.

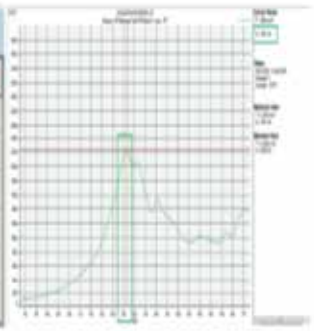
Above scientific design methods followed by the detailed testing makes Rheem's Ducted Inverter system more robust, reliable and trustworthy to sustain in high ambient environment of GCC.

Discharge Tube

Tabular Data

	Mode	Frequency [Hz]
1	1.	137.11
2	2.	180.01
3	3.	187.78
4	4.	310.96
5	5.	395.44
6	6.	411.82

Simulation



Experiment

Compressor Oil Management

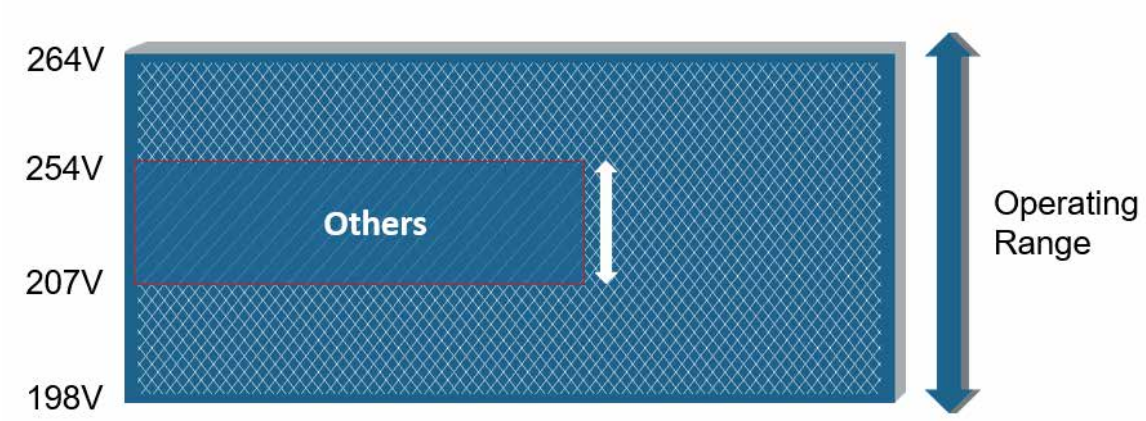
Considering the variable compressor speed of Rheem's Inverter ducted units, It is very important to have a superior Oil Management system to ensure reliability. The ducted inverter range is designed with special logic algorithm for compressor oil management.

- Oil level balance during operation of compressor while running at higher speed where oil carry over rate to the system is high.
- Oil level balance during operation of compressor running at lower speed where oil carry back to the compressor from IDU and piping are low.
- Regular recovery of trapped oil from IDU and longer piping.
- Compressor is always provided with adequate oil quantity for optimal power consumption.

Special logic algorithm for compressor oil management

Wide Operating Range - 1PH

Considering most of the Air Conditioning systems operate inefficiently or shutdown during the voltage fluctuations, Rheem's Ducted Inverter range is designed to operate across a wide voltage range from 207V to 254V for single phase units and 357V to 440V for all three phase units. Resulting in high uptime even in such an erratic power conditions.



Wide Operating Range - 3PH

ENGINEERING FEATURES

Indoor Units

Cabinet:

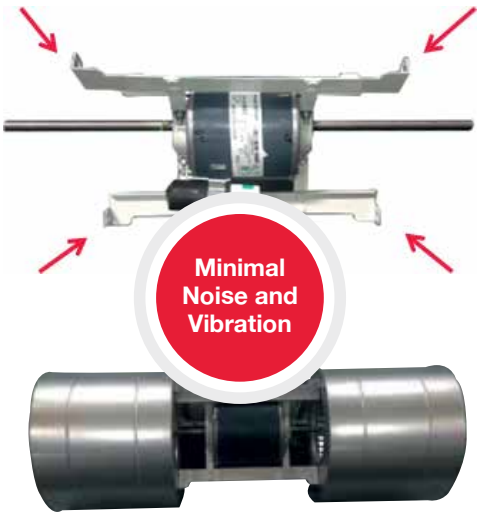
Polyester based Powder coated, made from hot dip galvanized steel sheet metal for high corrosion resistance of 1008 hrs salt spray test as per ASTM-B117 std.

Motor:

Multi speed, internally protected ultra high efficiency with Class-B insulation mounted on resilient neoprene rubber mountings to reduce noise level.
Ultra high efficiency & low RPM motors:
6 Pole Motors.
Motors are thermally protected

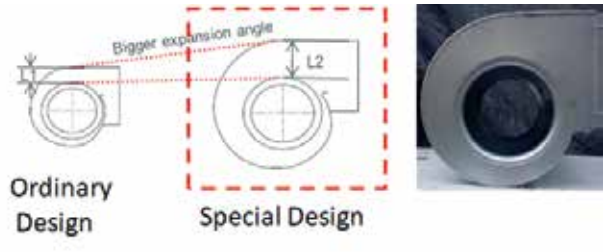
Motor Mounting Arrangement:

Specially designed mounting arrangement for motors to have center alignment of motor & fan blower assembly with housing which provide absolute sturdiness against vibrations.
6 point mounting feature provides easy fixing of fan motor assembly and serviceability.



Silent Operation:

The motor & fans are designed to achieve performance by running at lower RPM to reduce tip speeds for extremely silent operation. Motors used in the units are 6 pole. The fans are designed to operate at lower blower outlet & coil face velocity for quiet & highly efficient operation of units.

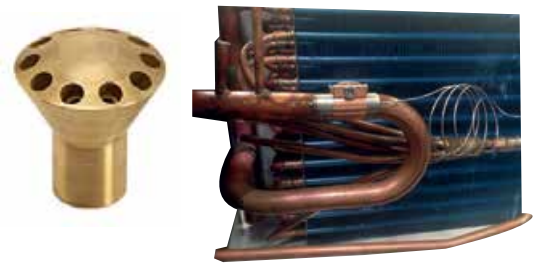


Low Height:

Height 12 to 16 inches. Allows for horizontal installation in most standard or replacement work.

Brass Distributor:

Distributor is used in all the indoor units to distribute refrigerant uniformly in the evaporator circuits for best performance in the evaporator coil.



Blower:

Direct driven, Centrifugal, forward curved, double inlet double width type, made from galvanized steel sheet.

Blower Housing:

Double inlet orifice, profile to give advantage in low noise, high efficiency and uniform air flow, made form galvanized steel sheet.

Old Conventional Design

New Design

ENGINEERING FEATURES

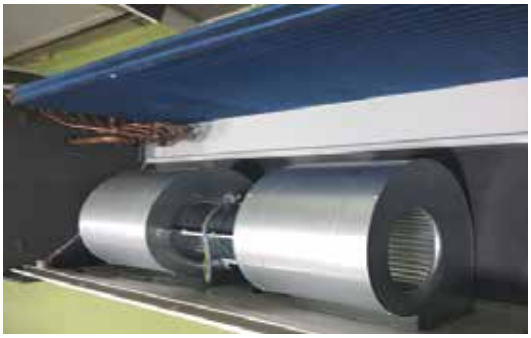
Insulation:

Irradiated grade EPE, fire retardant, odour free material for thermal, hygiene and acoustic application.

Evaporator Coil :

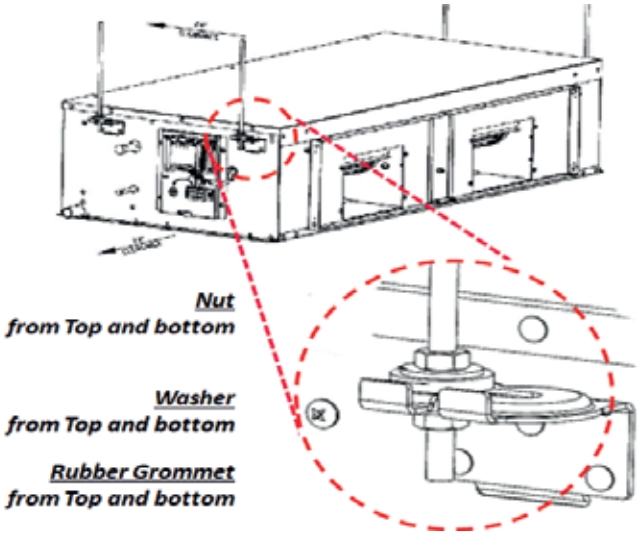
Coils are constructed with inner helical grooved copper tubes (IGT) & aluminium fins. Fins mechanically bounded to the tubes for maximum transfer capabilities. Coated highly corrosion resistant aluminium fins are provided as standard features in all the units. Specifically desinged louvered indoor fins for increased heat transfer.
Computer aided CFD analysis so that air flow is uniformly distributed across the coil for better cooling.

Hydrophilic Blue Fin technology has many advantages as mentioned below:
The water droplets do not stick to the surface and fall without facing any resistance, reducing the pressure drop across the coil and increasing the air flow
As water is not sticking to the fins, the chances of water carry over is minimal
CFM drop is minimal for wide range of ESP.
Blue fins gives longer life to the unit



Unit Suspension:

Rolled up rigid brackets for proper and easy mounting / installation of units. Rubberized cushions are provided at hanging brackets for suspending the unit from the ceiling / concrete slab to eliminate vibration.

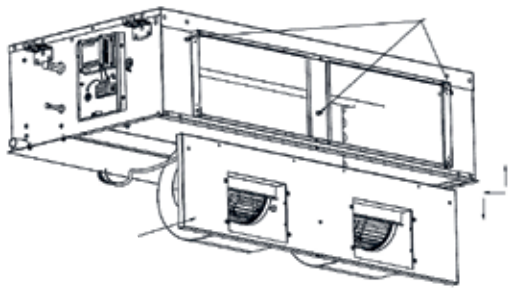


Filters:

5mm thick woven synthetic, permanent washable filters are standard on all units. Provision for fixing 1/2" thk field supplied filters is standard feature on all the units.

Service Access:

Removable panels at the bottom of the unit are provided for service access to blower, blower housing, motors & expansion device. Entire fan and motor section assembly can be separated from the cabinet by opening special bolts for servicing and maintenance purpose in all the units. This feature provide the complete access of components without opening the ducting & refrigerant connections. Filter access provision is made without removing any part of unit (Lift and remove from backside).

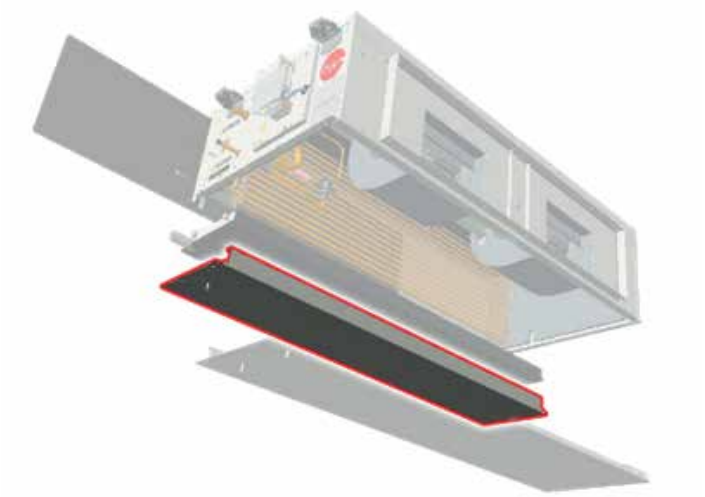


Antifreeze Protection For Coil :
Antifreeze temperature sensor is provided on coil against freezing during abnormal operating conditions.

Refrigerant Connections :
For field piping connections, sweat solder type joints are provided outside the unit. Rubber plugs with positive pressure inside the coil are provided on the connection for ease of installation.

Drain Pan:
Insulated & powder coated galvanized steel drain pan is designed with adequate slope to have proper condensate drain. The sandwich insulation kept between upper and lower sheet metal panels provides drip free performance.

Drain pan is easily removable from the bottom and can be cleaned or serviced easily for beter hygiene.



Drain Pan Cleaning:
The construction of cabinet is designed to remove the drain pan for servicing & cleaning purpose through bottom access under installed condition without disturbing the installation of the unit.

Provision For Direct Duct Connection:
Flanges are provided on the front of units for easy duct connections at site, suitable to connect flexible duct.

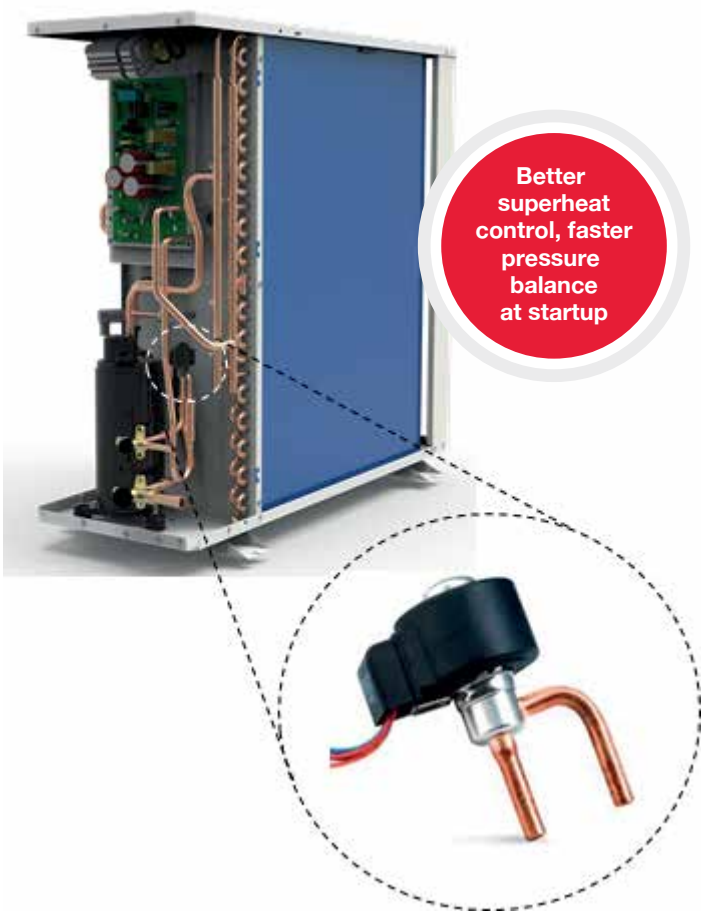
Riveted Panels:
Non serviceable panels in the cabinet are joined with the help of rigid steel rivets. The riveted panel provide very good stability, fit and finish.

Electronic Expansion Valve
The units are designed with electronic expansion valve for a smart and accurate control of the cooling based on cooling demand.

To perform real time control of the refrigerant supplied to the compressor through EXV adjustments to give precise comfort to the user.

EXV provides step less control over 500 steps which is decided by the controller automatically.

Bleed type EXV heps in faster balancing the pressure to reduce the start-up load on the compressor.



Outdoor Units

Compressor:
Compressor used in the units are hermetically sealed Rotary type Inverter and incorporates internal high temperature motor overload protection, and durable insulation on the motor winding. The compressors used are tropical compressors optimized for performance & reliability for high temperature environmental conditions. It is internally spring mounted and externally mounted on rubber grommets to reduce vibration and noise.

Compressors used in the models up to 24 are single rotary type and above that all are twin rotary type.

The compressors are coming with a wide operating range of 10~120 rps, varies the cooling capacity to great extent based on the available room load.

Condenser Fan Motor:
Internally protected, totally enclosed and permanently lubricated type motors avre tested for high ambient operation.

Fan:
Metallic Condenser fan blades ensure safety & high durability. Suitable for operation in high ambient temperature and heavy wind pressure.

Fan Guard:
Metallic wire guard confirms to IEC safety standard & high durability.

Cabinet:
Polyester Powder coated, made from hot dip galvanized steel sheet metal for high corrosion resistance of 1008 hrs salt spray as per ASTM-B117 std. Pressed parts like Base, Foot, Top, Front, Fan Motor Bracket and Side grille adds sturdiness to the cabinet.

Refrigerant Connections:
All connections are sweat and soldered type on exterior of the unit, located close to the ground for neat appearing installation.

Service Valves:
Standard on all models. These valves are provided outside the unit with service port for connecting gauges for ease of installation, additional refrigerant charging and monitoring of system.

Serviceability:
The compressor the electrical box is located in separate compartment of the cabinet providing for easy access through service panel.

Filter Drier:
Filter drier is supplied loose as standard accessory with the units for installation in liquid line in field. The filter drier prevents the unwanted moisture in the system and help in enhancing the life of the system.

Precharged:
Every unit is factory charged and run tested before shipment.

Pressure Cut-Outs:
High Pressure and Low Pressure safety controls are a standard feature on all the models.

Condenser Coil:
Coils are constructed with inner grooved copper tube (IGT) & aluminum fins mechanially bounded to the tubes for maximum heat transfer capabilites.

PHYSICAL AND ELECTRICAL DATA

PHYSICAL & ELECTRICAL DATA

TABLE FOR TECHNICAL DATA														
AIR HANDLING UNIT MODEL				**RIBL-012T**	**RIBL-018T**	**RIBL-024T**	**RIBL-030T**	**RIBL-036T**	**RIBL-036T**	**RIBL-042T**	**RIBL-042T**	**RIBL-048T**	**RIBL-048T**	**RIBL-054T**	**RIBL-054T**
CONDENSING UNIT MODEL				**RVBL-012TR**	**RVBL-018TR**	**RVBL-024TR**	**RVBL-030TR**	**RVBL-036TR**	**RVBL-036NR**	**RVBL-042TR**	**RVBL-042NR**	**RVBL-048TR**	**RVBL-048NR**	**RVBL-054TR**	**RVBL-054NR**
AMBIENT TEMP 35 °C	EVAP ENTERING AIR TEMP.	26.7 DB / 19.4 WB °C (AHRI Condition)	TMBH	11.7	17.3	25.2	29.5	33.3	34.3	41.3	41.2	44.2	44.8	53.9	54.0
			SMBH	9.4	13.8	20.2	23.6	26.6	27.5	32.5	33.0	33.5	35.8	40.7	43.2
			EER	11.80	12.00	12.00	12.00	11.80	12.00	12.51	11.85	11.96	11.85	12.13	11.80
AMBIENT TEMP 35 °C	EVAP ENTERING AIR TEMP.	27 DB / 19 WB °C	TMBH	11.5	17.0	24.5	28.5	33.0	34.0	40.8	40.5	44.0	44.0	53.0	53.0
			SMBH	9.2	13.6	19.6	22.8	26.4	27.2	34.8	32.4	35.3	35.2	43.3	42.4
			EER	11.616	11.806	11.667	11.633	11.620	11.826	12.107	11.638	11.640	11.640	11.726	11.713
			Max TMBH	16.1	20.3	26.0	35.5	39.7	47.5	52.9	50.1	56.0	60.3	64.2	67.1
			Max SMBH	11.0	14.8	20.6	26.4	29.6	33.1	39.8	37.1	40.8	41.7	46.7	45.6
AMBIENT TEMP 46 °C	EVAP ENTERING AIR TEMP.	29 DB / 19 WB °C	TMBH	10.1	15.0	21.5	24.8	29.5	30.0	36.2	35.8	39.0	38.5	46.8	46.8
			SMBH	9.9	14.7	21.1	24.3	28.9	29.4	35.9	35.1	38.1	36.0	46.2	45.9
			EER	8.347	8.570	8.776	8.36	8.310	8.427	8.829	8.443	8.804	8.388	8.814	8.667
AIR FLOW PERFORMANCE (DRY COIL)		LOW	CFM	360	485	795	1145	1200	1200	1260	1260	1250	1250	1640	1640
		MED		435	570	840	1200	1250	1250	1390	1390	1400	1400	1720	1720
		HIGH		500	650	890	1250	1290	1290	1560	1560	1560	1560	1825	1825
NOISE LEVEL		LOW	dBA	38.6	38.4	46.3	44.8	45.4	45.4	48.1	48.1	49.1	49.1	51.8	51.8
		MED		39.3	39.1	46.5	45.4	45.9	45.9	49.1	49.1	50.7	50.7	52.6	52.6
		HIGH		39.7	40.5	47.5	45.9	46.7	46.7	50.7	50.7	52.5	52.5	53.4	53.4
EXTERNAL STATIC PRESSURE (ESP)			IN (Pa)	0.1 (25)	0.1 (25)	0.1 (25)	0.15 (37)	0.15 (37)	0.15 (37)	0.15 (37)	0.15 (37)	0.2 (50)	0.2 (50)	0.2 (50)	0.2 (50)
NUMBER OF COMPRESSORS				1	1	1	1	1	1	1	1	1	1	1	1
NUMBER OF REFRIGERANT CIRCUIT FOR AHU				1	1	1	1	1	1	1	1	1	1	1	1
EXPANSION DEVICE/REFRIGERANT - R410A				Electronic Expansion Valve											
ELECTRICAL DATA	POWER SUPPLY	AIR HANDLING UNIT	VOLT / HZ / PH	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
		CONDENSING UNIT		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	380-415/50/3	220-240/50/1	380-415/50/3	220-240/50/1	380-415/50/3	220-240/50/1	380-415/50/3
	POWER INPUT	AIR HANDLING UNIT	KW	0.06	0.08	0.15	0.16	0.17	0.17	0.26	0.26	0.29	0.29	0.39	0.39
		CONDENSING UNIT		0.93	1.36	1.95	2.29	2.67	2.70	3.11	3.22	3.49	3.49	4.14	4.14
	CIRCUIT BREAKER SIZE	AIR HANDLING UNIT	AMPS	15	15	15	15	15	15	15	15	15	15	15	15
		CONDENSING UNIT		25	25	25	32	32	25	40	25	40	25	40	25
	FULL LOAD CURRENT	AIR HANDLING UNIT	AMPS	0.3	0.4	0.6	0.8	0.9	0.9	1.2	1.2	1.5	1.5	1.7	1.7
		CONDENSING UNIT		6.0	8.0	9.5	12.0	14.0	6.0	13.2	7.0	15.1	8.5	18.2	10.0
COIL FACE AREA		AIR HANDLING UNIT	SQ. FT	2.7	2.7	3.6	4.5	4.5	4.5	5.1	5.1	5.1	5.1	6.2	6.2
		CONDENSING UNIT		3.9	6.0	6.7	6.7	9.2	9.2	9.2	9.2	9.2	9.2	11.9	11.9
NO OF FANS		AIR HANDLING UNIT	NOS.	2	2	2	2	2	2	2	2	2	2	2	2
		CONDENSING UNIT		1	1	1	1	1	1	1	1	1	1	1	1
UNIT DIMENSION (W*H*D)		AIR HANDLING UNIT	mm	977*310*500	977*310*500	1252*310*500	1252*400*602	1252*400*602	1252*400*602	1402*400*602	1402*400*602	1402*400*602	1402*400*602	1402*479*602	1402*479*602
		CONDENSING UNIT	mm	850*550*310	850*690*310	850*800*310	850*800*310	1020*930*416	1020*930*416	1020*930*416	1020*930*416	1020*930*416	1020*930*416	1020*1045*416	1020*1045*416
NET WEIGHT		INDOOR UNIT	KG	34	35	40	53	53	53	58	58	58	58	68	68
		OUTDOOR UNIT	KG	36	42	47	50	74	78	80	80	82	82	100	100

PERFORMANCE SUMMARY DATA

TABLE FOR TECHNICAL DATA										
AIR HANDLING UNIT MODEL				Unit	RIBL-012T	RIBL-018T	RIBL-024T	RIBL-030T	RIBL-036T	RIBL-036T
CONDENSING UNIT MODEL					RVBL-012TR	RVBL-018TR	RVBL-024TR	RVBL-030TR	RVBL-036TR	RVBL-036NR
AMBIENT TEMP 35 °C	EVAP ENTERING AIR TEMP.	27 DB / 19 WB °C	Cooling Min ~ Max	TMBH	5.9 ~ 16.1	8.6 ~ 20.3	12.2 ~ 26.0	14.8 ~ 35.5	17.1 ~ 39.7	17.7 ~ 47.5
				SMBH	5.7 ~ 11.0	8.3 ~ 14.8	11.7 ~ 20.6	14.5 ~ 26.4	17.0 ~ 29.6	17.2 ~ 33.1
		24.4 DB / 17.2 WB °C	Cooling Min ~ Max	TMBH	5.5 ~ 15.3	7.6 ~ 19.3	11.9 ~ 24.1	14.6 ~ 33.3	17.0 ~ 37.5	17.6 ~ 44.9
				SMBH	5.3 ~ 10.6	7.4 ~ 13.9	11.4 ~ 18.9	14.3 ~ 24.9	16.9 ~ 28.2	17.1 ~ 31.7
AMBIENT TEMP 46 °C	EVAP ENTERING AIR TEMP.	24.4 DB / 17.2 WB °C	Cooling Min ~ Max	TMBH	4.8 ~ 12.6	6.8 ~ 17.4	10.6 ~ 21.0	13.1 ~ 27.3	15.1 ~ 29.7	15.7 ~ 36.8
				SMBH	4.6 ~ 9.3	6.5 ~ 12.9	10.2 ~ 17.8	12.8 ~ 22.1	14.6 ~ 25.1	15.2 ~ 28.1

TABLE FOR TECHNICAL DATA										
AIR HANDLING UNIT MODEL				Unit	RIBL-042T	RIBL-042T	RIBL-048T	RIBL-048T	RIBL-054T	RIBL-054T
CONDENSING UNIT MODEL					RVBL-042TR	RVBL-042NR	RVBL-048TR	RVBL-048NR	RVBL-054TR	RVBL-054NR
AMBIENT TEMP 35 °C	EVAP ENTERING AIR TEMP.	27 DB / 19 WB °C	Cooling Min ~ Max	TMBH	21.0 ~ 52.9	20.3 ~ 50.1	22.7 ~ 56.0	22.3 ~ 60.3	27.3 ~ 64.2	26.2 ~ 67.1
				SMBH	20.8 ~ 39.8	20.0 ~ 37.1	22.5 ~ 40.8	21.8 ~ 41.7	27.3 ~ 46.7	25.4 ~ 45.6
		24.4 DB / 17.2 WB °C	Cooling Min ~ Max	TMBH	20.8 ~ 50.2	20.1 ~ 47.2	22.4 ~ 53.3	22.1 ~ 57.0	26.9 ~ 61.7	26.0 ~ 63.3
				SMBH	20.6 ~ 38.0	19.9 ~ 35.4	22.0 ~ 39.1	21.6 ~ 39.4	26.9 ~ 46.1	25.2 ~ 43.9
AMBIENT TEMP 46 °C	EVAP ENTERING AIR TEMP.	24.4 DB / 17.2 WB °C	Cooling Min ~ Max	TMBH	18.9 ~ 44.0	18.2 ~ 42.1	20.4 ~ 44.9	20.1 ~ 48.6	24.6 ~ 49.3	23.7 ~ 53.0
				SMBH	18.7 ~ 35.2	18.0 ~ 33.2	20.0 ~ 35.4	19.7 ~ 34.9	24.6 ~ 40.7	23.0 ~ 39.0

Note : Capacity is derived and Actual performance may vary based on standard tolerance
* Performance at Rated condition

PERFORMANCE DATA

MODEL			RIBL-012T/RVBL-012TR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
DEPRESSION RATIO			0.19	0.21	0.23	0.19	0.21	0.23	0.19	0.21	0.23	0.19	0.21	0.23	0.19	0.21	0.23
CFM AIR VOL.			500	435	360	500	435	360	500	435	360	500	435	360	500	435	360
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	14.1	13.8	13.4	13.7	13.5	13.1	12.7	12.4	12.1	12.0	11.8	11.4	11.6	11.5	11.1
		Sens MBH	7.5	7.3	6.9	8.1	7.8	7.4	9.9	9.4	8.9	11.1	10.6	9.9	11.6	11.1	10.4
		Power KW	0.78	0.78	0.77	0.79	0.78	0.77	0.79	0.78	0.78	0.79	0.78	0.78	0.79	0.78	0.78
	80F(26.7C)	Total MBH	13.8	13.6	13.2	13.5	13.2	12.9	12.5	12.2	11.9	11.8	11.6	11.3	11.5	11.3	11.0
		Sens MBH	7.4	7.2	6.8	8.0	7.7	7.3	9.8	9.3	8.8	11.0	10.5	9.8	11.4	11.0	10.3
		Power KW	0.83	0.82	0.82	0.83	0.82	0.82	0.83	0.82	0.82	0.83	0.82	0.82	0.83	0.82	0.82
	85F(29.4C)	Total MBH	13.5	13.3	13.0	13.2	13.0	12.6	12.2	12.0	11.7	11.6	11.4	11.1	11.4	11.0	10.8
		Sens MBH	7.3	7.1	6.7	7.9	7.6	7.2	9.7	9.2	8.7	10.9	10.4	9.7	11.2	10.9	10.2
		Power KW	0.88	0.87	0.86	0.88	0.87	0.86	0.88	0.87	0.86	0.88	0.87	0.86	0.88	0.87	0.86
	90F(32.3C)	Total MBH	13.3	13.0	12.7	12.9	12.7	12.4	12.0	11.8	11.4	11.3	11.1	10.8	11.2	10.8	10.5
		Sens MBH	7.2	7.0	6.6	7.8	7.5	7.1	9.5	9.1	8.6	10.8	10.3	9.6	11.0	10.8	10.1
		Power KW	0.93	0.92	0.91	0.93	0.92	0.91	0.93	0.92	0.91	0.92	0.91	0.90	0.92	0.91	0.90
	95F(35.0C)	Total MBH	13.0	12.8	12.4	12.6	12.4	12.1	11.6	11.5	11.2	11.1	10.9	10.6	11.1	10.6	10.3
		Sens MBH	7.1	6.8	6.5	7.7	7.4	7.0	9.4	9.0	8.5	10.7	10.1	9.5	10.8	10.6	10.0
		Power KW	0.99	0.98	0.97	0.98	0.98	0.97	0.99	0.97	0.96	0.97	0.96	0.95	0.97	0.96	0.95
	100F(37.8C)	Total MBH	12.7	12.5	12.2	12.4	12.2	11.9	11.4	11.2	11.0	10.8	10.7	10.4	10.5	10.5	10.0
		Sens MBH	7.0	6.7	6.4	7.4	7.3	6.9	9.3	8.9	8.4	10.5	10.1	9.4	10.5	10.5	9.8
		Power KW	1.04	1.03	1.02	1.04	1.03	1.02	1.03	1.02	1.00	1.02	1.01	1.00	1.02	1.01	1.00
	105F(40.6C)	Total MBH	12.3	12.2	11.9	12.0	11.9	11.6	11.1	11.0	10.7	10.5	10.4	10.1	10.3	10.1	9.8
		Sens MBH	6.8	6.6	6.3	7.4	7.1	6.8	9.2	8.8	8.2	10.4	9.9	9.2	10.3	10.1	9.7
		Power KW	1.11	1.09	1.08	1.10	1.09	1.08	1.09	1.07	1.06	1.08	1.06	1.05	1.07	1.06	1.05
	110F(43.3C)	Total MBH	12.0	11.8	11.6	11.7	11.5	11.3	10.8	10.7	10.4	10.2	10.1	9.9	10.1	9.8	9.5
		Sens MBH	6.7	6.5	6.2	7.3	7.0	6.7	9.1	8.7	8.1	10.2	9.8	9.1	10.1	9.8	9.5
		Power KW	1.17	1.16	1.15	1.16	1.15	1.14	1.15	1.13	1.12	1.13	1.13	1.12	1.13	1.11	1.10
	115F(46.1C)	Total MBH	11.7	11.5	11.3	11.4	11.2	11.0	10.5	10.4	10.1	10.1	9.8	9.6	9.9	9.6	9.4
		Sens MBH	6.6	6.3	6.0	7.1	6.9	6.5	8.9	8.5	8.0	9.9	9.6	9.0	9.9	9.6	9.4
		Power KW	1.24	1.22	1.21	1.23	1.21	1.20	1.21	1.19	1.18	1.19	1.17	1.17	1.19	1.17	1.16
	120F(48.9C)	Total MBH	11.3	11.2	10.9	11.0	10.9	10.6	10.2	10.1	9.8	9.9	9.5	9.3	9.6	9.3	9.2
		Sens MBH	6.4	6.2	5.9	7.0	6.7	6.4	8.8	8.4	7.9	9.9	9.5	8.9	9.6	9.3	9.2
		Power KW	1.31	1.29	1.29	1.30	1.28	1.27	1.27	1.25	1.24	1.25	1.23	1.22	1.25	1.23	1.21
	125F(51.7C)	Total MBH	11.0	10.8	10.6	10.7	10.5	10.3	9.9	9.7	9.5	9.3	9.3	9.0	9.3	9.1	8.7
		Sens MBH	6.3	6.1	5.8	6.9	6.6	6.3	8.6	8.2	7.7	9.3	9.3	8.7	9.3	9.1	8.7
		Power KW	1.38	1.36	1.35	1.37	1.36	1.34	1.34	1.32	1.30	1.32	1.31	1.28	1.32	1.30	1.27

MODEL			RIBL-018T/RVBL-018TR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
DEPRESSION RATIO			0.2	0.22	0.24	0.2	0.22	0.24	0.2	0.22	0.24	0.2	0.22	0.24	0.2	0.22	0.24
CFM AIR VOL.			650	570	485	650	570	485	650	570	485	650	570	485	650	570	485
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	21.8	20.8	19.7	20.1	19.7	19.2	18.4	18.1	17.6	17.4	17.1	16.6	16.8	16.5	16.0
		Sens MBH	8.5	8.9	9.3	10.9	10.5	10.0	13.3	12.7	11.9	15.0	14.2	13.3	15.8	15.0	13.9
		Power KW	1.15	1.14	1.12	1.15	1.13	1.11	1.15	1.13	1.11	1.15	1.13	1.11	1.15	1.13	1.11
	80F(26.7C)	Total MBH	21.3	20.4	19.4	19.7	19.3	18.8	18.1	17.8	17.3	17.0	16.7	16.3	16.5	16.2	15.8
		Sens MBH	8.4	8.8	9.2	10.8	10.4	9.8	13.2	12.6	11.8	14.9	14.0	13.1	15.6	14.8	13.8
		Power KW	1.22	1.20	1.18	1.22	1.20	1.18	1.22	1.19	1.17	1.21	1.19	1.17	1.21	1.19	1.17
	85F(29.4C)	Total MBH	20.4	19.5	19.0	19.2	18.9	18.4	17.7	17.4	16.9	16.7	16.4	15.9	16.1	15.8	15.4
		Sens MBH	10.0	9.5	9.0	10.6	10.2	9.7	13.0	12.4	11.7	14.8	13.9	13.0	15.3	14.7	13.6
		Power KW	1.34	1.27	1.25	1.29	1.27	1.25	1.28	1.26	1.24	1.28	1.25	1.23	1.27	1.25	1.23
	90F(32.3C)	Total MBH	19.3	19.0	18.6	18.8	18.5	18.0	17.3	17.0	16.5	16.3	16.0	15.6	15.8	15.5	15.1
		Sens MBH	9.7	9.3	8.9	10.5	10.1	9.5	12.9	12.3	11.5	14.6	13.7	12.8	15.0	14.5	13.5
		Power KW	1.38	1.35	1.33	1.37	1.34	1.32	1.36	1.33	1.31	1.35	1.32	1.30	1.34	1.32	1.30
	95F(35.0C)	Total MBH	18.9	18.6	18.1	18.3	18.1	17.6	16.8	16.5	16.2	15.8	15.6	15.2	15.5	15.1	14.7
		Sens MBH	9.5	9.1	8.7	10.3	9.9	9.4	12.6	12.1	11.3	14.4	13.6	12.7	14.7	14.3	13.3
		Power KW	1.46	1.43	1.41	1.45	1.42	1.40	1.43	1.40	1.38	1.42	1.39	1.37	1.41	1.38	1.36
	100F(37.8C)	Total MBH	18.4	18.1	17.7	17.9	17.6	17.2	16.4	16.2	15.8	15.4	15.2	14.9	15.2	14.7	14.4
		Sens MBH	9.3	9.0	8.6	10.1	9.7	9.2	12.5	11.9	11.2	14.3	13.5	12.5	14.4	14.0	13.2
		Power KW	1.54	1.51	1.49	1.54	1.50	1.48	1.51	1.48	1.46	1.49	1.46	1.44	1.49	1.46	1.43
	105F(40.6C)	Total MBH	17.8	17.6	17.2	17.4	17.1	16.7	16.0	15.7	15.4	15.0	14.8	14.5	14.9	14.4	14.0
		Sens MBH	9.1	8.8	8.4	9.9	9.5	9.0	12.3	11.7	11.0	14.1	13.3	12.3	14.1	13.7	13.0
		Power KW	1.63	1.60	1.58	1.62	1.59	1.57	1.59	1.56	1.54	1.57	1.54	1.52	1.57	1.53	1.51
	110F(43.3C)	Total MBH	17.3	17.1	16.7	16.9	16.7	16.3	15.5	15.3	14.9	14.6	14.3	14.1	14.5	14.1	13.6
		Sens MBH	8.9	8.6	8.2	9.7	9.4	8.9	12.1	11.5	10.8	13.8	13.1	12.1	13.8	13.4	12.8
		Power KW	1.73	1.69	1.67	1.72	1.68	1.66	1.68	1.65	1.62	1.65	1.62	1.60	1.65	1.62	1.59
	115F(46.1C)	Total MBH	16.7	16.6	16.2	16.3	16.1	15.8	15.0	14.8	14.5	14.1	13.9	13.6	14.1	13.7	13.2
		Sens MBH	8.7	8.4	8.0	9.5	9.2	8.7	11.9	11.3	10.6	13.4	12.9	12.0	13.4	13.0	12.5
		Power KW	1.83	1.79	1.77	1.81	1.78	1.75	1.77	1.74	1.71	1.74	1.71	1.68	1.74	1.70	1.67
	120F(48.9C)	Total MBH	16.2	16.0	15.7	15.8	15.6	15.3	14.5	14.3	14.0	13.7	13.4	13.2	13.7	13.4	12.8
		Sens MBH	8.5	8.2	7.8	9.3	9.0	8.5	11.7	11.1	10.4	13.0	12.7	11.8	13.0	12.7	12.2
		Power KW	1.93	1.89	1.87	1.91	1.88	1.85	1.87	1.83	1.80	1.83	1.80	1.77	1.83	1.79	1.76
	125F(51.7C)	Total MBH	15.6	15.4	15.1	15.2	15.0	14.8	14.0	13.8	13.5	13.3	13.0	12.7	13.3	13.0	12.5
		Sens MBH	8.3	8.0	7.6	9.1	8.7	8.3	11.5	10.9	10.2	12.6	12.3	11.6	12.6	12.3	11.9
		Power KW	2.03	2.00	1.97	2.02	1.98	1.95	1.96	1.93	1.90	1.93	1.89	1.86	1.93	1.89	1.85

Note:Capacity value mentioned is Gross Capacity ,Capacity is derived and actual performance may vary as per standard tolerance

Power: Total Unit Input Power (kW)
DR: Depression Ratio
dhE: Entering Air Temperature in °F

When the entering air dry bulb temperature is other than 80.6 °F, adjust the sensible capacity from the table by adding 1.1xCFMX (1-DR) X (dbE-80.6)

PERFORMANCE DATA

MODEL			RIBL-024T/RVBL-024TR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
DEPRESSION RATIO			0.2	0.22	0.24	0.2	0.22	0.24	0.2	0.22	0.24	0.2	0.22	0.24	0.2	0.22	0.24
CFM AIR VOL.			890	840	795	890	840	795	890	840	795	890	840	795	890	840	795
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	30.5	30.2	30.0	29.6	29.4	29.2	27.2	27.0	26.7	25.5	25.3	25.1	24.7	24.5	24.2
		Sens MBH	15.8	15.5	15.2	17.1	16.7	16.4	20.9	20.5	20.0	23.6	23.1	22.5	24.7	24.2	23.7
		Power KW	1.75	1.74	1.72	1.74	1.73	1.72	1.73	1.72	1.71	1.72	1.71	1.70	1.72	1.71	1.70
	80F(26.7C)	Total MBH	29.9	29.6	29.4	29.0	28.8	28.6	26.6	26.4	26.2	25.0	24.8	24.6	24.3	24.0	23.8
		Sens MBH	15.5	15.2	15.0	16.8	16.5	16.2	20.7	20.2	19.8	23.4	22.8	22.3	24.3	23.9	23.4
		Power KW	1.85	1.84	1.82	1.84	1.83	1.82	1.82	1.81	1.80	1.81	1.80	1.79	1.81	1.79	1.78
	85F(29.4C)	Total MBH	29.2	29.0	28.8	28.4	28.2	27.9	26.1	25.9	25.6	24.4	24.3	24.1	23.9	23.6	23.3
		Sens MBH	15.3	15.0	14.8	166.0	16.3	16.0	20.5	20.0	19.5	23.2	22.6	22.0	23.9	23.6	23.1
		Power KW	1.96	1.95	1.94	1.95	1.94	1.93	1.93	1.92	1.89	1.90	1.89	1.88	1.90	1.88	1.87
	90F(32.3C)	Total MBH	28.5	28.3	28.1	27.8	27.5	27.3	25.5	25.3	25.1	23.8	23.7	23.5	23.5	23.1	22.9
		Sens MBH	15.0	14.8	14.5	16.3	16.0	15.7	20.2	19.7	19.3	22.9	22.3	21.8	23.5	23.1	22.8
		Power KW	2.07	2.06	2.04	2.06	2.05	2.03	2.03	2.02	2.00	2.01	2.00	1.98	2.00	1.99	1.98
	95F(35.0C)	Total MBH	27.8	27.7	27.4	27.1	26.9	26.7	25.0	24.7	24.5	23.2	23.1	22.9	23.0	22.7	22.4
		Sens MBH	14.8	14.5	14.3	16.1	15.8	15.5	20.0	19.5	19.0	22.7	22.1	21.5	23.0	22.7	22.4
		Power KW	2.19	2.17	2.16	2.17	2.16	2.15	2.14	2.12	2.11	2.11	2.09	2.08	2.10	2.09	2.07
	100F(37.8C)	Total MBH	27.1	26.9	26.8	26.4	26.2	26.0	24.2	24.0	23.9	22.7	22.4	22.3	22.5	22.2	21.9
		Sens MBH	14.5	14.3	14.0	15.8	15.5	15.2	19.7	19.2	18.8	22.4	21.8	21.3	22.5	22.2	21.9
		Power KW	2.31	2.29	2.28	2.29	2.28	2.26	2.24	2.23	2.22	2.21	2.20	2.18	2.21	2.19	2.18
	105F(40.6C)	Total MBH	26.4	26.2	26.0	25.7	25.5	25.3	23.5	23.4	23.2	22.1	21.9	21.7	22.0	21.7	21.4
		Sens MBH	14.2	14.0	13.7	15.5	15.2	14.9	19.5	18.9	18.5	22.0	21.5	21.0	22.0	21.7	21.4
		Power KW	2.43	2.41	2.40	2.41	2.40	2.38	2.36	2.34	2.33	2.32	2.30	2.29	2.32	2.30	2.29
	110F(43.3C)	Total MBH	25.6	25.5	25.3	24.9	24.8	24.6	22.8	22.7	22.5	21.5	21.3	21.1	21.5	21.2	20.9
		Sens MBH	14.0	13.7	13.5	15.3	14.9	14.7	19.2	18.7	18.2	21.5	21.2	20.7	21.5	21.2	20.9
		Power KW	2.57	2.55	2.54	2.55	2.53	2.52	2.48	2.47	2.44	2.43	2.42	2.40	2.44	2.41	2.40
	115F(46.1C)	Total MBH	24.9	24.7	24.5	24.2	24.0	23.8	22.1	22.0	21.8	21.0	20.7	20.5	21.0	20.7	20.4
		Sens MBH	13.7	13.4	13.2	15.0	14.7	14.4	19.0	18.5	18.0	21.0	20.7	20.4	21.0	20.7	20.4
		Power KW	2.70	2.69	2.67	2.68	2.66	2.65	2.61	2.59	2.57	2.57	2.54	2.52	2.57	2.54	2.52
	120F(48.9C)	Total MBH	24.1	23.9	23.8	23.4	23.2	23.1	21.4	21.2	21.1	20.4	20.2	19.9	20.4	20.2	19.9
		Sens MBH	13.4	13.1	12.9	14.7	14.4	14.1	18.7	18.2	17.7	20.4	20.2	19.9	20.4	20.2	19.9
		Power KW	2.84	2.82	2.81	2.82	2.80	2.78	2.73	2.71	2.70	2.69	2.67	2.65	2.69	2.67	2.65
	125F(51.7C)	Total MBH	23.2	23.1	23.0	22.6	22.5	22.3	20.6	20.5	20.4	19.8	19.6	19.3	19.8	19.6	19.3
		Sens MBH	13.1	12.9	12.6	14.4	14.1	13.8	18.4	17.9	17.5	19.8	19.6	19.3	19.8	19.6	19.3
		Power KW	2.98	2.97	2.95	2.95	2.94	2.92	2.86	2.84	2.83	2.82	2.80	2.77	2.82	2.80	2.77

MODEL			RIBL-030T/RVBL-030TR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
DEPRESSION RATIO			0.19	0.21	0.23	0.19	0.21	0.23	0.19	0.21	0.23	0.19	0.21	0.23	0.19	0.21	0.23
CFM AIR VOL.			1250	1200	1145	1250	1200	1145	1250	1200	1145	1250	1200	1145	1250	1200	1145
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	35.0	34.8	34.7	34.1	34.0	33.8	31.4	31.3	31.1	30.1	29.8	29.4	30.1	29.8	29.4
		Sens MBH	17.9	17.6	17.3	19.7	19.3	19.0	25.1	24.5	23.9	30.1	29.8	29.4	30.1	29.8	29.4
		Power KW	2.01	2.00	1.98	2.00	2.00	1.98	1.99	1.98	1.97	1.98	1.97	1.95	1.98	1.96	1.96
	80F(26.7C)	Total MBH	34.3	34.2	34.0	33.4	33.3	33.1	30.7	30.6	30.5	29.6	29.3	29.0	29.6	29.3	29.0
		Sens MBH	17.7	17.4	17.1	19.4	19.1	18.7	24.8	24.3	23.6	29.6	29.3	29.0	29.6	29.3	29.0
		Power KW	2.13	2.12	2.10	2.12	2.11	2.10	2.10	2.09	2.08	2.09	2.08	2.07	2.09	2.08	2.07
	85F(29.4C)	Total MBH	33.6	33.5	33.3	32.8	32.6	32.4	30.1	30.0	29.8	29.1	28.8	28.5	29.1	28.8	28.5
		Sens MBH	17.4	17.2	16.9	19.2	18.9	18.5	24.6	24.0	23.4	29.1	28.8	28.5	29.1	28.8	28.5
		Power KW	2.25	2.24	2.22	2.24	2.23	2.22	2.22	2.21	2.19	2.21	2.20	2.18	2.21	2.20	2.18
	90F(32.3C)	Total MBH	32.9	32.8	32.6	32.0	31.9	31.8	29.4	29.3	29.1	28.6	28.3	28.0	28.6	28.3	28.0
		Sens MBH	17.2	16.9	16.6	19.0	18.6	18.3	24.4	23.8	23.2	28.6	28.3	28.0	28.6	28.3	28.0
		Power KW	2.37	2.36	2.34	2.36	2.35	2.34	2.33	2.32	2.31	2.32	2.31	2.29	2.32	2.31	2.29
	95F(35.0C)	Total MBH	32.2	32.0	31.9	31.3	31.2	31.0	29.0	28.6	28.5	28.0	27.7	27.4	28.0	27.9	27.4
		Sens MBH	17.0	16.7	16.4	18.7	18.4	18.0	24.0	23.6	23.0	28.0	27.7	27.4	28.0	27.9	27.4
		Power KW	2.49	2.48	2.47	2.48	2.47	2.46	2.43	2.42	2.41	2.44	2.43	2.41	2.44	2.44	2.41
	100F(37.8C)	Total MBH	31.5	31.3	31.1	30.6	30.5	30.3	28.0	27.9	27.8	27.5	27.2	26.9	27.5	27.2	26.9
		Sens MBH	16.7	16.5	16.2	18.5	18.1	17.8	23.9	23.5	22.8	27.5	27.2	26.9	27.5	27.2	26.9
		Power KW	2.61	2.61	2.59	2.60	2.59	2.58	2.56	2.56	2.54	2.55	2.54	2.52	2.55	2.54	2.52
	105F(40.6C)	Total MBH	30.7	30.6	30.4	29.9	29.8	29.6	27.3	27.4	27.1	26.8	26.7	26.3	26.8	26.7	26.3
		Sens MBH	16.5	16.2	15.9	18.2	17.9	17.5	23.8	23.2	22.7	26.8	26.7	26.3	26.8	26.7	26..3
		Power KW	2.74	2.73	2.71	2.72	2.72	2.70	2.68	2.68	2.66	2.67	2.66	2.64	2.67	2.66	2.64
	110F(43.3C)	Total MBH	30.0	29.8	29.7	29.1	29.0	28.9	26.6	26.5	26.4	26.3	26.1	25.8	26.3	25.9	25.8
		Sens MBH	16.2	16.0	15.7	18.0	17.7	17.3	23.5	23.0	22.4	26.3	26.1	25.8	26.3	25.9	25.8
		Power KW	2.86	2.85	2.84	2.85	2.84	2.82	2.80	2.79	2.77	2.79	2.78	2.76	2.79	2.78	2.76
	115F(46.1C)	Total MBH	29.2	29.1	28.9	28.4	28.3	28.1	25.9	25.8	25.7	25.8	25.5	25.2	25.8	25.5	25.2
		Sens MBH	16.0	15.7	25.4	17.7	17.4	17.0	23.3	22.8	22.2	25.8	25.5	25.2	25.8	25.5	25.2
		Power KW	2.98	2.98	2.96	2.97	2.96	2.94	2.91	2.91	2.89	2.91	2.90	2.88	2.91	2.90	2.88
	120F(48.9C)	Total MBH	28.4	28.3	28.1	27.6	27.5	27.4	25.2	25.0	25.1	25.2	24.9	24.7	25.2	24.9	24.7
		Sens MBH	15.7	15.5	15.2	17.4	17.1	16.8	25.2	22.5	22.0	25.2	24.9	24.7	25.2	24.9	24.7
		Power KW	3.11	3.10	3.08	3.09	3.08	3.07	3.03	3.02	3.02	3.03	3.02	3.00	3.03	3.02	3.00
	125F(51.7C)	Total MBH	21.8	21.7	21.6	21.1	21.1	21.0	20.1	19.9	19.7	20.1	19.9	19.7	20.1	19.9	19.7
		Sens MBH	13.6	13.4	13.1	15.4	15.1	14.7	20.0	19.9	19.7	20.1	19.9	19.7	20.1	19.9	19.7
		Power KW	2.48	2.47	2.46	2.47	2.46	2.45	2.45	2.45	2.43	2.45	2.45	2.43	2.45	2.45	2.43

Note:Capacity value mentioned is Gross Capacity ,Capacity is derived and actual performance may vary as per standard tolerance

Power: Total Unit Input Power (kW)
DR: Depression Ratio
dhE: Entering Air Temperature in °F

When the entering air dry bulb temperature is other than 80.6 °F, adjust the sensible capacity from the table by adding 1.1xCFMX (1-DR) X (dbE-80.6)

PERFORMANCE DATA

MODEL			RIBL-036T/RVBL-036NR															
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
DEPRESSION RATIO			**0.2**	**0.22**	**0.24**	**0.2**	**0.22**	**0.24**	**0.2**	**0.22**	**0.24**	**0.2**	**0.22**	**0.24**	**0.2**	**0.22**	**0.24**
CFM AIR VOL.			**1290**	**1250**	**1200**	**1290**	**1250**	**1200**	**1290**	**1250**	**1200**	**1290**	**1250**	**1200**	**1290**	**1250**	**1200**
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	41.9	41.7	41.5	40.7	40.5	40.3	37.5	37.4	37.1	35.1	35.0	34.8	35.1	34.8	34.5
		Sens MBH	21.4	21.2	20.9	23.3	23.1	22.7	29.2	28.8	28.2	35.0	32.8	32.2	35.1	34.8	34.5
		Power KW	2.38	2.36	2.35	2.39	2.37	2.36	2.40	2.38	2.37	2.41	2.39	2.38	2.41	2.39	2.38
	80F(26.7C)	Total MBH	40.9	40.8	40.6	39.8	39.7	39.5	36.7	36.5	36.3	34.5	34.2	34.0	34.5	34.2	33.8
		Sens MBH	21.1	20.9	20.6	23.0	22.7	22.4	28.9	28.4	27.9	34.5	34.1	31.8	34.5	34.2	33.8
		Power KW	2.51	2.49	2.48	2.52	2.50	2.49	2.52	2.50	2.49	2.52	2.51	2.49	2.52	2.50	2.49
	85F(29.4C)	Total MBH	39.7	39.8	39.6	38.9	38.8	38.6	35.8	35.7	35.5	33.8	33.5	33.2	33.8	33.5	33.2
		Sens MBH	20.7	20.5	20.2	22.7	22.4	22.1	28.5	28.1	27.6	33.8	33.5	33.0	33.8	33.5	33.2
		Power KW	2.65	2.64	2.63	2.66	2.64	2.63	2.66	2.64	2.63	2.66	2.64	2.63	2.66	2.64	2.63
	90F(32.3C)	Total MBH	39.0	38.8	38.6	37.9	37.8	37.5	34.9	34.8	34.6	33.1	32.7	32.5	33.1	32.9	32.5
		Sens MBH	20.4	20.2	19.9	22.3	22.1	21.7	28.3	27.8	27.2	33.1	32.7	32.5	33.1	32.9	32.5
		Power KW	2.80	2.78	2.77	2.80	2.78	2.76	2.79	2.77	2.76	2.79	2.76	2.75	2.79	2.76	2.75
	95F(35.0C)	Total MBH	37.9	37.8	37.6	36.9	36.8	36.6	34.1	33.8	33.7	32.4	32.1	31.8	32.4	32.1	31.8
		Sens MBH	20.0	19.8	19.5	22.0	21.7	21.4	28.0	27.5	26.9	32.4	32.1	31.8	32.4	32.1	31.8
		Power KW	2.94	2.92	2.91	2.94	2.92	2.91	2.92	2.91	2.90	2.92	2.90	2.89	2.92	2.90	2.89
	100F(37.8C)	Total MBH	36.9	36.8	36.6	35.9	35.7	35.6	32.9	32.8	32.7	31.6	31.4	30.9	31.6	31.4	31.1
		Sens MBH	19.7	19.5	19.2	21.6	21.3	21.0	27.7	27.3	26.7	31.6	31.4	30.9	31.6	31.4	31.1
		Power KW	3.10	3.08	3.07	3.10	3.07	3.07	3.08	3.06	3.05	3.07	3.05	3.02	3.07	3.05	3.04
	105F(40.6C)	Total MBH	35.8	35.7	35.5	34.8	34.7	34.6	31.9	31.8	31.7	30.8	30.6	30.3	30.8	30.6	30.3
		Sens MBH	19.3	19.1	18.8	21.2	21.0	20.6	27.3	26.8	26.4	30.8	30.6	30.3	30.8	30.6	30.3
		Power KW	3.26	3.24	3.23	3.25	3.23	3.22	3.23	3.21	3.20	3.22	3.20	3.18	3.22	3.20	3.18
	110F(43.3C)	Total MBH	34.7	34.6	34.4	33.8	33.6	33.5	30.9	30.8	30.7	30.0	29.8	29.5	30.0	29.8	29.5
		Sens MBH	18.9	18.7	18.4	20.8	20.6	20.2	27.0	26.5	25.9	30.0	29.8	29.5	30.0	29.8	29.5
		Power KW	3.43	3.41	3.40	3.42	3.40	3.39	3.39	3.37	3.36	3.38	3.36	3.33	3.38	3.36	3.33
	115F(46.1C)	Total MBH	33.5	33.4	33.3	32.6	32.5	32.4	29.8	29.7	29.6	29.2	29.0	28.7	29.2	29.0	28.7
		Sens MBH	18.5	18.3	18.0	20.4	20.2	19.9	26.6	26.2	25.7	29.2	29.0	28.7	29.2	29.0	28.7
		Power KW	3.59	3.57	3.56	3.58	3.56	3.55	3.55	3.53	3.51	3.54	3.52	3.50	3.54	3.52	3.50
	120F(48.9C)	Total MBH	32.4	32.3	32.2	31.5	31.4	31.3	28.7	28.6	28.6	28.4	28.2	27.9	28.4	28.2	27.9
		Sens MBH	18.1	17.9	17.7	20.0	19.8	19.4	26.3	25.8	25.3	28.4	28.2	27.9	28.4	28.2	27.9
		Power KW	3.77	3.74	3.72	3.76	3.73	3.71	3.71	3.69	3.68	3.70	3.68	3.66	3.70	3.68	3.66
	125F(51.7C)	Total MBH	31.2	31.1	31.0	30.3	30.3	30.1	27.7	27.6	27.5	27.5	27.3	27.0	27.5	27.3	27.0
		Sens MBH	17.7	17.5	17.2	19.6	19.4	19.0	27.7	27.6	27.5	27.5	27.3	27.0	27.5	27.3	27.0
		Power KW	3.94	3.92	3.90	3.93	3.90	3.89	3.88	3.86	3.85	3.88	3.86	3.84	3.88	3.86	3.84

MODEL			RIBL-036T/RVBL-036TR															
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
DEPRESSION RATIO			**0.2**	**0.22**	**0.24**	**0.2**	**0.22**	**0.24**	**0.2**	**0.22**	**0.24**	**0.2**	**0.22**	**0.24**	**0.2**	**0.22**	**0.24**
CFM AIR VOL.			**1290**	**1250**	**1200**	**1290**	**1250**	**1200**	**1290**	**1250**	**1200**	**1290**	**1250**	**1200**	**1290**	**1250**	**1200**
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	40.1	40.0	39.8	39.0	38.9	38.7	35.9	35.8	35.6	33.7	33.6	33.4	33.7	33.4	33.0
		Sens MBH	20.5	20.3	20.0	22.3	22.1	21.7	27.9	27.6	27.0	33.5	31.4	30.8	33.6	33.3	33.0
		Power KW	2.29	2.27	2.26	2.29	2.28	2.27	2.31	2.29	2.28	2.31	2.29	2.29	2.32	2.30	2.29
	80F(26.7C)	Total MBH	39.3	39.1	38.9	38.2	38.0	37.9	35.1	35.0	34.8	33.1	32.8	32.7	33.1	32.8	32.4
		Sens MBH	20.2	20.0	19.7	22.0	21.8	21.4	27.6	27.2	26.7	33.0	32.6	30.5	33.0	32.7	32.4
		Power KW	2.42	2.40	2.39	2.42	2.40	2.39	2.43	2.41	2.40	2.43	2.41	2.40	2.43	2.41	2.40
	85F(29.4C)	Total MBH	38.1	38.2	38.0	37.3	37.2	37.0	34.3	34.2	34.0	32.4	32.2	31.9	32.4	32.2	31.8
		Sens MBH	19.8	19.6	19.4	21.7	21.5	21.1	27.3	26.9	26.4	32.4	32.1	31.6	32.4	32.1	31.8
		Power KW	2.54	2.53	2.52	2.55	2.53	2.52	2.55	2.53	2.52	2.55	2.53	2.52	2.55	2.53	2.52
	90F(32.3C)	Total MBH	37.4	37.2	37.0	36.4	36.2	36.0	33.5	33.4	33.2	31.8	31.4	31.2	31.8	31.5	31.2
		Sens MBH	19.5	19.3	19.0	21.4	21.1	20.7	27.0	26.6	26.1	31.7	31.3	31.1	31.7	31.4	31.1
		Power KW	2.69	2.67	2.66	2.69	2.67	2.65	2.68	2.66	2.65	2.68	2.65	2.64	2.68	2.66	2.64
	95F(35.0C)	Total MBH	36.4	36.3	36.1	35.4	35.3	35.1	32.7	32.4	32.3	31.1	30.8	30.5	31.1	30.8	30.5
		Sens MBH	19.2	19.0	18.7	21.0	20.8	20.5	26.8	26.4	25.7	31.0	30.8	30.4	31.0	30.8	30.4
		Power KW	2.83	2.81	2.80	2.83	2.81	2.80	2.81	2.80	2.79	2.81	2.79	2.78	2.81	2.79	2.78
	100F(37.8C)	Total MBH	35.4	35.3	35.1	34.5	34.2	34.2	31.6	31.5	31.4	30.3	30.1	29.6	30.3	30.1	29.8
		Sens MBH	18.8	18.6	18.4	20.7	20.4	20.1	26.5	26.1	25.5	30.3	30.0	29.6	30.3	30.1	29.8
		Power KW	2.98	2.96	2.95	2.98	2.95	2.94	2.96	2.94	2.93	2.95	2.93	2.90	2.95	2.93	2.91
	105F(40.6C)	Total MBH	34.3	34.2	34.1	33.4	33.3	33.1	30.6	30.5	30.4	29.6	29.3	29.1	29.6	29.4	29.1
		Sens MBH	18.5	18.3	18.0	20.3	20.1	19.7	26.1	25.6	25.3	29.5	29.3	29.0	29.5	29.3	29.0
		Power KW	3.13	3.11	3.10	3.13	3.11	3.10	3.10	3.08	3.07	3.09	3.07	3.06	3.09	3.07	3.06
	110F(43.3C)	Total MBH	33.3	33.2	33.0	32.4	32.3	32.1	29.6	29.5	29.4	28.8	28.6	28.3	28.8	28.6	28.3
		Sens MBH	18.1	17.9	17.6	19.9	19.7	19.4	25.9	25.4	24.8	28.7	28.5	28.2	28.8	28.5	28.3
		Power KW	3.29	3.27	3.26	3.28	3.26	3.25	3.25	3.23	3.22	3.24	3.22	3.21	3.24	3.22	3.21
	115F(46.1C)	Total MBH	32.2	32.1	31.9	31.3	31.2	31.1	28.6	28.5	28.4	28.0	27.8	27.5	28.0	27.8	27.5
		Sens MBH	17.7	17.5	17.3	19.6	19.3	19.0	25.4	25.1	24.6	28.0	27.8	27.5	28.0	27.8	27.5
		Power KW	3.45	3.43	3.42	3.44	3.42	3.41	3.41	3.39	3.38	3.40	3.38	3.36	3.40	3.38	3.36
	120F(48.9C)	Total MBH	31.1	31.0	30.8	30.2	30.1	30.0	27.5	27.5	27.4	27.2	27.0	26.7	27.2	27.0	26.7
		Sens MBH	17.4	17.2	16.9	19.2	18.9	18.6	25.2	24.7	24.2	27.1	26.9	26.7	27.2	27.0	26.7
		Power KW	3.61	3.59	3.58	3.61	3.58	3.57	3.57	3.55	3.53	3.56	3.54	3.52	3.56	3.54	3.52
	125F(51.7C)	Total MBH	26.5	26.5	26.4	25.8	25.7	25.7	23.9	23.7	23.5	23.9	23.7	23.6	23.9	23.8	23.6
		Sens MBH	16.1	15.8	15.6	17.9	17.6	17.4	23.9	23.7	23.5	23.9	23.7	23.6	23.9	23.8	23.6
		Power KW	3.35	3.28	3.24	3.34	3.27	3.23	3.31	3.24	3.20	3.31	3.24	3.20	3.31	3.24	3.20

Note:Capacity value mentioned is Gross Capacity ,Capacity is derived and actual performance may vary as per standard tolerance

Power: Total Unit Input Power (kW)
DR: Depression Ratio
dhE: Entering Air Temperature in °F

When the entering air dry bulb temperature is other than 80.6 °F, adjust the sensible capacity from the table by adding 1.1xCFMX (1-DR) X (dbE-80.6)

PERFORMANCE DATA

MODEL			RIBL-042T/RVBL-042NTR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
DEPRESSION RATIO			0.2	0.22	0.24	0.2	0.22	0.24	0.2	0.22	0.24	0.2	0.22	0.24	0.2	0.22	0.24
CFM AIR VOL.			1560	1390	1260	1560	1390	1260	1560	1390	1260	1560	1390	1260	1560	1390	1260
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	50.1	49.4	48.7	48.8	48.1	47.4	44.9	44.3	43.6	42.0	41.5	41.0	42.0	40.8	39.7
		Sens MBH	25.3	24.4	23.6	27.6	26.5	25.5	34.7	32.8	31.4	42.0	37.3	35.5	42.0	40.8	39.7
		Power KW	2.84	2.82	2.82	2.84	2.82	2.82	2.84	2.82	2.82	2.84	2.82	2.82	2.84	2.82	2.82
	80F(26.7C)	Total MBH	49.0	48.3	47.5	47.7	47.0	46.4	43.9	43.3	42.7	41.3	40.5	40.0	41.3	40.0	38.9
		Sens MBH	24.9	24.0	23.1	27.2	26.1	25.2	34.4	32.4	31.0	41.3	37.0	35.2	41.3	40.0	38.9
		Power KW	3.00	2.98	2.97	3.00	2.98	2.98	2.99	2.97	2.97	2.99	2.97	2.96	2.99	2.96	2.96
	85F(29.4C)	Total MBH	47.9	47.2	46.6	46.6	46.0	45.3	42.9	42.4	41.7	40.5	39.6	39.1	40.5	39.3	38.2
		Sens MBH	24.5	23.6	22.8	26.8	25.7	24.8	34.1	32.0	30.6	40.5	36.6	34.7	40.5	39.3	38.2
		Power KW	3.16	3.14	3.14	3.16	3.14	3.13	3.15	3.13	3.12	3.14	3.11	3.11	3.14	3.11	3.11
	90F(32.3C)	Total MBH	46.7	46.1	45.5	45.5	44.9	44.3	41.8	41.2	40.7	39.7	38.6	38.1	39.7	38.5	37.5
		Sens MBH	24.1	23.2	22.4	26.4	25.3	24.4	33.7	31.7	30.2	39.7	38.6	34.3	39.7	38.5	37.5
		Power KW	3.33	3.31	3.31	3.33	3.30	3.30	3.31	3.28	3.28	3.29	3.27	3.26	3.29	3.27	3.26
	95F(35.0C)	Total MBH	45.5	44.9	44.3	44.3	43.7	43.1	40.5	40.1	39.7	38.8	37.7	37.2	38.8	37.7	36.7
		Sens MBH	23.7	22.8	22.0	26.0	24.9	24.0	33.1	31.4	29.8	38.8	37.7	33.9	38.8	37.7	36.7
		Power KW	3.51	3.48	3.48	3.50	3.48	3.47	3.47	3.45	3.45	3.46	3.43	3.42	3.46	3.43	3.42
	100F(37.8C)	Total MBH	44.3	43.7	43.2	43.1	42.5	42.0	39.5	39.0	38.5	37.9	36.9	36.0	37.9	36.9	35.9
		Sens MBH	23.3	22.4	21.6	25.6	24.5	23.5	32.9	31.0	29.5	37.9	36.9	33.6	37.9	36.9	35.9
		Power KW	3.69	3.66	3.66	3.68	3.65	3.65	3.64	3.62	3.61	3.63	3.60	3.59	3.63	3.60	3.59
	105F(40.6C)	Total MBH	43.0	42.5	41.9	41.9	41.3	40.8	38.3	37.9	37.4	37.0	36.0	35.1	37.0	36.0	35.1
		Sens MBH	22.9	22.0	21.2	25.1	24.0	23.1	32.5	30.6	29.2	37.0	36.0	35.1	37.0	36.0	35.1
		Power KW	3.87	3.85	3.84	3.86	3.83	3.83	3.82	3.79	3.79	3.80	3.77	3.76	3.80	3.77	3.76
	110F(43.3C)	Total MBH	41.7	41.2	40.7	40.6	40.1	39.6	37.1	36.6	36.3	36.2	35.1	34.2	36.1	35.1	34.2
		Sens MBH	22.4	21.5	20.8	24.7	23.6	22.7	32.1	30.2	28.8	36.2	35.1	34.2	36.1	35.1	34.2
		Power KW	4.06	4.03	4.02	4.05	4.02	4.01	4.00	3.98	3.97	3.99	3.95	3.94	3.99	3.95	3.94
	115F(46.1C)	Total MBH	40.4	39.9	39.4	39.3	38.8	38.4	35.8	35.5	35.1	35.1	34.1	33.3	34.9	34.2	33.4
		Sens MBH	22.0	21.1	20.3	24.2	23.1	22.2	31.7	29.9	28.3	35.1	34.1	33.3	34.9	34.2	33.4
		Power KW	4.25	4.22	4.22	4.24	4.21	4.20	4.18	4.16	4.15	4.17	4.13	4.12	4.17	4.14	4.12
	120F(48.9C)	Total MBH	39.0	38.5	38.1	37.9	37.5	37.1	34.6	34.2	33.9	34.1	33.2	32.4	34.1	33.2	32.4
		Sens MBH	21.5	20.6	19.9	23.8	22.7	21.8	31.2	29.4	27.9	34.1	33.2	32.4	34.1	33.2	32.4
		Power KW	4.45	4.42	4.41	4.43	4.41	4.40	4.37	4.35	4.34	4.37	4.33	4.31	4.37	4.33	4.31
	125F(51.7C)	Total MBH	37.6	37.2	36.8	36.6	36.2	35.8	33.2	32.9	32.6	33.1	32.2	31.4	33.1	32.2	31.4
		Sens MBH	21.1	20.2	19.4	23.3	22.2	21.3	30.8	29.0	27.6	33.1	32.2	31.4	33.1	32.2	31.4
		Power KW	4.65	4.62	4.61	4.63	4.60	4.60	4.57	4.54	4.53	4.56	4.52	4.51	4.56	4.53	4.51

MODEL			RIBL-042T/RVBL-042TR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
CFM AIR VOL.			1560	1390	1260	1560	1390	1260	1560	1390	1260	1560	1390	1260	1560	1390	1260
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	49.9	49.2	48.6	48.5	47.8	47.1	45.0	44.4	43.7	42.4	41.8	41.3	42.2	41.0	39.8
		Sens MBH	26.4	25.4	24.6	29.2	28.0	27.0	36.2	34.3	32.9	41.4	38.9	37.1	41.6	40.3	39.2
		Power KW	2.67	2.67	2.67	2.67	2.67	2.68	2.68	2.68	2.68	2.69	2.69	2.69	2.69	2.69	2.69
	80F(26.7C)	Total MBH	48.8	48.2	47.6	47.5	46.8	46.1	43.6	43.4	42.8	41.5	40.9	40.4	41.5	40.3	39.2
		Sens MBH	26.0	25.0	24.2	28.8	27.6	26.6	33.6	33.9	32.4	40.8	38.5	36.6	40.8	39.7	38.6
		Power KW	2.82	2.82	2.83	2.83	2.83	2.83	2.84	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83
	85F(29.4C)	Total MBH	47.8	47.1	46.5	46.4	45.9	45.2	43.1	42.5	41.7	40.7	39.9	39.4	40.7	39.5	38.5
		Sens MBH	25.6	24.6	23.9	28.4	27.2	26.2	35.5	33.5	32.1	40.0	38.1	36.3	40.0	38.9	37.9
		Power KW	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.97	2.97	2.98	2.97	2.97
	90F(32.3C)	Total MBH	46.6	46.0	45.5	45.4	44.8	44.2	42.0	41.5	40.9	39.9	38.9	38.5	39.9	38.7	37.8
		Sens MBH	25.2	24.2	23.5	28.0	26.8	25.8	35.2	33.1	31.6	39.3	37.7	35.8	39.3	38.1	37.2
		Power KW	3.15	3.15	3.15	3.15	3.15	3.14	3.14	3.14	3.13	3.13	3.13	3.12	3.13	3.12	3.12
	95F(35.0C)	Total MBH	45.6	45.0	44.4	44.3	43.7	43.1	40.9	40.4	39.9	39.1	37.9	37.6	39.1	38.0	37.0
		Sens MBH	24.7	23.8	23.0	27.5	26.3	25.4	34.8	32.8	31.2	38.4	37.3	35.4	38.4	37.4	36.4
		Power KW	3.32	3.32	3.32	3.32	3.32	3.31	3.30	3.30	3.30	3.29	3.28	3.28	3.29	3.28	3.28
	100F(37.8C)	Total MBH	44.3	43.8	43.3	43.1	42.5	42.0	39.7	39.3	38.9	38.2	37.1	36.5	38.2	37.1	36.2
		Sens MBH	24.3	23.4	22.6	27.1	25.9	25.0	34.4	32.4	30.8	37.5	36.5	35.0	37.5	36.5	35.6
		Power KW	3.50	3.50	3.50	3.49	3.49	3.49	3.47	3.47	3.46	3.46	3.45	3.44	3.46	3.45	3.44
	105F(40.6C)	Total MBH	43.1	42.6	42.1	41.8	41.3	40.8	38.6	38.1	37.7	37.3	36.2	35.5	37.3	36.3	35.5
		Sens MBH	23.8	22.9	22.2	26.6	25.4	24.5	33.9	32.0	30.4	36.7	35.7	34.6	36.7	35.7	34.8
		Power KW	3.68	3.68	3.68	3.68	3.67	3.67	3.65	3.64	3.64	3.63	3.62	3.61	3.63	3.62	3.61
	110F(43.3C)	Total MBH	41.8	41.3	40.8	40.6	40.1	39.6	37.4	37.0	36.6	36.4	35.5	34.6	36.4	35.5	34.6
		Sens MBH	23.4	22.5	21.7	26.1	25.0	24.0	33.5	31.7	30.1	35.8	34.8	33.9	35.8	34.8	33.9
		Power KW	3.87	3.87	3.86	3.86	3.86	3.85	3.83	3.82	3.82	3.82	3.80	3.79	3.82	3.80	3.79
	115F(46.1C)	Total MBH	40.5	40.0	39.6	39.3	38.8	38.4	36.2	35.8	35.5	35.5	34.5	33.7	35.5	34.5	33.7
		Sens MBH	22.9	22.0	21.2	25.7	24.5	23.6	33.0	31.2	29.7	34.8	33.9	33.0	34.8	33.9	33.1
		Power KW	4.07	4.06	4.06	4.05	4.05	4.04	4.01	4.01	4.00	4.00	3.99	3.98	4.00	3.99	3.98
	120F(48.9C)	Total MBH	39.2	38.7	38.3	38.0	37.6	37.1	35.0	34.6	34.3	34.5	33.6	32.8	34.5	33.6	32.8
		Sens MBH	22.4	21.5	20.8	25.2	24.0	23.1	32.7	30.8	29.3	33.8	33.0	32.2	33.8	32.9	32.2
		Power KW	4.26	4.26	4.25	4.25	4.24	4.24	4.20	4.20	4.19	4.20	4.18	4.17	4.20	4.18	4.17
	125F(51.7C)	Total MBH	37.8	37.4	37.0	36.7	36.3	35.9	33.7	33.4	33.1	33.5	32.6	31.9	33.5	32.6	31.9
		Sens MBH	21.9	21.0	20.3	24.7	23.5	22.6	32.2	30.3	28.8	32.8	31.9	31.2	32.8	32.0	31.3
		Power KW	4.47	4.46	4.45	4.45	4.44	4.44	4.40	4.39	4.39	4.39	4.38	4.36	4.39	4.38	4.36

Note:Capacity value mentioned is Gross Capacity ,Capacity is derived and actual performance may vary as per standard tolerance

Power: Total Unit Input Power (kW)
DR: Depression Ratio
dhE: Entering Air Temperature in °F

When the entering air dry bulb temperature is other than 80.6 °F, adjust the sensible capacity from the table by adding 1.1xCFMX (1-DR) X (dbE-80.6)

PERFORMANCE DATA

MODEL			RIBL-048T/RVBL-048NR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
DEPRESSION RATIO			0.21	0.23	0.25	0.21	0.23	0.25	0.21	0.23	0.25	0.21	0.23	0.25	0.21	0.23	0.25
CFM AIR VOL.			1560	1400	1250	1560	1400	1250	1560	1400	1250	1560	1400	1250	1560	1400	1250
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	54.4	53.5	52.6	52.9	52.1	51.1	48.6	47.8	46.9	46.1	44.8	44.0	44.5	43.4	42.6
		Sens MBH	28.4	27.4	26.4	30.8	29.6	28.4	38.1	36.3	34.5	43.7	41.1	38.8	44.5	43.4	40.9
		Power KW	3.20	3.14	3.11	3.20	3.14	3.11	3.20	3.13	3.10	3.19	3.13	3.09	3.19	3.12	3.09
	80F(26.7C)	Total MBH	53.1	52.3	51.5	51.7	51.0	50.0	47.5	46.8	45.9	44.4	43.9	43.1	43.9	42.6	41.6
		Sens MBH	27.9	26.9	25.9	30.3	29.2	28.0	37.7	35.9	34.1	43.0	40.8	38.4	43.9	42.6	40.6
		Power KW	3.34	3.28	3.25	3.34	3.28	3.25	3.33	3.27	3.24	3.32	3.26	3.23	3.32	3.25	3.22
	85F(29.4C)	Total MBH	51.9	51.1	50.2	50.4	49.7	48.9	46.3	45.7	44.9	43.4	42.7	42.1	43.0	41.8	40.7
		Sens MBH	27.4	26.5	25.5	29.8	28.7	27.5	37.3	35.4	33.7	42.7	40.3	38.0	43.0	41.8	40.1
		Power KW	3.51	3.44	3.41	3.50	3.44	3.41	3.49	3.42	3.39	3.47	3.41	3.37	3.47	3.40	3.36
	90F(32.3C)	Total MBH	50.6	49.8	49.0	49.2	48.5	47.7	45.1	44.6	43.8	42.2	41.7	41.2	42.2	41.0	39.7
		Sens MBH	26.9	26.0	25.0	29.4	28.2	27.1	36.9	34.9	33.2	42.1	39.8	37.6	42.2	41.0	39.7
		Power KW	3.68	3.62	3.59	3.68	3.61	3.58	3.65	3.59	3.55	3.63	3.56	3.54	3.63	3.56	3.52
	95F(35.0C)	Total MBH	49.2	48.6	47.8	47.9	47.2	46.5	44.0	43.4	42.7	41.3	40.6	37.6	40.7	40.1	38.8
		Sens MBH	26.5	25.5	24.6	28.9	27.7	26.6	35.2	34.5	32.7	41.3	39.3	36.2	40.7	40.1	38.8
		Power KW	3.88	3.81	3.78	3.87	3.80	3.75	3.77	3.74	3.73	3.80	3.74	3.67	3.80	3.73	3.69
	100F(37.8C)	Total MBH	47.9	47.3	46.6	46.6	46.0	45.2	42.7	42.1	41.5	40.4	39.5	39.1	40.4	39.3	38.0
		Sens MBH	26.0	25.0	24.1	28.4	27.2	26.1	36.0	34.2	32.2	40.4	38.9	36.8	40.4	39.3	38.0
		Power KW	4.09	4.02	3.98	4.07	4.01	3.97	4.03	3.96	3.92	3.99	3.92	3.89	3.99	3.92	3.87
	105F(40.6C)	Total MBH	46.5	45.9	45.2	45.3	44.7	44.0	41.5	40.9	40.3	39.5	38.4	38.0	39.5	38.4	37.2
		Sens MBH	25.5	24.5	23.6	27.9	26.7	25.6	35.6	33.7	31.9	39.5	38.4	36.3	39.5	38.4	37.2
		Power KW	4.32	4.25	4.21	4.30	4.23	4.19	4.24	4.17	4.13	4.20	4.12	4.09	4.20	4.12	4.07
	110F(43.3C)	Total MBH	45.2	44.6	43.9	43.9	43.4	42.7	40.2	39.7	39.1	38.5	37.4	36.7	38.5	37.5	36.3
		Sens MBH	25.0	24.1	23.1	27.4	26.3	25.1	35.1	33.2	31.5	38.5	37.4	35.7	38.5	37.5	36.3
		Power KW	4.56	4.49	4.44	4.53	4.46	4.42	4.46	4.39	4.34	4.42	4.34	4.29	4.42	4.34	4.28
	115F(46.1C)	Total MBH	43.8	43.2	42.6	42.6	42.1	41.5	38.9	38.5	37.9	37.4	36.5	35.5	37.5	36.5	35.4
		Sens MBH	24.5	23.6	22.6	26.9	25.8	24.7	34.7	32.8	31.0	37.4	36.5	35.3	37.5	36.5	35.4
		Power KW	4.81	4.74	4.70	4.78	4.71	4.67	4.69	4.62	4.58	4.65	4.57	4.51	4.65	4.57	4.51
	120F(48.9C)	Total MBH	42.4	41.9	41.3	41.2	40.7	40.1	37.6	37.2	36.7	36.4	35.5	34.5	36.4	35.5	34.5
		Sens MBH	24.0	23.1	22.1	26.4	25.3	24.2	34.2	32.3	30.5	36.4	35.5	34.5	36.4	35.5	34.5
		Power KW	5.08	5.01	4.96	5.05	4.97	4.93	4.94	4.87	4.82	4.90	4.81	4.75	4.90	4.81	4.75
	125F(51.7C)	Total MBH	41.0	40.5	39.9	39.8	39.4	38.8	36.3	35.9	35.4	35.4	34.5	33.5	35.4	34.5	33.5
		Sens MBH	23.5	22.6	21.7	25.9	24.8	23.7	33.6	31.9	30.0	35.4	34.5	33.5	35.4	34.5	33.5
		Power KW	5.36	5.29	5.24	5.32	5.25	5.20	5.20	5.13	5.08	5.17	5.07	5.01	5.17	5.08	5.01

MODEL			RIBL-048T/RVBL-048TR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
CFM AIR VOL.			1560	1400	1250	1560	1400	1250	1560	1400	1250	1560	1400	1250	1560	1400	1250
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	53.8	52.9	52.1	52.1	51.2	50.4	48.1	47.2	46.4	45.1	44.5	43.7	44.1	42.7	42.0
		Sens MBH	27.5	26.4	25.6	30.2	28.9	27.9	36.8	35.0	33.5	41.7	39.4	37.4	43.2	41.8	39.8
		Power KW	3.07	3.01	2.98	3.07	3.01	2.98	3.07	3.00	2.97	3.06	3.00	2.97	3.06	2.99	2.96
	80F(26.7C)	Total MBH	52.7	51.7	51.0	50.9	50.1	49.3	47.0	46.2	45.5	44.1	43.4	42.8	43.4	42.0	41.1
		Sens MBH	27.0	26.0	25.2	29.7	28.5	27.5	36.4	34.6	33.1	41.3	38.9	37.0	42.4	41.1	39.4
		Power KW	3.21	3.15	3.12	3.21	3.15	3.12	3.20	3.14	3.11	3.19	3.13	3.10	3.19	3.12	3.09
	85F(29.4C)	Total MBH	51.3	50.6	49.8	49.7	49.0	48.2	45.9	45.2	44.5	43.0	42.4	41.9	42.6	41.3	40.2
		Sens MBH	26.6	25.6	24.7	29.2	28.0	27.0	36.1	34.1	32.6	40.8	38.5	36.7	41.6	40.4	39.0
		Power KW	3.37	3.31	3.28	3.37	3.30	3.27	3.35	3.29	3.26	3.34	3.27	3.24	3.33	3.27	3.23
	90F(32.3C)	Total MBH	50.1	49.3	48.6	48.5	47.7	47.1	44.7	44.0	43.4	41.9	41.4	40.8	41.7	40.4	39.3
		Sens MBH	26.1	25.1	24.3	28.8	27.6	26.6	35.7	33.6	32.2	40.4	38.1	36.2	40.8	39.5	38.4
		Power KW	3.55	3.48	3.45	3.54	3.47	3.44	3.52	3.45	3.42	3.50	3.43	3.40	3.49	3.42	3.38
	95F(35.0C)	Total MBH	48.8	48.1	47.4	47.3	46.5	45.9	43.5	42.9	42.4	40.9	40.3	39.8	40.9	39.6	38.5
		Sens MBH	25.6	24.6	23.9	28.3	27.1	26.1	35.3	33.3	31.7	39.9	37.7	35.8	40.0	38.7	37.7
		Power KW	3.74	3.67	3.64	3.73	3.66	3.62	3.69	3.63	3.59	3.67	3.60	3.57	3.67	3.59	3.55
	100F(37.8C)	Total MBH	47.5	46.8	46.2	46.0	45.3	44.7	42.4	41.7	41.2	40.0	39.2	38.7	40.0	38.8	37.7
		Sens MBH	25.2	24.2	23.4	27.8	26.6	25.7	34.8	33.0	31.3	39.1	37.2	35.4	39.1	37.9	36.9
		Power KW	3.95	3.88	3.84	3.93	3.86	3.82	3.89	3.82	3.78	3.85	3.79	3.75	3.86	3.78	3.73
	105F(40.6C)	Total MBH	46.1	45.5	44.9	44.7	44.1	43.5	41.1	40.5	40.0	39.1	37.5	37.6	39.1	37.9	36.9
		Sens MBH	24.7	23.7	22.9	27.4	26.2	25.2	34.4	32.5	30.9	38.2	36.6	34.9	38.2	37.1	36.1
		Power KW	4.17	4.10	4.06	4.15	4.08	4.04	4.09	4.02	3.98	4.06	3.97	3.94	4.06	3.98	3.93
	110F(43.3C)	Total MBH	44.8	44.2	43.6	43.4	42.8	42.3	39.9	39.4	38.8	38.1	37.0	36.5	38.1	37.0	36.1
		Sens MBH	24.2	23.2	22.5	26.9	25.7	24.7	33.9	32.0	30.6	37.2	36.2	34.5	37.3	36.2	35.2
		Power KW	4.41	4.34	4.29	4.38	4.31	4.27	4.31	4.24	4.20	4.28	4.19	4.15	4.28	4.19	4.14
	115F(46.1C)	Total MBH	43.5	42.9	42.3	42.1	41.5	41.0	38.6	38.1	37.6	37.1	36.1	35.4	37.1	36.1	35.2
		Sens MBH	23.7	22.8	22.0	26.4	25.2	24.3	33.6	31.6	30.1	36.2	35.3	34.0	36.3	35.3	34.3
		Power KW	4.66	4.59	4.54	4.63	4.56	4.51	4.54	4.47	4.43	4.51	4.42	4.37	4.51	4.42	4.36
	120F(48.9C)	Total MBH	42.1	41.5	41.0	40.7	40.2	39.7	37.3	36.9	36.5	36.1	35.2	34.3	36.2	35.2	34.3
		Sens MBH	23.2	22.3	21.5	25.9	24.7	23.8	33.1	31.1	29.6	35.3	34.3	33.4	35.3	34.3	33.4
		Power KW	4.93	4.85	4.81	4.89	4.81	4.77	4.79	4.72	4.67	4.75	4.66	4.60	4.75	4.66	4.60
	125F(51.7C)	Total MBH	40.7	40.2	39.7	39.4	38.9	38.4	36.1	35.6	35.2	35.2	34.2	33.3	35.2	34.2	33.3
		Sens MBH	22.7	21.8	21.0	25.4	24.2	23.3	32.5	30.8	29.2	34.3	33.4	32.5	34.3	33.3	32.5
		Power KW	5.20	5.13	5.08	5.16	5.09	5.04	5.05	4.97	4.93	5.02	4.92	4.86	5.02	4.92	4.86

Note:Capacity value mentioned is Gross Capacity ,Capacity is derived and actual performance may vary as per standard tolerance

PERFORMANCE DATA

MODEL			RIBL-054T/RVBL-054NR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
DEPRESSION RATIO			0.14	0.16	0.18	0.14	0.16	0.18	0.14	0.16	0.18	0.14	0.16	0.18	0.14	0.16	0.18
CFM AIR VOL.			1825	1720	1640	1825	1720	1640	1825	1720	1640	1825	1720	1640	1825	1720	1640
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	65.6	65.1	64.7	63.9	63.4	62.9	58.8	58.3	57.8	55.1	54.7	54.3	54.2	53.3	52.6
		Sens MBH	31.6	30.9	30.4	34.3	33.5	32.9	42.6	41.4	40.8	48.5	47.0	45.9	54.2	53.3	48.2
		Power KW	3.71	3.68	3.65	3.72	3.68	3.65	3.73	3.68	3.67	3.72	3.68	3.65	3.72	3.68	3.65
	80F(26.7C)	Total MBH	64.2	63.7	63.3	62.3	62.0	61.5	57.4	56.9	56.5	53.8	53.4	53.1	53.2	52.3	51.6
		Sens MBH	31.0	30.4	30.0	33.7	33.0	32.4	42.2	41.0	40.0	47.9	46.5	45.4	53.2	52.3	51.6
		Power KW	3.95	3.90	3.88	3.93	3.90	3.88	3.94	3.90	3.87	3.94	3.89	3.86	3.93	3.89	3.86
	85F(29.4C)	Total MBH	62.7	62.2	61.8	61.0	60.5	60.1	56.0	55.5	55.1	52.5	52.1	51.8	52.2	51.3	50.6
		Sens MBH	30.6	29.9	29.5	33.3	32.5	31.9	41.7	40.5	39.6	47.4	46.0	44.8	52.2	51.3	50.6
		Power KW	4.18	4.13	4.11	4.18	4.13	4.10	4.16	4.12	4.09	4.15	4.10	4.07	4.15	4.10	4.07
	90F(32.3C)	Total MBH	61.2	60.7	60.3	59.6	59.1	58.7	54.6	54.1	53.8	51.0	50.7	50.4	51.1	50.3	49.6
		Sens MBH	30.1	29.4	29.0	32.8	32.0	31.4	41.3	40.1	39.1	46.7	45.5	44.4	51.1	50.3	49.6
		Power KW	4.41	4.36	4.33	4.40	4.35	4.33	4.38	4.33	4.31	4.36	4.31	4.29	4.36	4.31	4.28
	95F(35.0C)	Total MBH	59.7	59.2	58.8	58.0	57.6	57.2	53.5	52.7	52.4	50.0	49.4	49.1	50.0	49.2	48.5
		Sens MBH	29.5	28.9	28.4	32.2	31.5	30.9	40.8	39.6	38.7	50.0	44.9	43.8	50.0	49.2	48.5
		Power KW	4.63	4.59	4.56	4.63	4.58	4.55	4.51	4.48	4.45	4.49	4.44	4.41	4.49	4.44	4.41
	100F(37.8C)	Total MBH	58.1	57.6	57.3	56.5	56.0	55.7	51.6	51.3	50.9	48.8	48.1	47.7	48.8	48.1	47.4
		Sens MBH	29.0	28.4	27.9	31.7	31.0	30.4	40.3	39.1	38.2	48.8	48.1	43.2	48.8	48.1	47.4
		Power KW	4.86	4.81	4.79	4.85	4.81	4.78	4.82	4.80	4.75	4.80	4.75	4.72	4.80	4.75	4.71
	105F(40.6C)	Total MBH	56.5	56.0	55.7	54.9	54.4	54.1	50.1	49.7	49.5	47.7	46.9	46.4	47.7	46.9	46.3
		Sens MBH	28.5	27.9	27.4	31.2	30.4	29.8	39.8	38.6	37.6	47.7	46.9	42.5	47.7	46.9	46.3
		Power KW	5.08	5.04	5.01	5.08	5.03	5.00	5.04	4.99	4.97	5.02	4.97	4.93	5.02	4.97	4.93
	110F(43.3C)	Total MBH	54.8	54.4	54.1	53.2	52.8	52.5	48.5	48.3	47.9	46.5	45.8	45.2	46.5	45.8	45.2
		Sens MBH	27.9	27.3	26.8	30.6	29.9	29.3	39.3	38.1	37.1	46.5	45.8	45.2	46.5	45.8	45.2
		Power KW	5.31	5.26	5.23	5.30	5.25	5.23	5.26	5.22	5.19	5.24	5.19	5.15	5.24	5.19	5.15
	115F(46.1C)	Total MBH	53.1	52.7	52.4	51.5	51.2	50.9	46.9	46.7	46.4	45.3	44.6	44.0	45.3	44.6	44.0
		Sens MBH	27.4	26.8	26.3	30.2	29.4	28.8	38.7	37.6	36.6	45.3	44.6	44.0	45.3	44.6	44.0
		Power KW	5.53	5.48	5.46	5.52	5.47	5.45	5.48	5.43	5.40	5.46	5.41	5.38	5.46	5.41	5.38
	120F(48.9C)	Total MBH	51.4	51.0	50.7	49.8	49.5	49.2	45.4	45.0	44.8	44.0	43.3	42.8	44.0	43.4	42.8
		Sens MBH	26.9	26.3	25.8	29.6	28.9	28.3	38.1	37.0	36.1	44.0	43.3	42.8	44.0	43.4	42.8
		Power KW	5.75	5.70	5.67	5.74	5.69	5.66	5.70	5.65	5.62	5.68	5.63	5.60	5.68	5.63	5.60
	125F(51.7C)	Total MBH	50.3	49.2	49.0	48.1	47.8	47.5	43.7	43.5	43.2	42.7	42.3	41.6	42.7	42.1	41.6
		Sens MBH	26.6	25.7	25.3	29.1	28.4	27.8	37.5	36.4	35.5	42.7	42.3	41.6	42.7	42.1	41.6
		Power KW	5.99	5.92	5.89	5.96	5.91	5.88	5.91	5.87	5.84	5.90	5.85	5.82	5.90	5.85	5.82

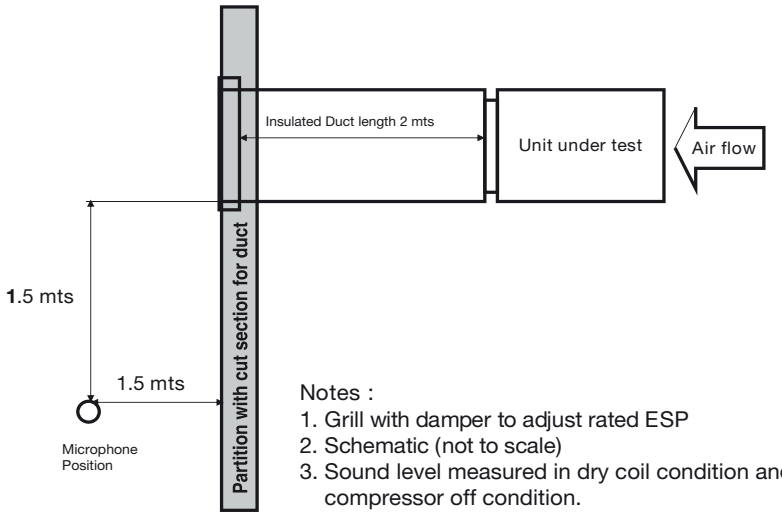
MODEL			RIBL-054T/RVBL-054TR														
INDOOR TEMP °F			80.6 F (27.0C) DB / 73.0 F (22.8C) WB			80.6 F (27.0C) DB / 71.0 F (21.7C) WB			80.6 F (27.0C) DB / 66.2F (19.0C) WB			80.6 F (27C) DB / 63.0 F (17.2C) WB			80.6 F (27.0C) DB / 61.0 F (16.1C) WB		
			High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low	High	Med	Low
CFM AIR VOL.			1825	1720	1640	1825	1720	1640	1825	1720	1640	1825	1720	1640	1825	1720	1640
OUTDOOR TEMPERATURE °F	75F(23.9C)	Total MBH	65.7	65.1	64.6	63.7	63.1	62.7	58.8	58.3	57.9	55.4	55.0	54.6	54.3	53.4	52.7
		Sens MBH	33.5	32.8	32.2	36.8	36.0	35.4	45.2	43.9	42.9	51.1	49.6	48.4	52.9	52.0	51.2
		Power KW	3.54	3.47	3.47	3.55	3.50	3.48	3.55	3.51	3.48	3.55	3.51	3.48	3.55	3.51	3.48
	80F(26.7C)	Total MBH	64.2	63.7	63.2	62.3	61.7	61.3	57.4	57.0	56.6	54.0	53.7	53.0	53.3	52.4	51.7
		Sens MBH	33.0	32.3	31.7	36.3	35.5	34.8	44.8	43.5	42.5	50.6	49.0	47.7	51.9	51.0	50.3
		Power KW	3.77	3.70	3.70	3.77	3.73	3.70	3.77	3.72	3.70	3.77	3.72	3.68	3.76	3.72	3.69
	85F(29.4C)	Total MBH	62.8	62.3	61.6	60.8	60.3	59.4	56.1	55.6	55.2	52.7	52.3	52.0	52.7	51.4	50.7
		Sens MBH	32.4	31.8	31.1	35.7	34.9	34.1	44.3	43.0	42.0	50.0	48.5	47.3	51.3	50.0	49.3
		Power KW	4.00	3.93	3.91	4.00	3.96	3.93	3.99	3.94	3.92	3.98	3.93	3.91	3.98	3.93	3.90
	90F(32.3C)	Total MBH	61.3	60.8	60.3	59.3	58.9	58.5	54.6	54.2	53.8	51.4	51.0	50.7	51.2	50.4	49.7
		Sens MBH	31.9	31.2	30.6	35.2	34.4	33.7	43.8	42.5	41.5	49.4	48.0	46.8	49.8	49.0	48.3
		Power KW	4.23	4.16	4.16	4.23	4.18	4.16	4.21	4.17	4.14	4.20	4.15	4.12	4.20	4.14	4.11
	95F(35.0C)	Total MBH	59.7	59.3	58.8	57.8	57.4	57.0	53.2	52.8	52.4	50.1	49.6	49.3	50.1	49.3	48.7
		Sens MBH	31.3	30.7	30.1	34.6	33.8	33.2	43.3	42.0	41.0	48.6	47.3	46.2	48.7	47.9	47.3
		Power KW	4.46	4.39	4.39	4.46	4.41	4.38	4.44	4.39	4.36	4.42	4.37	4.34	4.42	4.36	4.33
	100F(37.8C)	Total MBH	58.1	57.7	57.3	56.3	55.8	55.5	51.7	51.3	51.0	49.0	48.3	47.9	49.3	48.2	47.6
		Sens MBH	30.8	30.1	29.5	34.1	33.3	32.6	42.7	41.4	40.5	47.5	46.7	45.6	47.9	46.8	46.2
		Power KW	4.69	4.62	4.62	4.69	4.64	4.61	4.66	4.61	4.58	4.64	4.58	4.56	4.65	4.58	4.55
	105F(40.6C)	Total MBH	56.5	56.1	55.7	54.7	54.3	53.9	50.1	49.8	49.5	47.8	47.1	46.5	47.8	47.1	46.5
		Sens MBH	30.2	29.5	28.9	33.5	32.7	32.1	42.2	40.9	39.9	46.4	45.7	44.9	46.4	45.7	45.1
		Power KW	4.92	4.85	4.85	4.91	4.86	4.84	4.88	4.83	4.81	4.86	4.81	4.78	4.86	4.81	4.77
	110F(43.3C)	Total MBH	54.8	54.4	54.0	53.0	52.7	52.3	48.6	48.3	48.0	46.6	45.9	45.3	46.6	46.0	45.3
		Sens MBH	29.6	29.0	28.4	33.0	32.1	31.5	41.7	40.4	39.4	45.3	44.6	43.9	45.3	44.7	44.0
		Power KW	5.15	5.08	5.07	5.14	5.09	5.07	5.11	5.06	5.03	5.08	5.03	5.00	5.08	5.03	5.00
	115F(46.1C)	Total MBH	53.1	52.8	52.4	51.3	51.0	50.7	47.0	46.7	46.4	45.4	44.7	44.1	45.4	44.7	44.1
		Sens MBH	29.0	28.4	27.8	32.4	31.6	31.0	41.0	39.8	38.8	44.0	43.4	42.8	44.1	43.4	42.9
		Power KW	5.37	5.30	5.30	5.36	5.32	5.29	5.33	5.28	5.25	5.31	5.26	5.22	5.31	5.26	5.22
	120F(48.9C)	Total MBH	51.4	51.1	50.7	49.6	49.3	49.0	45.4	45.1	44.9	44.1	43.1	42.9	44.1	43.5	42.9
		Sens MBH	28.5	27.8	27.2	31.9	31.0	30.4	40.4	39.2	38.3	42.8	41.8	41.6	42.8	42.2	41.7
		Power KW	5.60	5.52	5.52	5.59	5.54	5.51	5.55	5.50	5.47	5.53	5.46	5.45	5.53	5.48	5.45
	125F(51.7C)	Total MBH	49.6	49.3	48.9	47.9	47.5	47.3	43.7	43.5	43.2	42.8	41.6	41.7	42.9	42.2	41.7
		Sens MBH	27.9	27.3	26.7	31.4	30.5	29.9	39.8	38.6	37.6	41.5	40.4	40.4	41.6	40.9	40.4
		Power KW	5.82	5.75	5.74	5.81	5.76	5.73	5.77	5.72	5.69	5.76	5.69	5.67	5.76	5.70	5.67

Note:Capacity value mentioned is Gross Capacity ,Capacity is derived and actual performance may vary as per standard tolerance

SOUND LEVEL DATA

Model	Speed	1/1 Octave Sound Pressure (dB, ref 20µPa)								Overall		Noise Criteria
		63 Hz	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz	8 KHz	dB	dBA	
RIBL-012T	High	47.0	44.0	39.6	39.0	34.3	27.5	20.4	14.6	**57.2**	**39.7**	**35**
	Medium	54.6	44.9	39.1	37.7	33.8	27.1	19.3	14.5	**59.6**	**39.3**	**35**
	Low	49.3	44.7	38.1	38.0	32.7	25.3	17.8	14.4	**58.2**	**38.6**	**35**
RIBL-018T	High	47.6	44.7	41.8	38.8	35.8	27.3	20.2	14.5	**56.3**	**40.5**	**35**
	Medium	48.5	42.7	40.5	37.7	34.1	25.5	18.2	14.2	**55.5**	**39.1**	**35**
	Low	48.1	42.0	40.0	37.1	33.4	24.6	17.4	14.3	**54.9**	**38.4**	**35**
RIBL-024T	High	50.8	50.8	51.0	47.5	38.9	30.6	23.6	15.9	**58.8**	**47.5**	**45**
	Medium	50.6	50.1	50.0	46.5	37.9	29.2	22.0	15.5	**58.6**	**46.5**	**40**
	Low	50.5	49.7	49.4	45.8	39.3	31.3	24.2	15.8	**58.1**	**46.3**	**40**
RIBL-030T	High	50.9	52.2	47.7	43.0	40.9	34.4	29.8	19.7	**58.7**	**45.9**	**40**
	Medium	51.7	51.4	48.1	42.9	40.1	32.3	26.8	18.2	**58.0**	**45.4**	**40**
	Low	51.8	50.4	46.6	42.2	39.8	32.9	27.8	18.2	**57.4**	**44.8**	**40**
RIBL-036T	High	50.4	53.5	49.2	44.2	41.3	33.7	28.6	19.4	**58.4**	**46.7**	**40**
	Medium	50.9	52.2	47.7	43.0	40.9	34.4	29.8	19.7	**58.7**	**45.9**	**40**
	Low	51.7	51.4	48.1	42.9	40.1	32.3	26.8	18.2	**58.0**	**45.4**	**40**
RIBL-042T	High	53.8	59.1	51.2	49.3	43.5	39.8	36.1	26.0	**66.4**	**50.7**	**45**
	Medium	56.6	57.6	48.7	47.4	42.2	38.9	35.0	24.6	**66.8**	**49.1**	**45**
	Low	52.9	56.3	48.2	46.6	41.2	37.5	33.3	22.6	**63.4**	**48.1**	**45**
RIBL-048T	High	56.4	61.1	52.6	50.8	45.3	41.9	38.6	29.0	**65.4**	**52.5**	**50**
	Medium	53.8	59.1	51.2	49.3	43.5	39.8	36.1	26.0	**66.4**	**50.7**	**45**
	Low	56.6	57.6	48.7	47.4	42.2	38.9	35.0	24.6	**66.8**	**49.1**	**45**
RIBL-054T	High	53.9	59.5	56.9	51.9	45.6	40.8	36.3	28.8	**65.3**	**53.4**	**50**
	Medium	52.3	58.1	56.0	51.3	44.8	39.8	35.2	27.6	**64.6**	**52.6**	**50**
	Low	53.9	57.4	55.1	50.6	44.1	38.9	33.9	26.3	**63.0**	**51.8**	**50**

Sound Testing Arrangement



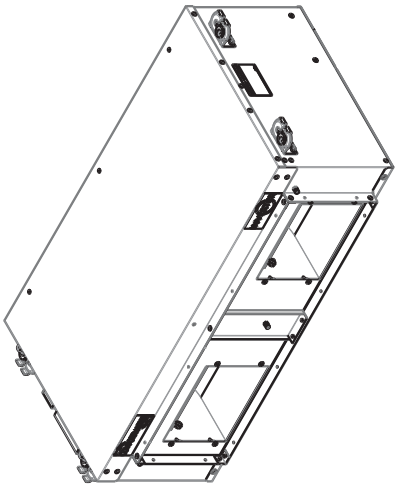
Notes :
1. Grill with damper to adjust rated ESP
2. Schematic (not to scale)
3. Sound level measured in dry coil condition and compressor off condition.

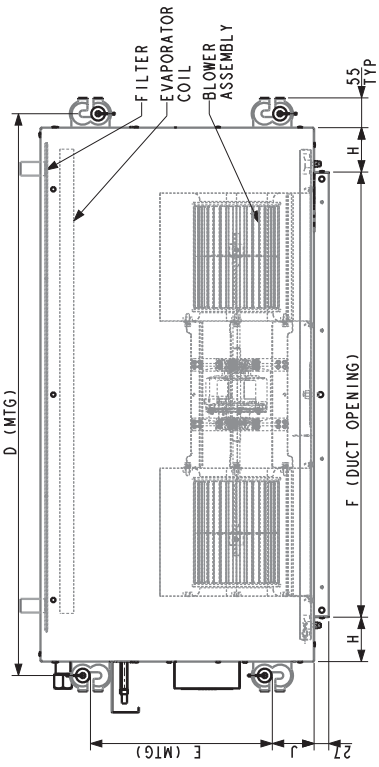
AIR FLOW PERFORMANCE DATA -RIBL-T 50Hz

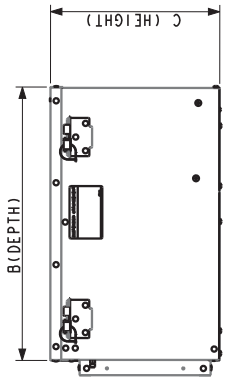
AIR FLOW PERFORMANCE DATA - RIBL-T 50Hz								
MODEL	BLOWER MOTOR SPEED	PERFORMANCE	CFM @ EXTERNAL STATIC PRESSURE (Inches of Water)					
			0	0.1	0.15	0.2	0.3	0.4
RIBL-012T	5	CFM	455	360	290	-	-	-
		POWER	50	45	40	-	-	-
	4	CFM	510	435	340	-	-	-
		POWER	55	50	45	-	-	-
	3	CFM	575	500	400	-	-	-
		POWER	65	60	50	-	-	-
	2	CFM	675	590	400	-	-	-
		POWER	80	70	60	-	-	-
	1	CFM	795	680	600	-	-	-
		POWER	95	85	80	-	-	-
RIBL-018T	5	CFM	460	360	-	-	-	-
		POWER	50	40	-	-	-	-
	4	CFM	515	390	310	-	-	-
		POWER	50	45	40	-	-	-
	3	CFM	580	485	360	-	-	-
		POWER	60	50	50	-	-	-
	2	CFM	675	570	435	280	-	-
		POWER	70	65	60	50	-	-
	1	CFM	785	650	560	290	-	-
		POWER	90	80	70	60	-	-
RIBL-024T	5	CFM	850	750	700	630	460	-
		POWER	120	115	110	105	100	
	4	CFM	890	795	745	695	520	-
		POWER	130	125	120	115	110	-
	3	CFM	930	840	795	740	585	-
		POWER	140	135	130	125	120	-
	2	CFM	980	890	845	790	640	-
		POWER	150	145	140	135	130	-
	1	CFM	1030	945	900	845	690	-
		POWER	170	160	155	150	140	-
RIBL-030T	5	CFM	1355	1225	1145	1045	615	-
		POWER	190	160	150	140	95	-
	4	CFM	1420	1280	1200	1100	635	-
		POWER	200	180	165	150	100	-
	3	CFM	1485	1330	1250	1145	705	-
		POWER	210	185	170	160	120	-
	2	CFM	1560	1385	1290	1185	720	-
		POWER	220	190	180	170	130	-
	1	CFM	1635	1455	1355	1235	785	-
		POWER	270	250	240	230	190	-
RIBL-036T	5	CFM	1355	1225	1145	1045	615	-
		POWER	190	160	150	140	95	-
	4	CFM	1420	1280	1200	1100	635	-
		POWER	200	180	165	150	100	-
	3	CFM	1485	1330	1250	1145	705	-
		POWER	210	185	170	160	120	-
	2	CFM	1560	1385	1290	1185	720	-
		POWER	220	190	180	170	130	-
	1	CFM	1635	1455	1355	1235	785	-
		POWER	270	250	240	230	190	-
RIBL-042T	5	CFM	1200	1150	1100	1040	740	380
		POWER	230	210	200	180	130	100
	4	CFM	1310	1290	1260	1180	880	470
		POWER	250	240	230	200	150	120
	3	CFM	1520	1460	1390	1250	890	480
		POWER	290	250	230	200	150	120
	2	CFM	1810	1660	1560	1400	980	480
		POWER	310	270	250	230	180	140
	1	CFM	2025	1810	1700	1560	1200	540
		POWER	360	330	310	290	260	210
RIBL-048T	5	CFM	1200	1150	1100	1040	740	380
		POWER	230	210	200	180	130	100
	4	CFM	1310	1290	1260	1180	880	470
		POWER	250	240	230	200	150	120
	3	CFM	1520	1460	1390	1250	890	480
		POWER	290	250	230	200	150	120
	2	CFM	1810	1660	1560	1400	980	480
		POWER	310	270	250	230	180	140
	1	CFM	2025	1810	1700	1560	1200	540
		POWER	360	330	310	290	260	210
RIBL-054T	5	CFM	1730	1690	1630	1560	1180	465
		POWER	340	315	300	285	235	165
	4	CFM	1965	1830	1740	1640	1200	475
		POWER	365	325	305	295	245	180
	3	CFM	2130	1950	1835	1720	1265	490
		POWER	395	355	335	320	275	205
	2	CFM	2285	2065	1935	1825	1370	530
		POWER	435	400	385	365	325	270
	1	CFM	2390	2155	2025	1890	1435	600
		POWER	520	500	480	465	435	390

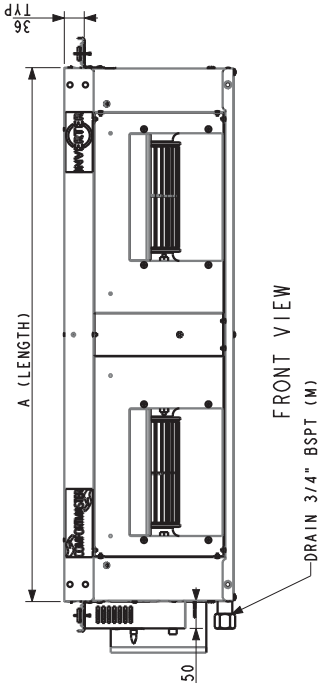
* Air flow at dry coil condition and at standard T1 ambient temperature condition

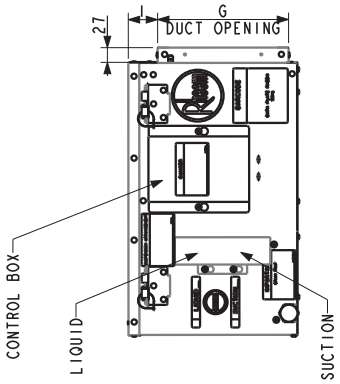
GENERAL ARRANGEMENT DRAWING Indoor Units





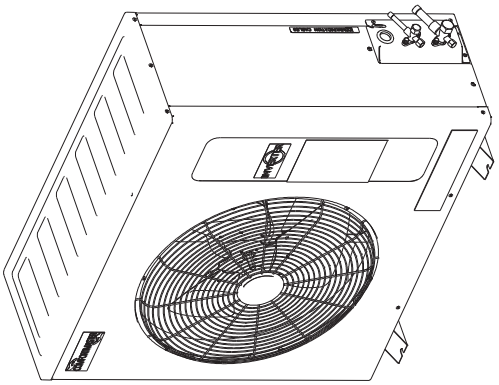




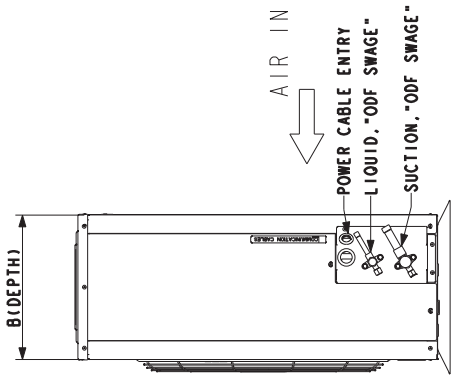


MODEL	A	B	C	D	E	F	G	H	I	J	SUCTION SIZE	LIQUID SIZE
RIBL-012T/018T	977	500	310	1029	333	815	240	81	54	77	1/2"	3/8"
RIBL-024T	1252	500	310	1304	333	1010	240	121	54	77	5/8"	3/8"
RIBL-030T/036T	1252	602	400	1304	359	1010	297	121	87	101	5/8"	3/8"
RIBL-042T/048T	1402	602	400	1454	359	1074	297	164	87	101	3/4"	3/8"
RIBL-054T	1402	602	479	1454	359	1074	344	164	119	101	3/4"	3/8"

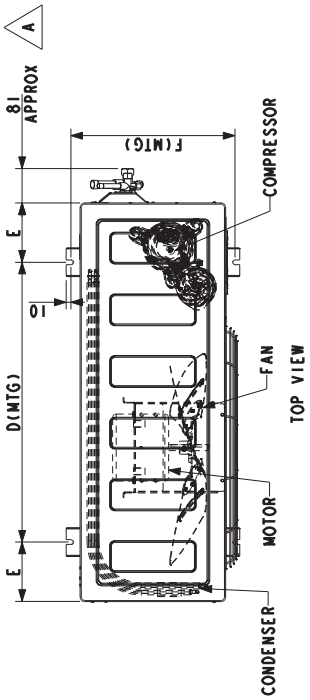
GENERAL ARRANGEMENT DRAWING Outdoor Units



ISOMETRIC VIEW

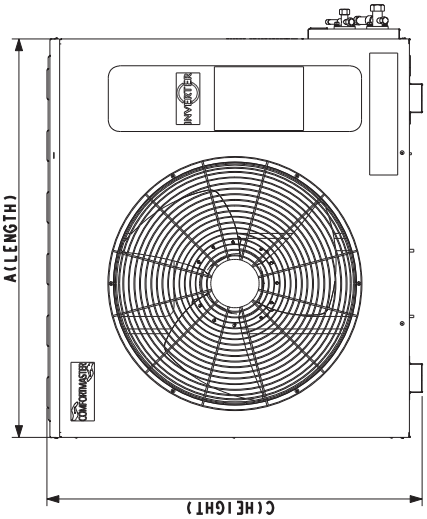


SIDE VIEW



TOP VIEW

AIR OUT

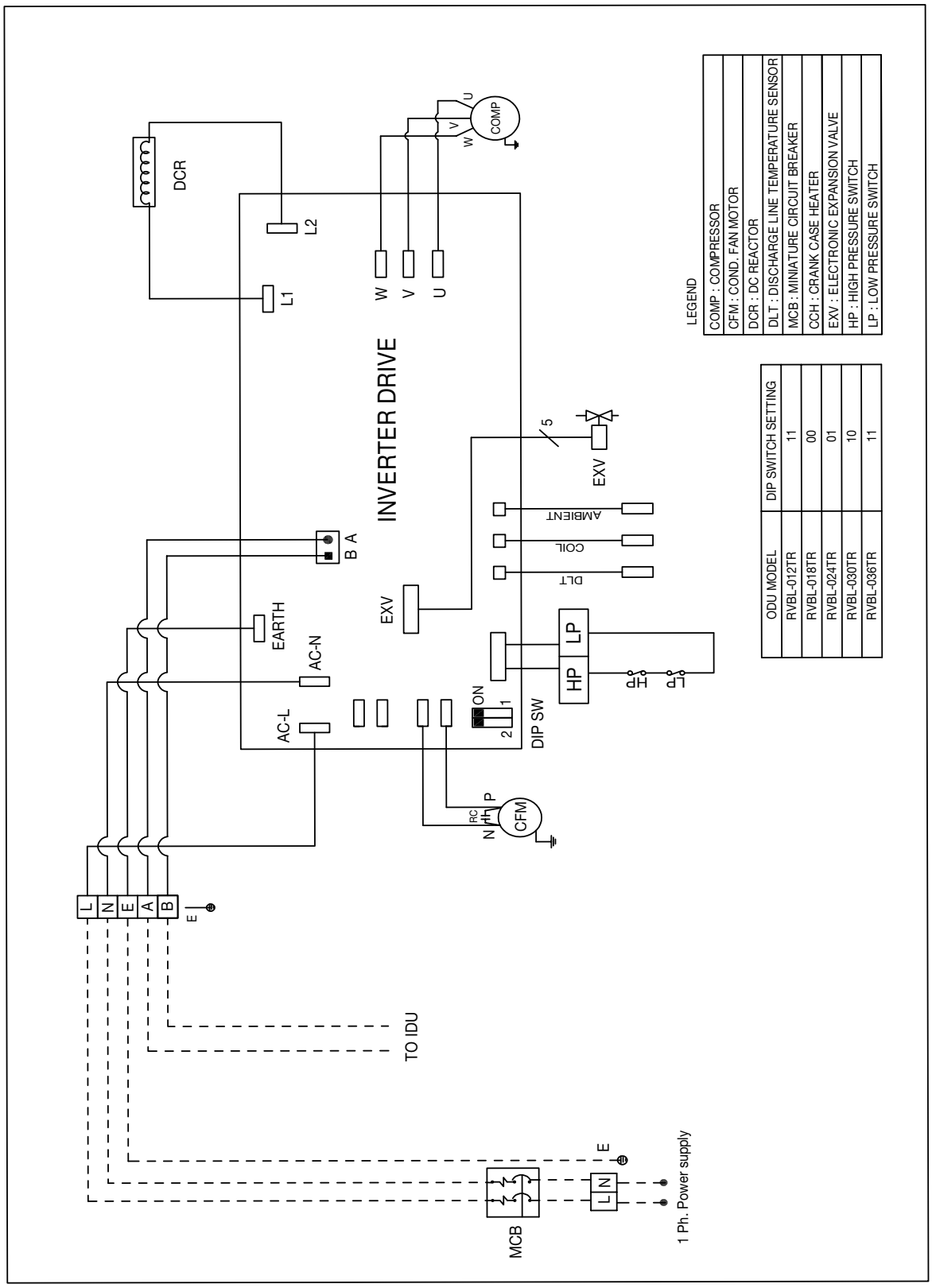


FRONT VIEW

MODEL-50Hz.	A	B	C	D	E	F	SUCTION CONNECTION	LIQUID CONNECTION	FAN DIA
RVBL-054NR/054TR	1020	416	1045	680	170	445	3/4"	3/8"	26"
RVBL-042NR/048NR/042TR/048TR	1020	416	930	680	170	445	3/4"	3/8"	24"
RVBL-036TR/036NR	1020	416	930	680	170	445	5/8"	3/8"	24"
RVBL-024TR/030TR	850	310	800	595	125	350	5/8"	3/8"	20"
RVBL-018TR	850	310	690	595	125	350	1/2"	3/8"	18"
RVBL-012TR	850	310	550	535	157	350	1/2"	3/8"	16"

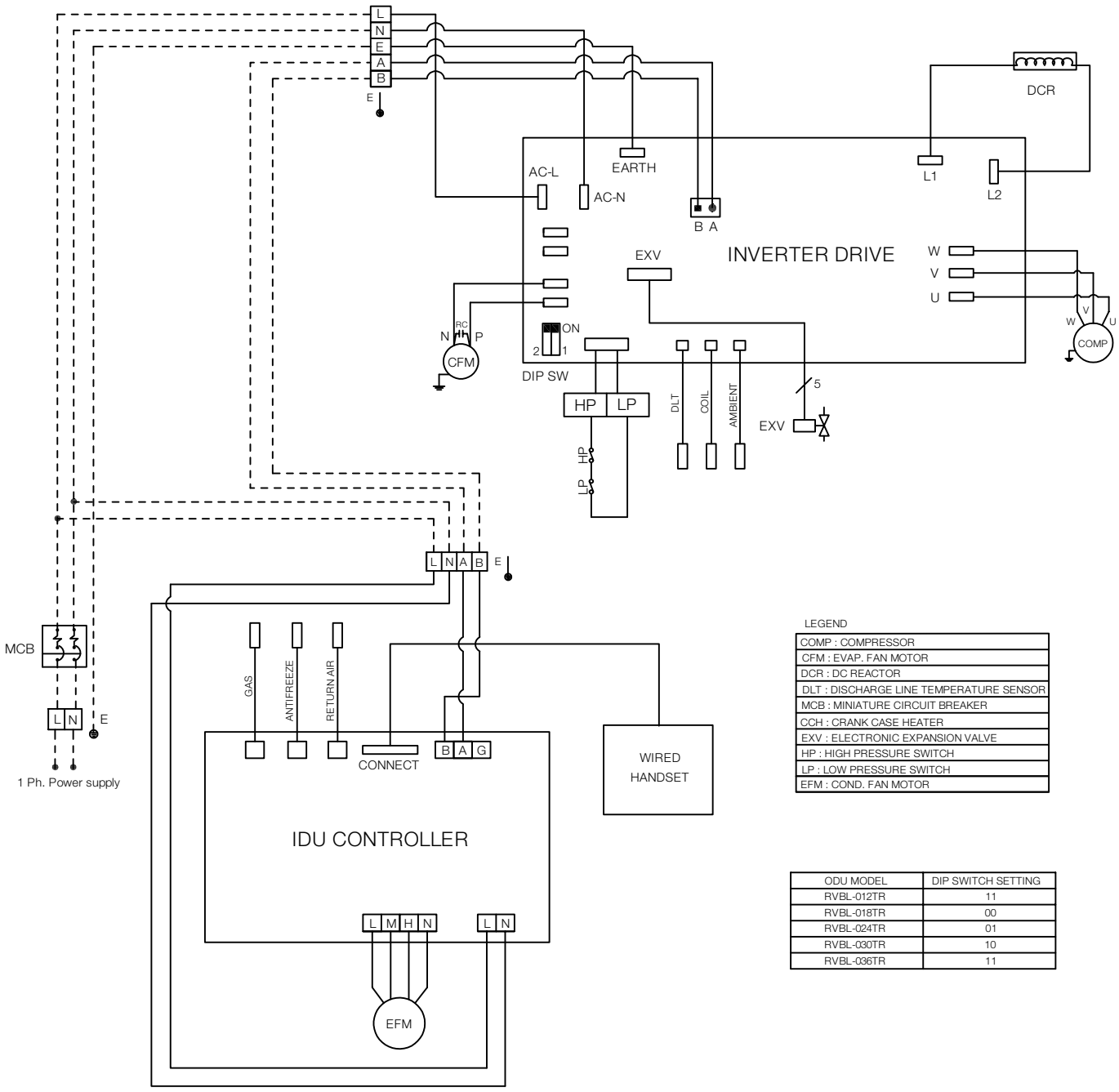
ELECTRICAL WIRING DIAGRAM (OUTDOOR UNIT SINGLE PHASE)

_VBL036/030/024/018/012-TR



ELECTRICAL WIRING DIAGRAM (SINGLE PHASE)

ODU - RVBL-012/018/024/030/036TR
IDU - RIBL-012/018/024/030/036/042/048/054T



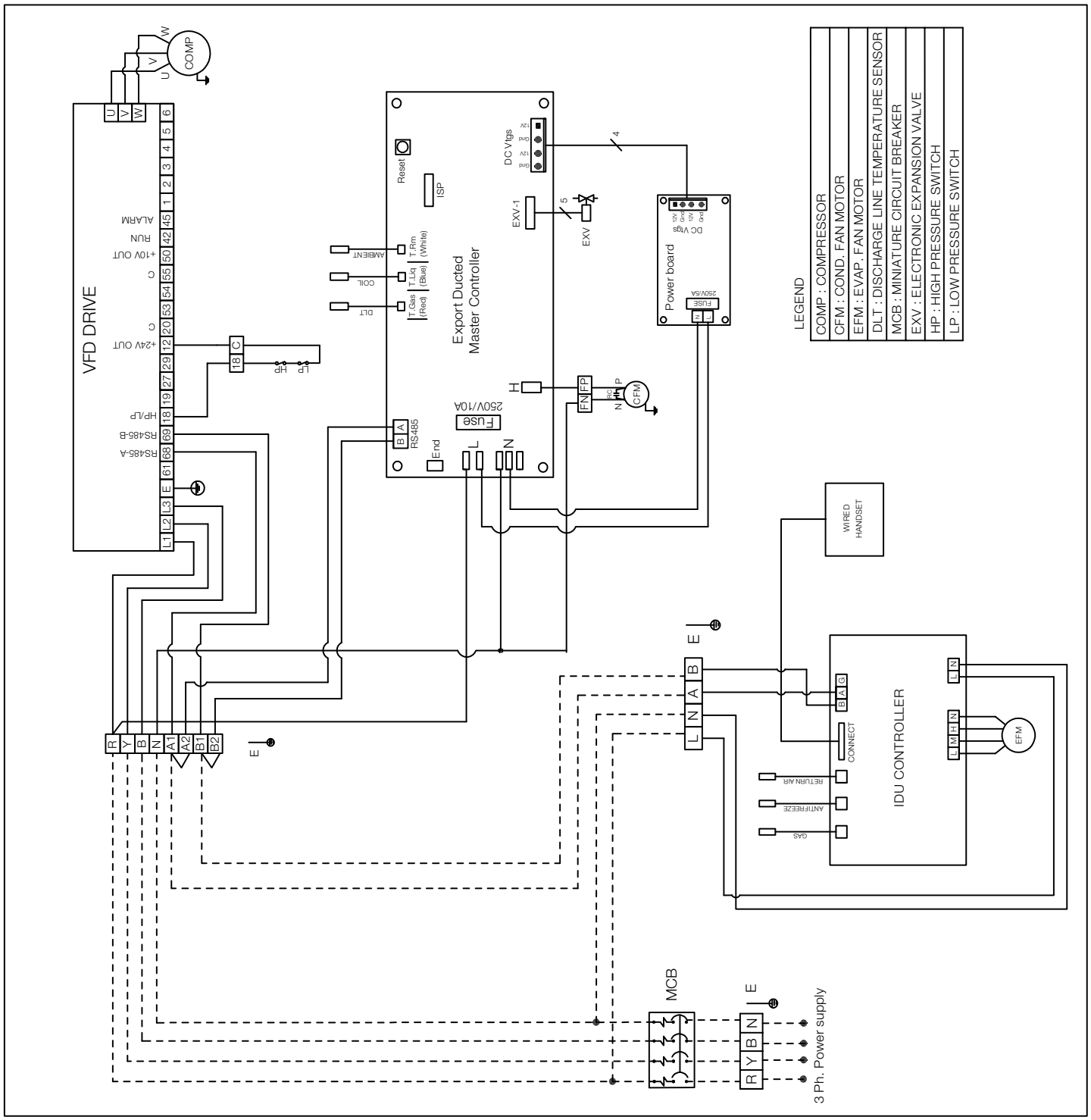
LEGEND

COMP : COMPRESSOR
CFM : EVAP. FAN MOTOR
DCR : DC REACTOR
DLT : DISCHARGE LINE TEMPERATURE SENSOR
MCB : MINIATURE CIRCUIT BREAKER
CCH : CRANK CASE HEATER
EXV : ELECTRONIC EXPANSION VALVE
HP : HIGH PRESSURE SWITCH
LP : LOW PRESSURE SWITCH
EFM : COND. FAN MOTOR

ODU MODEL	DIP SWITCH SETTING
RVBL-012TR	11
RVBL-018TR	00
RVBL-024TR	01
RVBL-030TR	10
RVBL-036TR	11

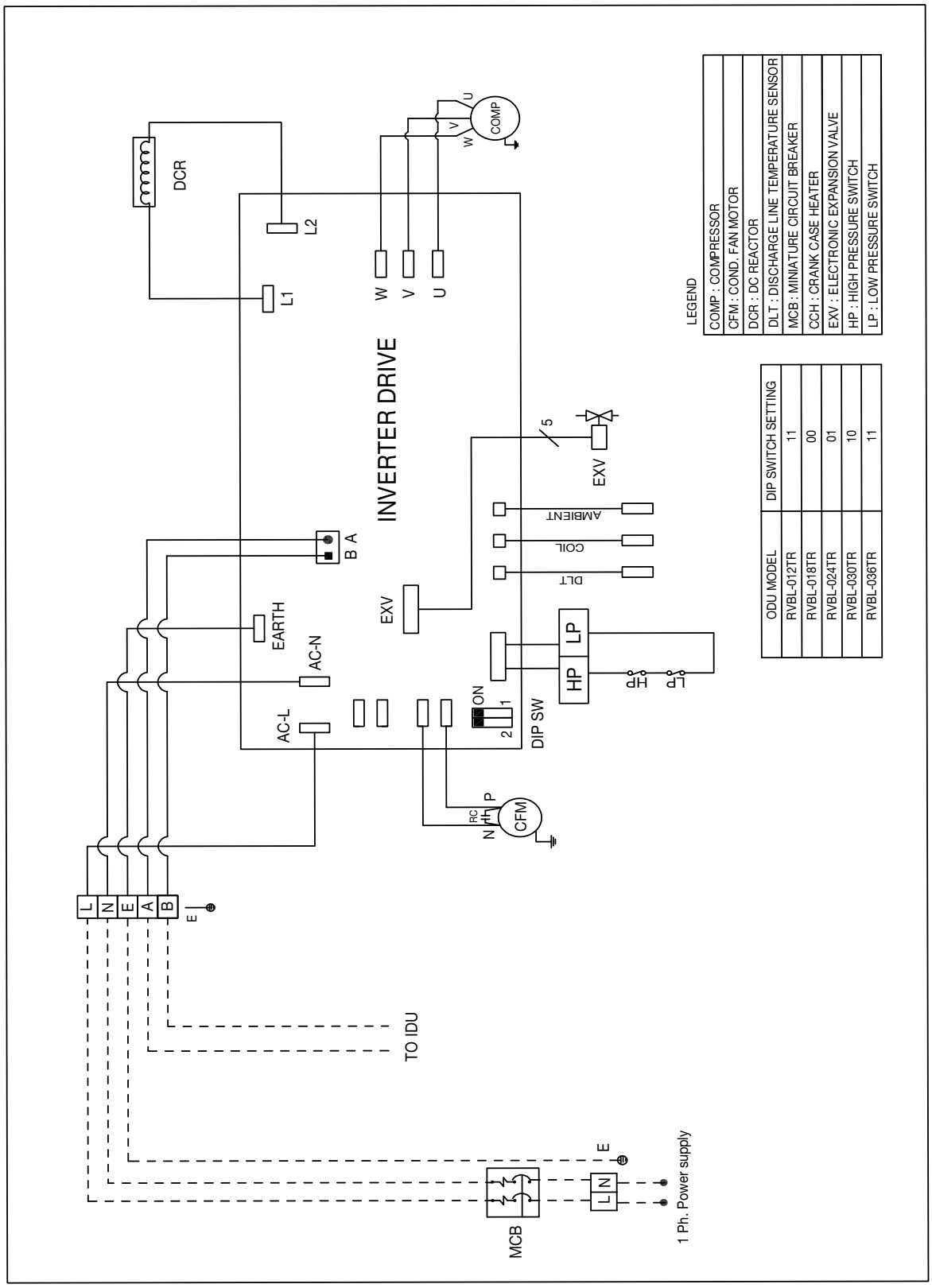
ELECTRICAL WIRING DIAGRAM (THREE PHASE)

ODU - RVBL054/048/042/036-NR
IDU - RIBL054/048 /042/036/030/024/018/012-T



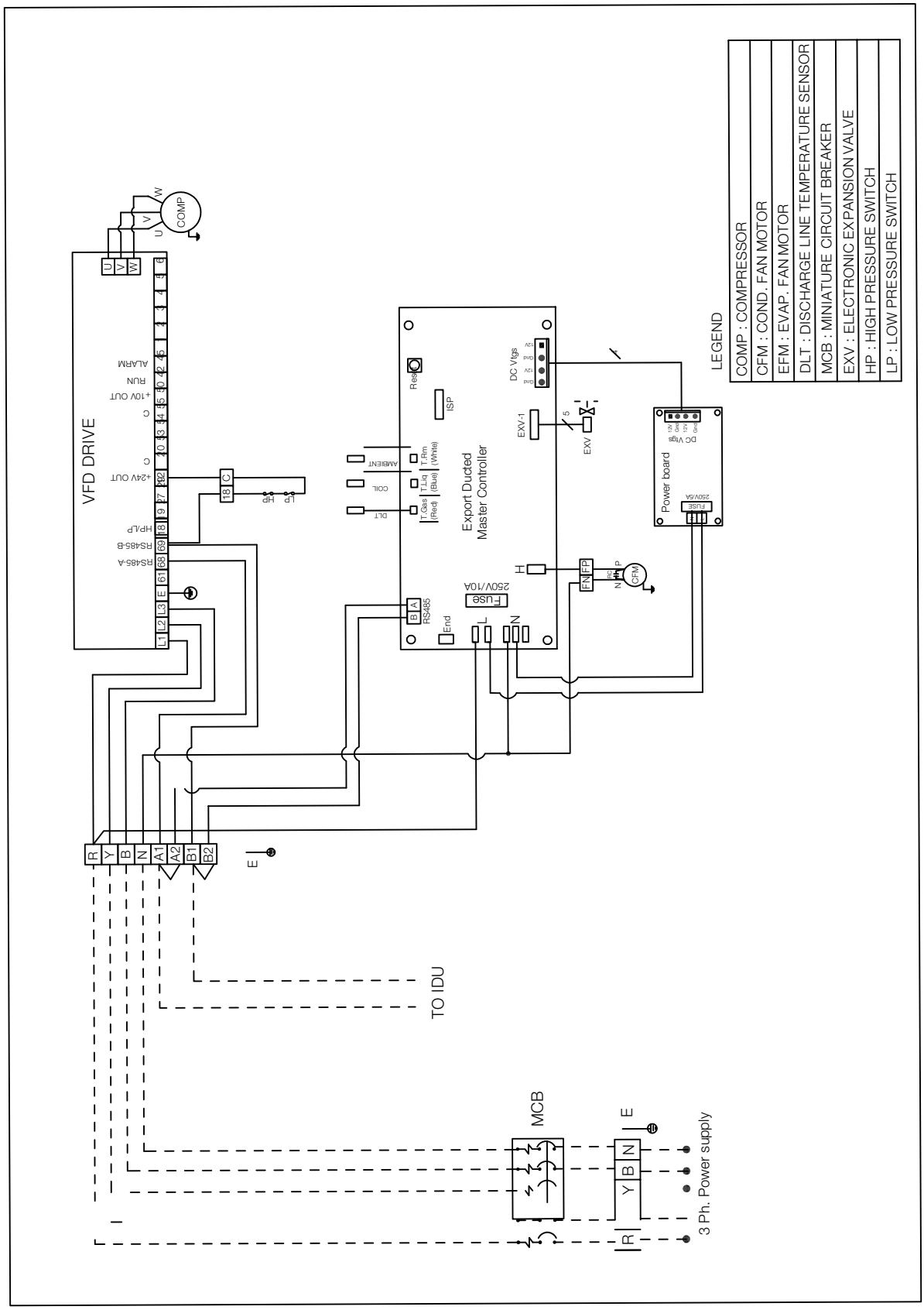
ELECTRICAL WIRING DIAGRAM (OUTDOOR UNIT SINGLE PHASE)

_VBL036/030/024/018/012-TR



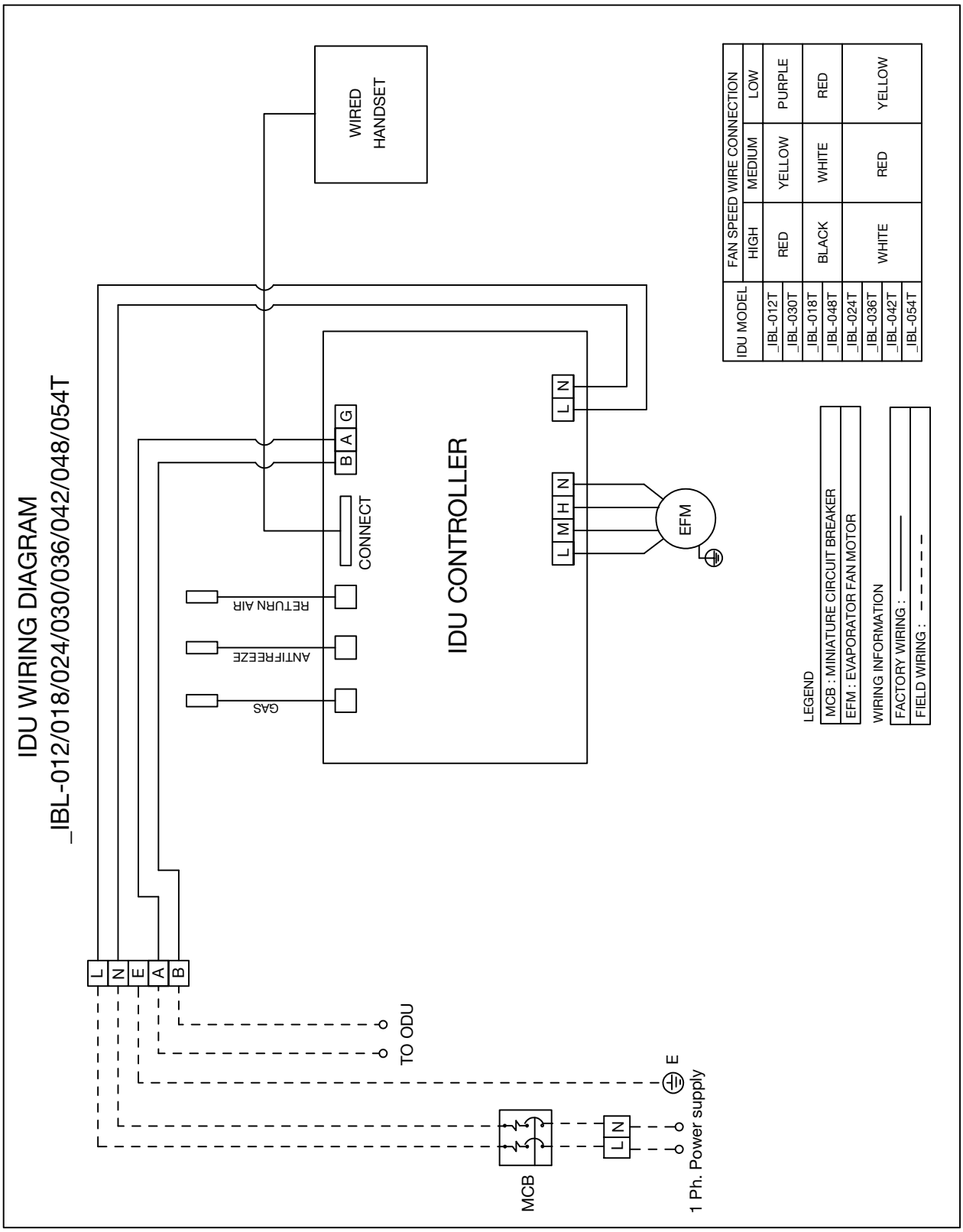
ELECTRICAL WIRING DIAGRAM (OUTDOOR UNIT THREE PHASE)

_VBL054/048/042/036-NR



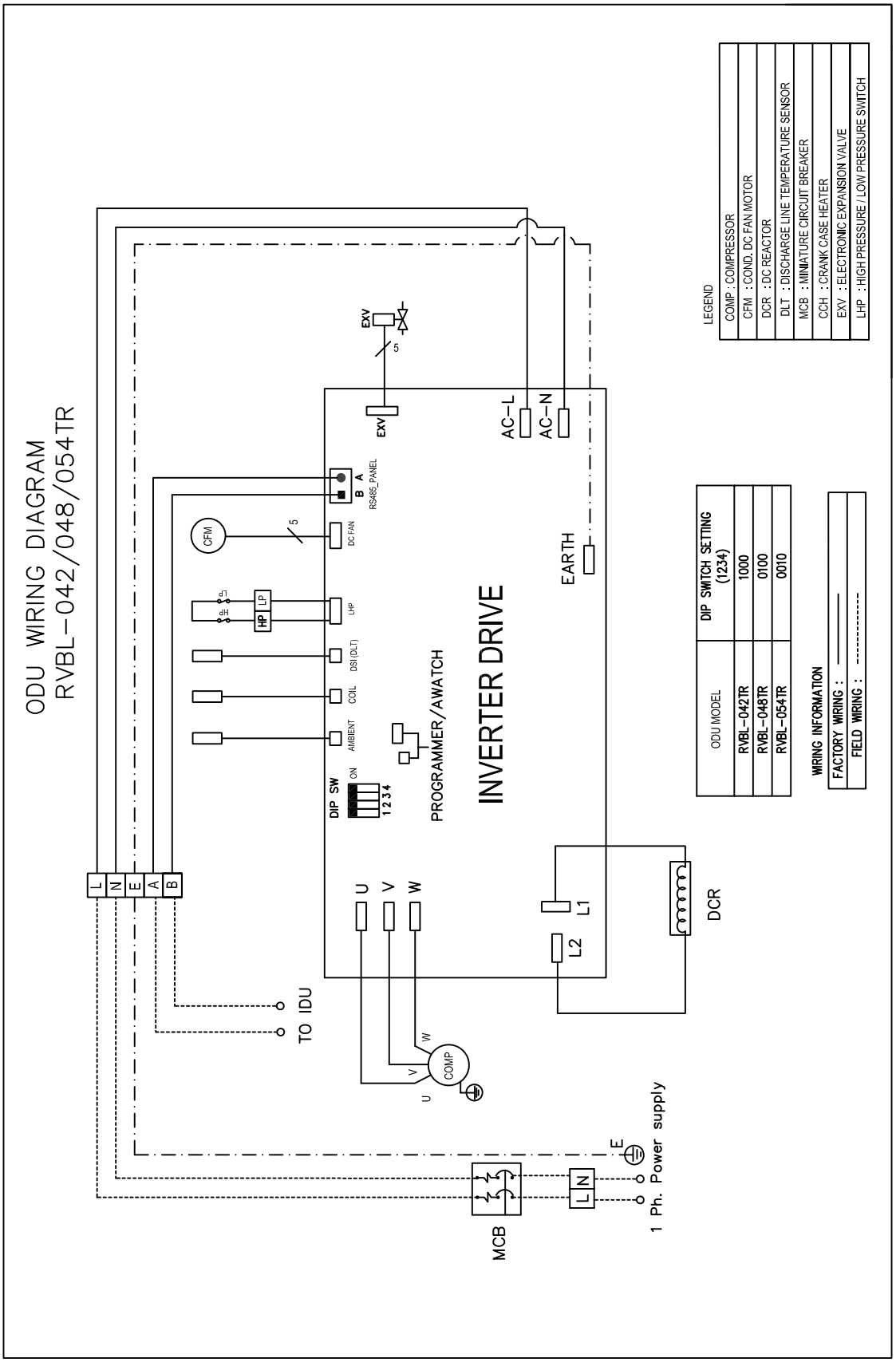
ELECTRICAL WIRING DIAGRAM (INDOOR UNIT)

_IBL054/048/042/036/030/024/018/012-T

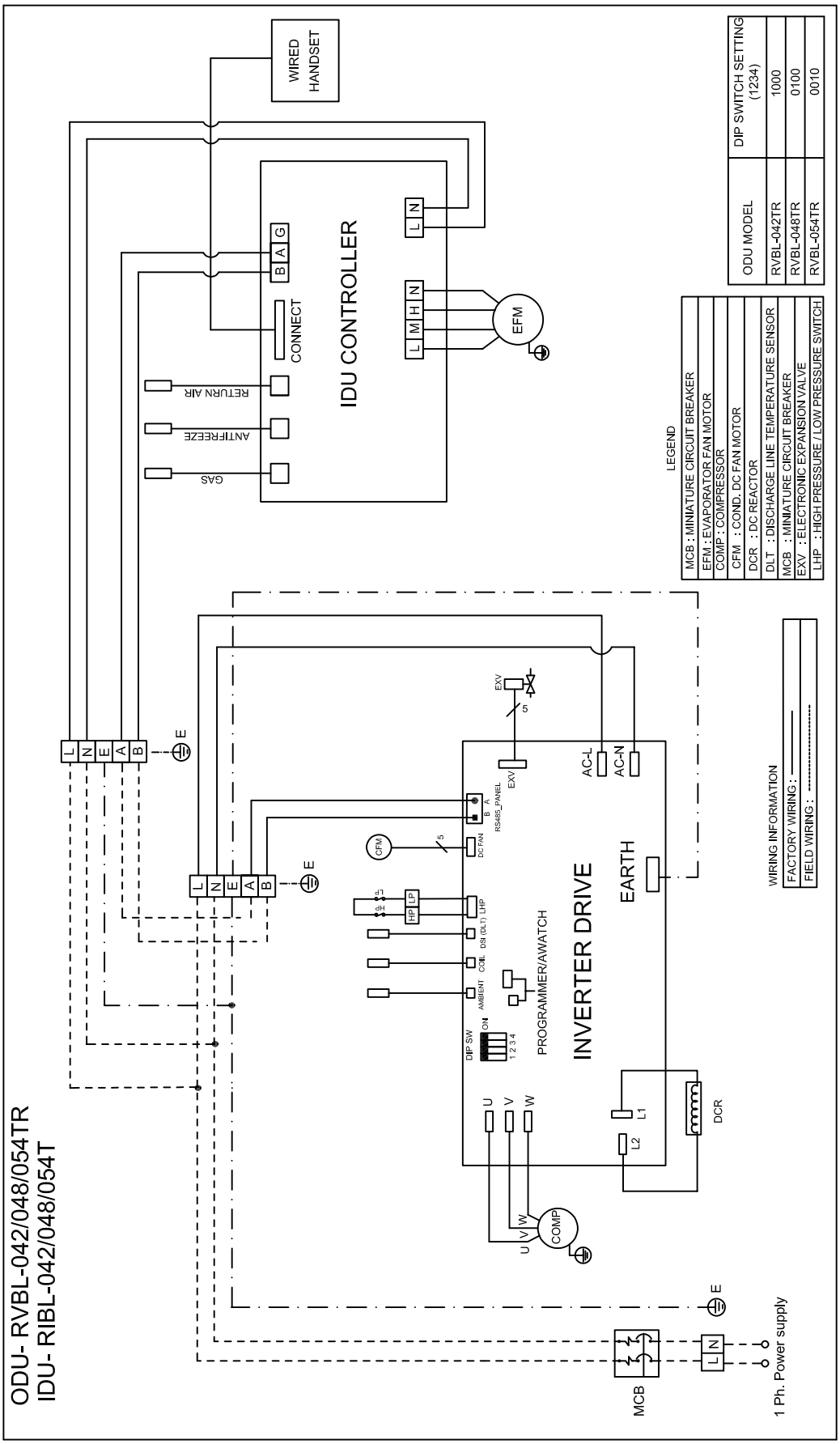


ELECTRICAL WIRING DIAGRAM (OUTDOOR UNIT SINGLE PHASE)

_VBL-054/048/042TR



ELECTRICAL WIRING DIAGRAM (SINGLE PHASE)



Connection Sizes Details

Sr. No	Outdoor Model	Service Valve Brazed Type		Field Piping size with Insulation up to 70 Mtrs	
		Suction (¢) Size	Liquid (¢) Size	Suction line (¢) Size	Liquid line (¢) Size
1	RVBL-012TR	1/2"	3/8"	1/2"	3/8"
2	RVBL-018TR	1/2"	3/8"	1/2"	3/8"
3	RVBL-024TR	5/8"	3/8"	5/8"	3/8"
4	RVBL-030TR	5/8"	3/8"	5/8"	3/8"
5	RVBL-036TR	5/8"	3/8"	5/8"	3/8"
6	RVBL-036NR	5/8"	3/8"	5/8"	3/8"
7	RVBL-042TR/NR	3/4"	3/8"	3/4"	3/8"
8	RVBL-048TR/NR	3/4"	3/8"	3/4"	3/8"
9	RVBL-054TR/NR	3/4"	3/8"	3/4"	3/8"

Pipe Sizes Details

Sr.No	Outdoor Model	Field Piping size and Standard pipe length 7.5 Mtrs		Refrigerant Charge Qty (Kg)	Additional Charge Qty /Per Mtrs (gm) above 7.5 Mtrs
		Suction line (¢) Size	Liquid line (¢) Size		
1	RVBL-012TR	1/2"	3/8"	1.4	22 gm/mtrs
2	RVBL-018TR	1/2"	3/8"	1.7	22 gm/mtrs
3	RVBL-024TR	5/8"	3/8"	2.1	22 gm/mtrs
4	RVBL-030TR	5/8"	3/8"	2.3	22 gm/mtrs
5	RVBL-036TR	5/8"	3/8"	2.9	22 gm/mtrs
6	RVBL-036NR	5/8"	3/8"	3.1	22 gm/mtrs
7	RVBL-042NR	3/4"	3/8"	3.7	22 gm/mtrs
8	RVBL-048NR	3/4"	3/8"	3.4	22 gm/mtrs
9	RVBL-054NR	3/4"	3/8"	5.4	22 gm/mtrs
10	RVBL-042TR	3/4"	3/8"	3.7	22 gm/mtrs
11	RVBL-048TR	3/4"	3/8"	3.4	22 gm/mtrs
12	RVBL-054TR	3/4"	3/8"	5.4	22 gm/mtrs

Refrigerant Piping Details

Model	Indoor Unit	RIBL-012T	RIBL-018T	RIBL-024T	RIBL-030T	RIBL-036T	RIBL-036T	RIBL-042T	RIBL-048T	RIBL-054T	RIBL-042T	RIBL-048T	RIBL-054T
	Outdoor Unit	RVBL-012TR	RVBL-018TR	RVBL-024TR	RVBL-030TR	RVBL-036TR	RVBL-036NR	RVBL-042NR	RVBL-048NR	RVBL-054NR	RVBL-042TR	RVBL-048TR	RVBL-054TR
Max allowable pipe length (m)		90*	90*	90	90	90	90	90	90	90	90	90	90
Level Difference (m)		60	60	60	60	60	60	60	60	60	60	60	60
Liquid pipe mm (inch)		9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")
Gas pipe mm (inch)		12.70 (1/2")	12.70 (1/2")	15..88 (5/8")	15..88 (5/8")	15..88 (5/8")	15..88 (5/8")	19.05(3/4")	19.05(3/4")	19.05(3/4")	19.05(3/4")	19.05(3/4")	19.05(3/4")

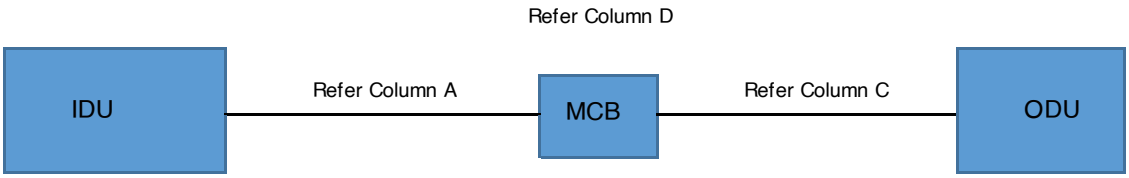
Model	Indoor Unit	RIBL-012T	RIBL-018T	RIBL-024T	RIBL-030T	RIBL-036T	RIBL-036T	RIBL-042T	RIBL-048T	RIBL-054T	RIBL-042T	RIBL-048T	RIBL-054T
	Outdoor Unit	RVBL-012TR	RVBL-018TR	RVBL-024TR	RVBL-030TR	RVBL-036TR	RVBL-036NR	RVBL-042NR	RVBL-048NR	RVBL-054NR	RVBL-042TR	RVBL-048TR	RVBL-054TR
Additional Charge g/m		22	22	22	22	22	22	22	22	22	22	22	22

Capacity Derating Chart

Level Difference (m)	Pipe Length (m)																	
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
60	-	-	-	-	-	-	-	-	-	-	-	0.78	0.77	0.77	0.76	0.72	0.68	0.63
50	-	-	-	-	-	-	-	-	-	-	0.83	0.81	0.80	0.80	0.79	0.76	0.71	0.67
45	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.84	0.83	0.82	0.79	0.74	0.70
40	-	-	-	-	-	-	-	-	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.82	0.78	0.73
35	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.84	0.80	0.76
30	-	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.87	0.82	0.78
25	-	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.87	0.82	0.78
20	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.87	0.82	0.78
15	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.87	0.82	0.78
10	-	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.87	0.82	0.78
5	-	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.87	0.82	0.78
0	1.00	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.87	0.82	0.78
-5	-	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.88	0.85	0.80	0.76
-10	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.87	0.84	0.79	0.75
-15	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.88	0.85	0.82	0.78	0.73
-20	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.90	0.89	0.87	0.83	0.80	0.76	0.71

Rheem Inverter Incoming Cable size selection and MCB selection

Block diagram



Rheem Inverter IDU

					A
Sr. No	Model	Power Supply	Fan Motor	Fan Motor Current (A)	Wire Size (Sq.mm Copper)
1	RIBL-012T	220-240V-1Ph-50Hz	1	0.6	3C X 1.5 SQ. MM
2	RIBL-018T	220-240V-1Ph-50Hz	1	0.6	3C X 1.5 SQ. MM
3	RIBL-024T	220-240V-1Ph-50Hz	1	0.8	3C X 1.5 SQ. MM
4	RIBL-030T	220-240V-1Ph-50Hz	1	2.2	3C X 1.5 SQ. MM
5	RIBL-036T	220-240V-1Ph-50Hz	1	2.2	3C X 1.5 SQ. MM
6	RIBL-042T	220-240V-1Ph-50Hz	1	2.2	3C X 1.5 SQ. MM
7	RIBL-048T	220-240V-1Ph-50Hz	1	2.2	3C X 1.5 SQ. MM
8	RIBL-054T	220-240V-1Ph-50Hz	1	3.2	3C X 1.5 SQ. MM

Rheem Inverter ODU

				C	D			
Sr. No	Model	Power Supply	Total ODU Current (A)	Wire Size (Sq.mm Copper)	MCB/Fuse Rating for IDU + ODU (A)	No.of Rows	Face Area (sq.ft.)	R410A Charge (Kg)
1	RVBL-012TR	220-240V-1Ph-50Hz	9.5	3C X 2.5 SQ. MM	16	2	3.9	1.4
2	RVBL-018TR	220-240V-1Ph-50Hz	11.5	3C X 2.5 SQ. MM	20	2	6.0	1.7
3	RVBL-024TR	220-240V-1Ph-50Hz	15.9	3C X 4.0 SQ. MM	25	2	6.7	2.1
4	RVBL-030TR	220-240V-1Ph-50Hz	17.3	3C X 6.0 SQ. MM	32	2	6.7	2.3
5	RVBL-036TR	220-240V-1Ph-50Hz	17.9	3C X 6.0 SQ. MM	32	2	9.2	2.9
6	RVBL-036NR	380-415V-3Ph-50Hz	9.9	5C X 2.5 SQ. MM	20	2	9.2	3.1
7	RVBL-042NR	380-415V-3Ph-50Hz	10.0	5C X 2.5 SQ. MM	20	3	9.2	3.7
8	RVBL-048NR	380-415V-3Ph-50Hz	12.6	5C X 4.0 SQ. MM	25	3	9.2	3.4
9	RVBL-054NR	380-415V-3Ph-50Hz	14.0	5C X 4.0 SQ. MM	25	4	11.9	5.4
10	RVBL-042TR	220-240V-1Ph-50Hz	28.2	3C X 6.0 SQ. MM	40	3	9.2	3.7
11	RVBL-048TR	220-240V-1Ph-50Hz	28.8	3C X 6.0 SQ. MM	40	3	9.2	3.4
12	RVBL-054TR	220-240V-1Ph-50Hz	29.3	3C X 6.0 SQ. MM	40	4	11.9	5.4

Note: Power Supply of ODU and IDU to be provided through common MCB

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