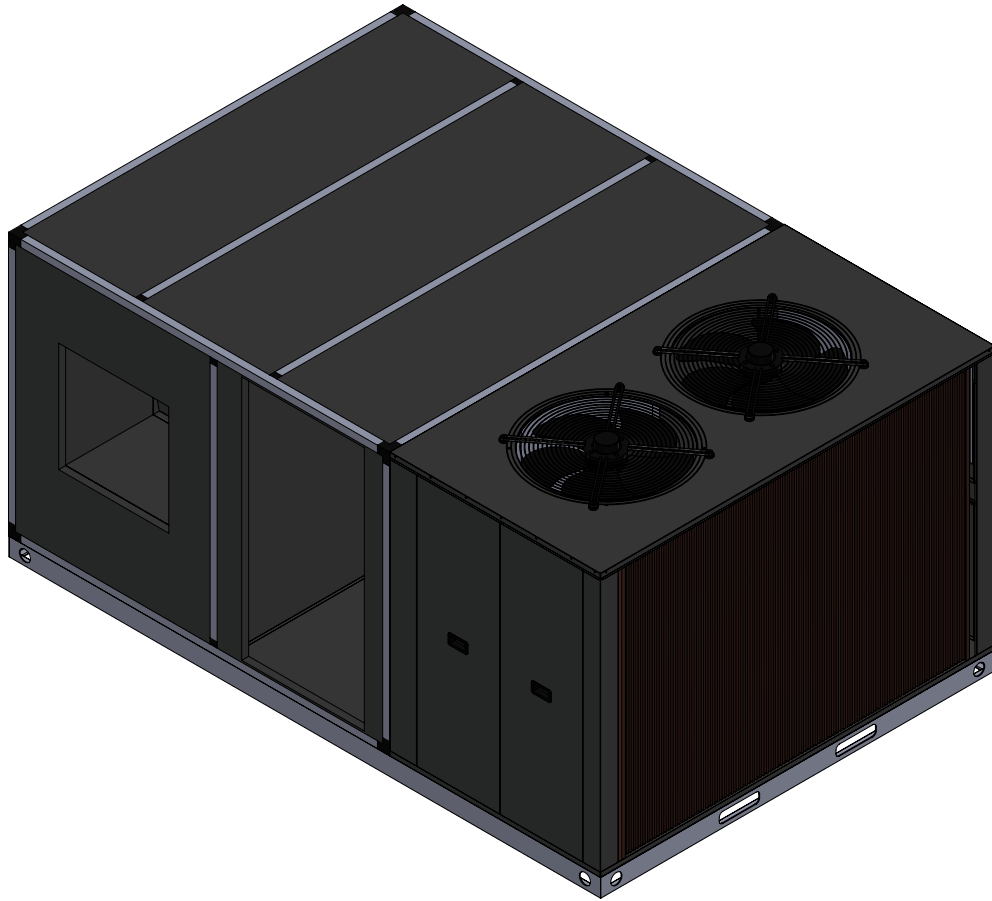




Commercial Manual  
**COSTERA Series**  
Air Cooled Horizontal Package Unit  
**20 TON**





- Condenser side manufactured in large galvanized steel sheet. Air Handling side made of 1" double-walled heavy-gauge galvanized steel panels with insulation.
- Powder coated paint system: For a long-lasting professional finish. Additional Modine-Luvata corrosion resistant spray added for extra protection.
- Scroll type compressor, which offers greater protection against liquid damage. More efficient throughout its operational range; It operates at lower sound and vibration levels than traditional compressors.
- Easy-access panel to compressors.
- Certified electric motor (PSC motor).
- Evaporator and condenser coil made of copper tubes and aluminum fins with added Modine-Luvata corrosion resistant spray.
- Compact unit of two cooling circuits.
- High and low pressure switches.
- Bi-metal electrical protector.
- High capacity filter dryer.
- Pulley-transmission centrifugal motor-fan coupling.
- Fully insulated evaporator-fan compartment with easy-access hinged panels.
- Stainless steel rivet-nut machine-threaded hex head screw-fixed service panels.
- Reinforced iron metal base with forklift openings.

# Table of Contents

- 3** Precautions
- 4** Technical Specifications
- 5** Blower Performance Data
- 6** System Performance Data
- 7** Unit Dimensions
- 9** Safety Distance
- 10** Safe Handling
- 11** Refrigeration Diagram
- 12** Electric Diagram
- 14** Suggestions for Installation
- 15** Suggestions for Ignition
- 16** Maintenance Recommendations
- 17** Exploded View
- 18** Parts List - GXPK240DG4AB
- 19** Parts List - GXPK240DG7AB
- 20** Notes

This document will provide relevant information about the equipment. All the information included in this manual is subject to changes without prior notice. The suggestions of this manual are addressed to the personnel in charge of planning, installing, implementing, and maintaining the equipment, having corresponding knowledge for the realization of these type of works.

	<b>WARNING</b>
<p>Installation, adjustment, alteration, service or maintenance can cause personal injuries, death, or property damage. The installation and service must be carried out by a professional or equivalent professional installer or a service agency.</p>	

	<b>CAUTION</b>
<p>Physical contact with edges while applying excessive force or rapid movement with metal can cause personal injury. Be careful when working near these areas during installation or during the service of this equipment.</p>	

# Precautions

In the following document you can find several useful suggestions on the ignition, use and maintenance of your air cooled horizontal package unit. Preventive care will help you save time and money during the useful life of the unit.

## Precaution

- Contact an authorized technician in case of requiring the repair or maintenance of this unit.
- Contact an authorized installer to install this unit.
- In case of replacement of supply cables, this activity can only be carried out by authorized personnel.
- The installation must be carried out only by authorized personnel in accordance with wiring standards.
- The electrical installation must be carried out in accordance with current legal norms.
- Make sure the electric service is adequate for the selected equipment model.
- Make sure the equipment is correctly installed. To avoid electrical discharges and possible fires, the correct connection is important.
- If the voltage supplied to this equipment is outside the specified range, the equipment will not work and this can cause the main components of the equipment (compressors - motors) and other electrical components to burn out.
- Do not store or use gasoline or other flammable products near this equipment or other artifacts.

Incorrect manipulation due to lack of knowledge of the instructions or suggestions described in this manual can harm the unit. We do not assume any responsibility for damages derived from incorrect, inappropriate or not planned use, or to consequences of unauthorized repairs or modifications. Keep in mind that this document is only valid for the specified equipment and not for complete installation.

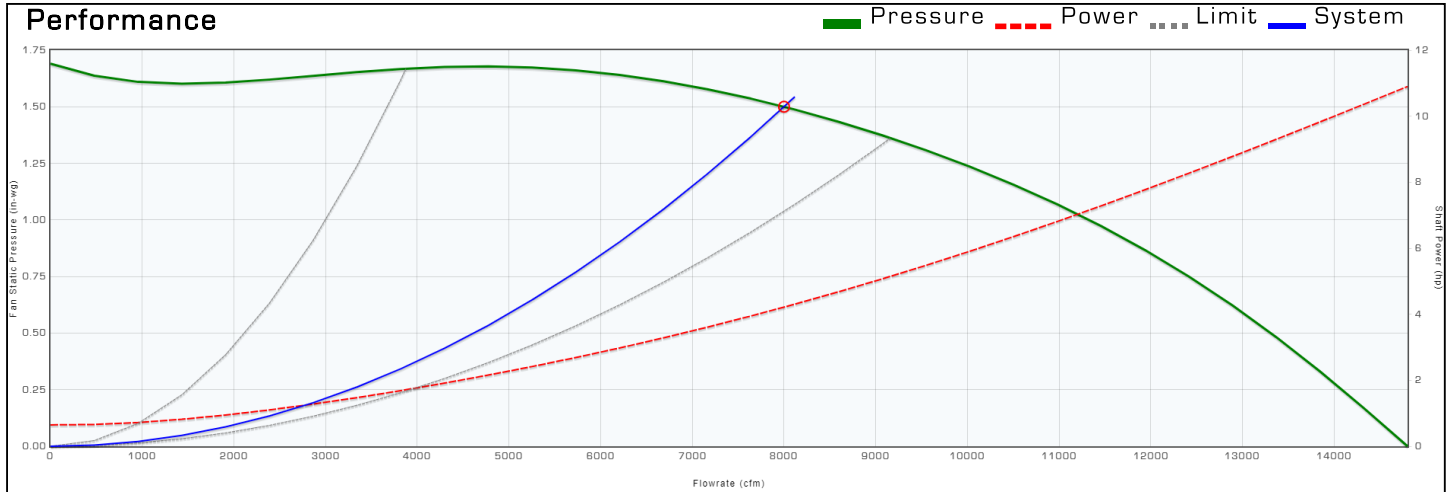
# Technical Specifications

	GXPk240DG4AB	GXPk240DG7AB
<b>GENERAL DATA</b>		
Cooling Capacity (BTU/h)	240,000	240,000
Cooling Tons	20	20
Efficiency <sup>(1)</sup> EER	11.8	11.8
<b>EVAPORATOR FAN</b>		
Transmission	Pulley	Pulley
Number of Fans	1	1
Rated Air Flow <sup>(1)</sup> (CFM)	8000	8000
Blower (DxW)	20 x 20	20 x 20
Number of Motors	1	1
Current (A)	13.0	6.7
Power (HP)	5	5
RPM	1800	1800
<b>EVAPORATOR COIL</b>		
Type (Tube / Fin)	Copper / Copper	Copper / Copper
Rows	3	3
Fins Per Inch	13	13
<b>CONDENSER FAN</b>		
Number of Fans	2	2
Type	Axial	Axial
Number of Motors	2	2
Current (A)	4.3	2.4
Power (W)	1205	1466
RPM	1081	1055
Fan Diameter (mm)	710	710
<b>CONDENSER COIL</b>		
Type (Tube / Fin)	Copper / Copper	Copper / Copper
Rows	3	3
Fins Per Inch	17	17
<b>COMPRESSOR</b>		
Refrigerant	R410a	R410a
Quantity	2	2
Type	Scroll	Scroll
RLA <sup>(2)</sup>	30.1 / 33.6	16.7 / 18.6
LRA <sup>(3)</sup>	225.0	114.0
<b>ELECTRICAL DATA</b>		
V / Ph / Hz	( 208-230 / 3 / 60 )	( 460 / 3 / 60 )
Operating Current <sup>(1)</sup> (A)	88.7	49.0
Unit Total Amperage <sup>(1)</sup> (A)	88.7	49.0
Minimum Circuit Ampacity (A)	97.0	54.0
Max. Overload Protection (A)	130.0	73.0
<b>NET WEIGHT (kg)</b>	1380	1380
<b>GROSS WEIGHT (kg)</b>	1395	1395

Notes: <sup>1</sup> Data corresponding to a certain operation condition based on the AHRI 210/240 or 360 standard. <sup>2</sup> This Rated Load Amps data (RLA) corresponds to a single compressor. <sup>3</sup> This Locked Rotor Amps data (LRA) corresponds to a single compressor. <sup>4</sup> The information provided in the table can change without prior notice.

# Blower Performance Data

<b>Model</b> A1B-18A	<b>Flow</b> 8000 cfm	<b>Pressure</b> 1.50 in-wg	<b>Temperature</b> 70 °F	<b>Altitude</b> 0 ft	<b>Density</b> 0.075 lb/ft <sup>3</sup>	<b>Q Derate</b> 0 cfm	<b>P Derate</b> 0.00 in-wg	<b>Vav Set Point</b> 0.00 in-wg
<b>Fan Tag</b>	<b>Flow</b> 8000 cfm	<b>Pressure</b> 1.50 in-wg	<b>Power</b> 4.22 hp	<b>Static Efficiency</b> 44.9 %	<b>Total Efficiency</b> 59.3 %	<b>Speed</b> 747 rpm	<b>Outlet Velocity</b> 2787 fpm	<b>Efficiency Rating</b> FEG71
	<b>Impeller Dia</b> 18.0 in	<b>Outlet Area</b> 2.87 ft <sup>2</sup>	<b>Max. Speed</b> 1200 rpm	<b>AMCA Class</b> 0	<b>Drive</b> Belt Drive	<b>Blades</b> 48	<b>P Volume</b> 13.17 ft <sup>3</sup>	<b>TurnDown</b> 100 %



<b>Sound(Lwi)</b>	63	125	250	500	1000	2000	4000	8000	Lw	LwA
	89	88	85	84	83	81	78	76	94	88

Notes: Airflow performance data are obtained in accordance with AMCA 210-07. Installed performance will vary depending on extent of cabinet geometry

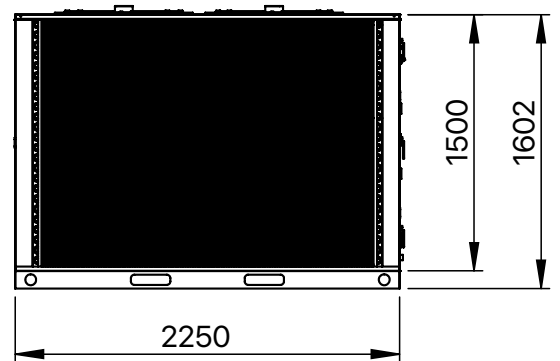
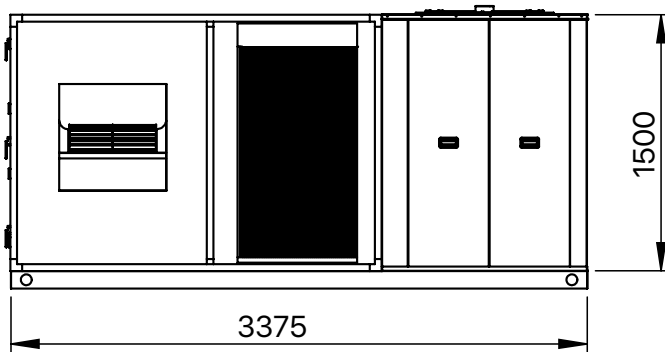
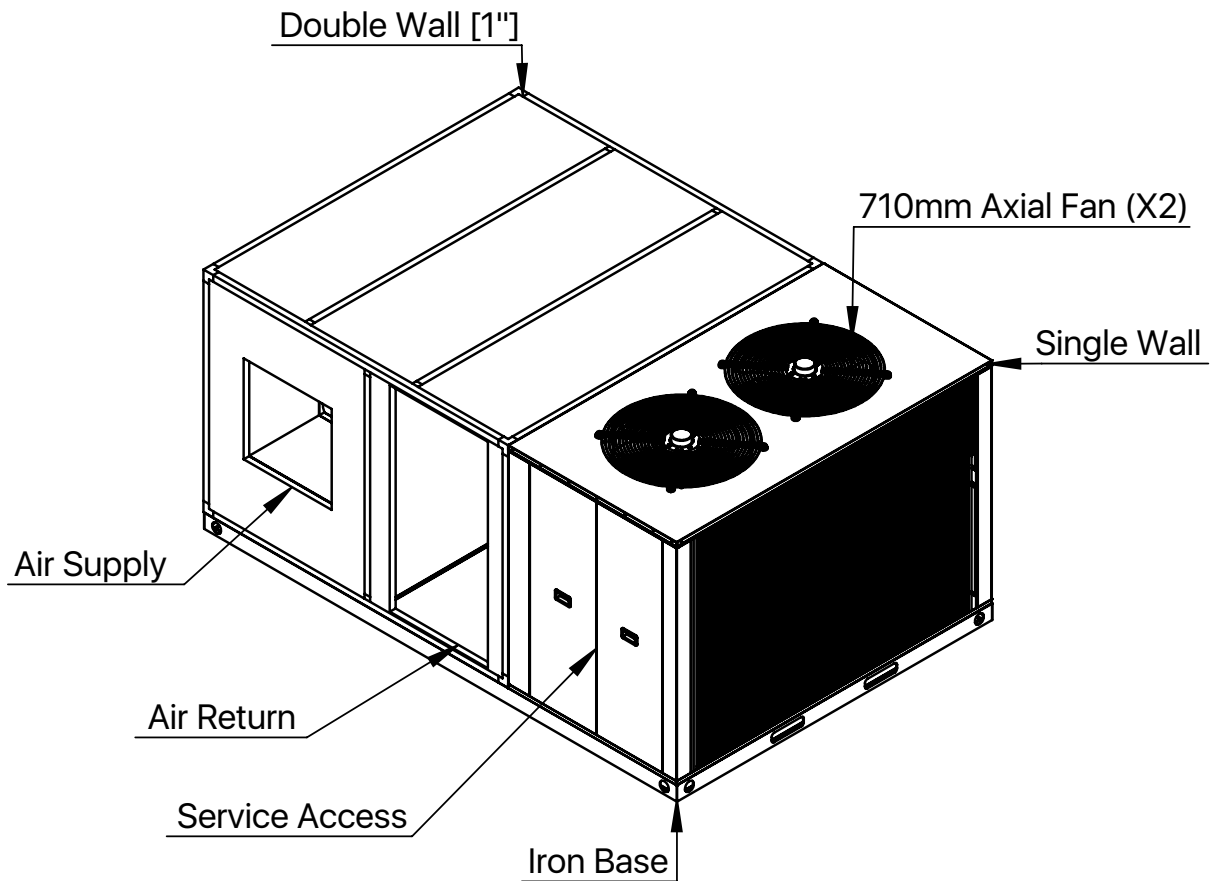
Sound data are estimated from industry experience for the type of product selected. Data should be used for comparison purposes only and do not represent installed values.

# System Performance Data

Airflow (CFM)	Ent DB (°F)	Ambient Temperature (°F)																													
		85						95						105																	
		67						73						61						67						73					
		MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)
4800	75	116	109	9	184	102	15	277	98	22	109	103	10	174	96	16	257	91	23	102	97	10	164	90	16	239	85	24			
	80	133	133	11	184	124	15	279	123	22	125	125	11	174	117	16	259	114	24	118	118	14	164	110	16	241	106	24			
	85	156	156	12	186	149	15	279	146	22	147	147	13	175	141	16	259	136	24	138	138	14	165	133	16	241	126	24			
	90	178	178	14	191	176	15	279	171	22	168	168	15	180	166	16	259	159	24	158	158	16	169	156	17	241	148	24			
	75	141	137	11	224	124	18	336	117	27	133	129	12	211	117	19	312	109	28	125	121	13	198	110	20	290	101	29			
6400	80	164	164	13	224	155	18	336	148	27	155	155	14	211	146	19	312	138	28	146	146	15	198	137	20	290	128	29			
	85	193	193	15	224	186	18	336	180	27	182	182	17	211	175	19	312	167	28	171	171	17	198	165	20	290	155	29			
	90	222	222	18	232	219	19	336	211	27	209	209	19	219	207	20	312	196	28	196	196	20	206	195	21	290	182	29			
	75	163	161	13	254	144	20	387	136	31	154	152	14	240	136	22	360	126	33	145	143	14	226	128	23	335	117	33			
	80	193	193	15	254	180	20	387	172	31	182	182	17	240	170	22	360	160	33	171	171	17	226	160	23	335	149	33			
8000	85	226	226	18	257	218	21	387	210	31	213	213	19	242	206	22	360	195	33	200	200	20	227	194	23	335	181	33			
	90	260	260	21	269	260	22	387	246	31	245	245	22	254	245	23	360	229	33	230	230	23	239	230	24	335	213	33			
	75	182	182	15	284	162	23	433	151	35	172	172	16	268	153	24	402	140	37	162	162	16	252	144	25	374	130	37			
	80	218	218	17	284	205	23	433	194	35	206	206	19	268	193	24	402	180	37	194	194	19	252	181	25	374	167	37			
	85	257	257	21	286	248	23	433	237	35	242	242	22	270	234	25	402	220	37	227	227	23	254	220	25	374	205	37			
9600	90	295	295	24	303	297	24	433	280	35	278	278	25	286	280	26	402	260	37	261	261	26	269	263	27	374	242	37			
	75	201	201	16	311	179	25	475	165	38	190	190	17	293	169	27	441	153	40	179	179	18	275	159	28	410	142	41			
	80	243	243	19	311	227	25	475	213	38	229	229	21	293	214	27	441	198	40	215	215	22	275	201	28	410	184	41			
	85	285	285	23	314	277	25	475	261	38	269	269	24	296	261	27	441	243	40	253	253	25	278	245	28	410	226	41			
	90	328	328	27	329	329	26	475	310	38	309	309	28	310	310	28	441	288	40	290	290	29	291	291	29	410	268	41			
Airflow (CFM)	Ent DB (°F)	Ambient Temperature (°F)																													
		115						120						125																	
		67						73						61						67						73					
		MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)
4800	75	96	91	11	154	85	17	222	87	25	91	87	11	145	81	18	207	85	26	85	84	12	136	77	19	192	82	27			
	80	110	110	12	154	103	17	224	109	25	104	106	13	145	98	18	208	106	26	98	102	14	136	93	19	194	103	28			
	85	130	130	14	155	125	17	224	130	25	122	125	15	145	118	18	208	126	26	115	120	16	137	112	20	194	123	28			
	90	148	148	16	159	147	18	224	152	25	140	143	17	150	139	19	208	148	26	131	137	19	141	132	20	194	143	28			
	75	118	114	13	186	103	21	270	104	30	110	109	14	175	98	22	251	101	31	104	105	15	165	93	24	233	98	33			
6400	80	137	137	15	186	129	21	270	132	30	129	131	16	175	123	22	251	128	31	121	126	17	165	116	24	233	124	33			
	85	161	161	18	186	155	21	270	160	30	151	154	19	175	147	22	251	155	31	142	148	20	165	140	24	233	151	33			
	90	185	185	21	194	183	22	270	188	30	174	177	22	182	174	23	251	182	31	163	170	23	171	165	24	233	177	33			
	75	136	134	15	212	120	24	311	121	35	128	129	16	199	114	25	290	117	36	120	124	17	187	108	27	269	114	38			
	80	161	161	18	212	150	24	311	153	35	151	154	19	199	143	25	290	149	36	142	148	20	187	136	27	269	144	38			
8000	85	188	188	21	214	182	24	311	187	35	177	181	22	201	173	25	290	181	36	166	173	24	189	164	27	269	176	38			
	90	216	216	24	224	216	25	311	219	35	203	208	25	211	206	26	290	213	36	191	200	27	198	195	28	269	206	38			
	75	152	152	17	237	135	26	348	134	39	143	146	18	223	128	28	323	130	40	134	140	19	209	122	30	301	126	43			
	80	182	182	20	237	171	26	348	172	39	171	175	21	223	162	28	323	167	40	161	168	23	209	154	30	301	162	43			
	85	214	214	24	239	207	27	348	211	39	201	205	25	224	196	28	323	204	40	189	197	27	211	187	30	301	198	43			
9600	90	246	246	27	253	247	28	348	249	39	231	236	29	231	236	29	323	242	40	217	226	31	223	223	32	301	234	43			
	75	168	168	19	259	149	29	381	147	42	158	161	20	243	142	30	355	142	44	148	155	21	229	135	33	330	178	47			
	80	202	202	22	259	189	29	381	190	42	190	194	24	243	180	30	355	184	44	179	186	26	229	171	33	330	178	47			
	85	238	238	26	262	231	29	381	233	42	223	228	28	246	219	31	355	226	44	210	219	30	231	208	33	330	219	47			
	90	273	273	30	274	274	30	381	276	42	257	262	32	257	260	32	355	268	44	241	252	34	242	247	35	330	260	47			

Notes: <sup>1</sup> Data corresponding to a certain condition. The capacities described do not take into account the heat generated by the indoor fan.  
<sup>2</sup> MBh = Total Gross Capacity. <sup>3</sup> SHC = Sensible Heat Capacity.

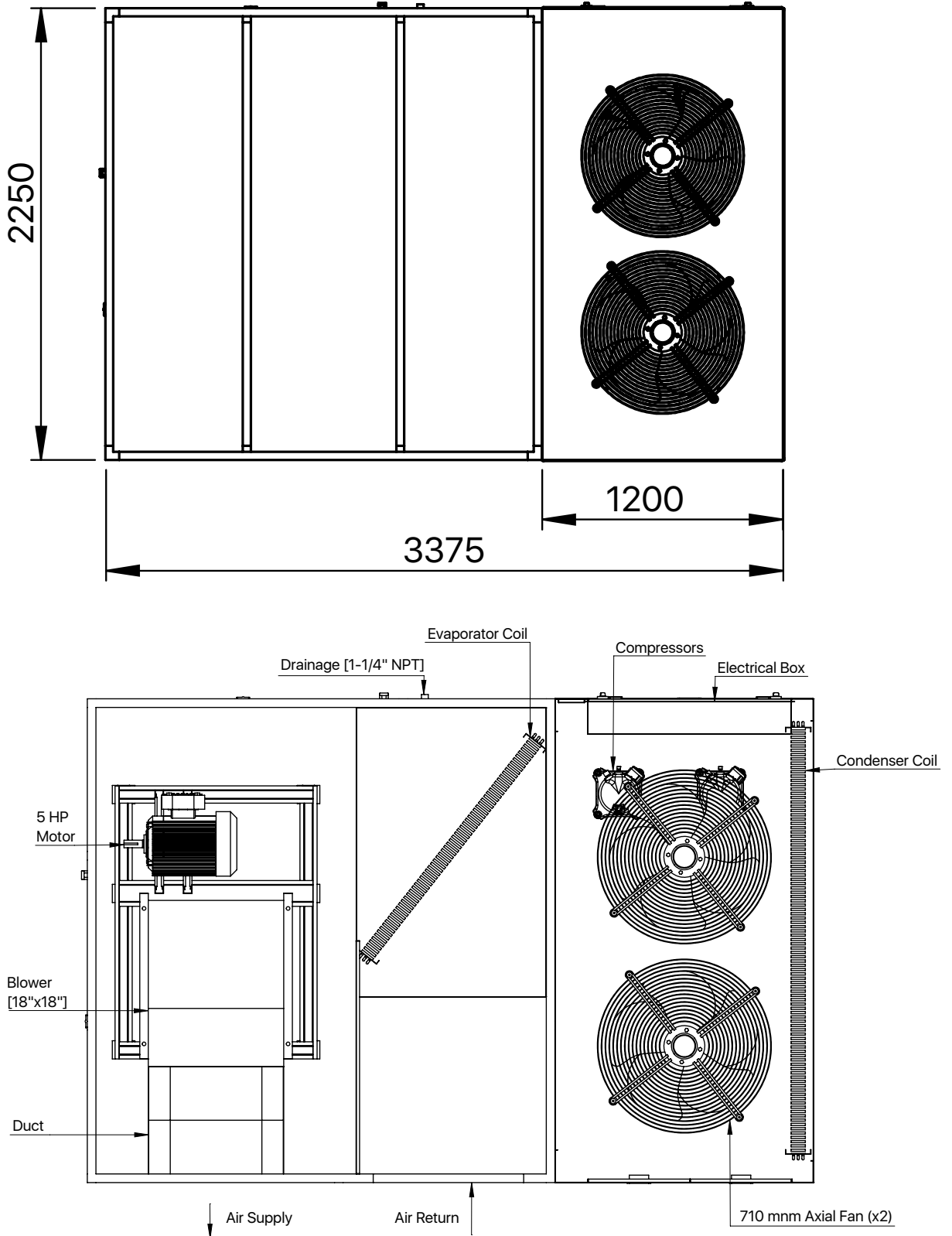
# Unit Dimensions



Note: All measurements are in millimeters (mm).

# Unit Dimensions

## TOP VIEW

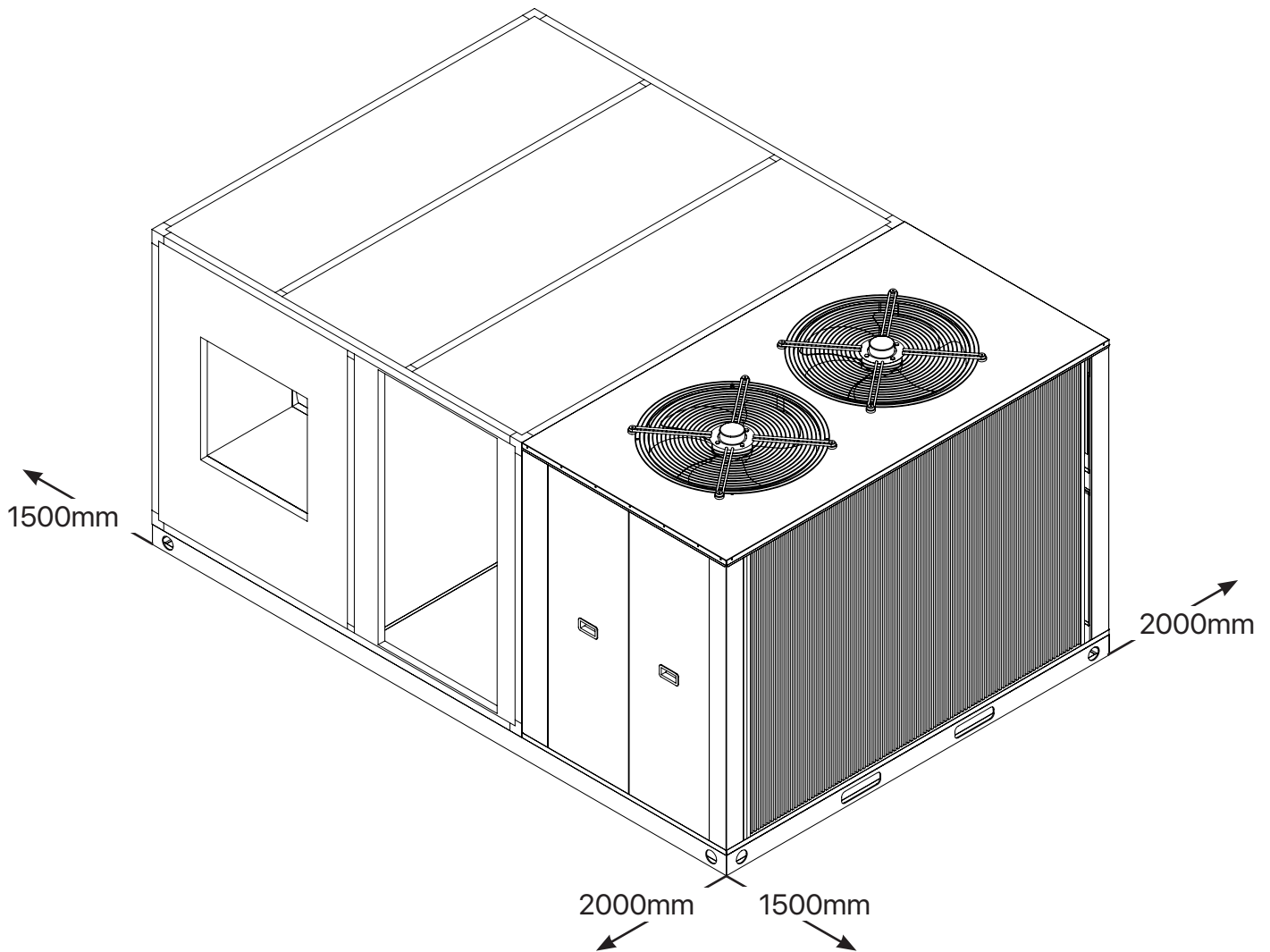


Note: All measurements are in millimeters (mm).

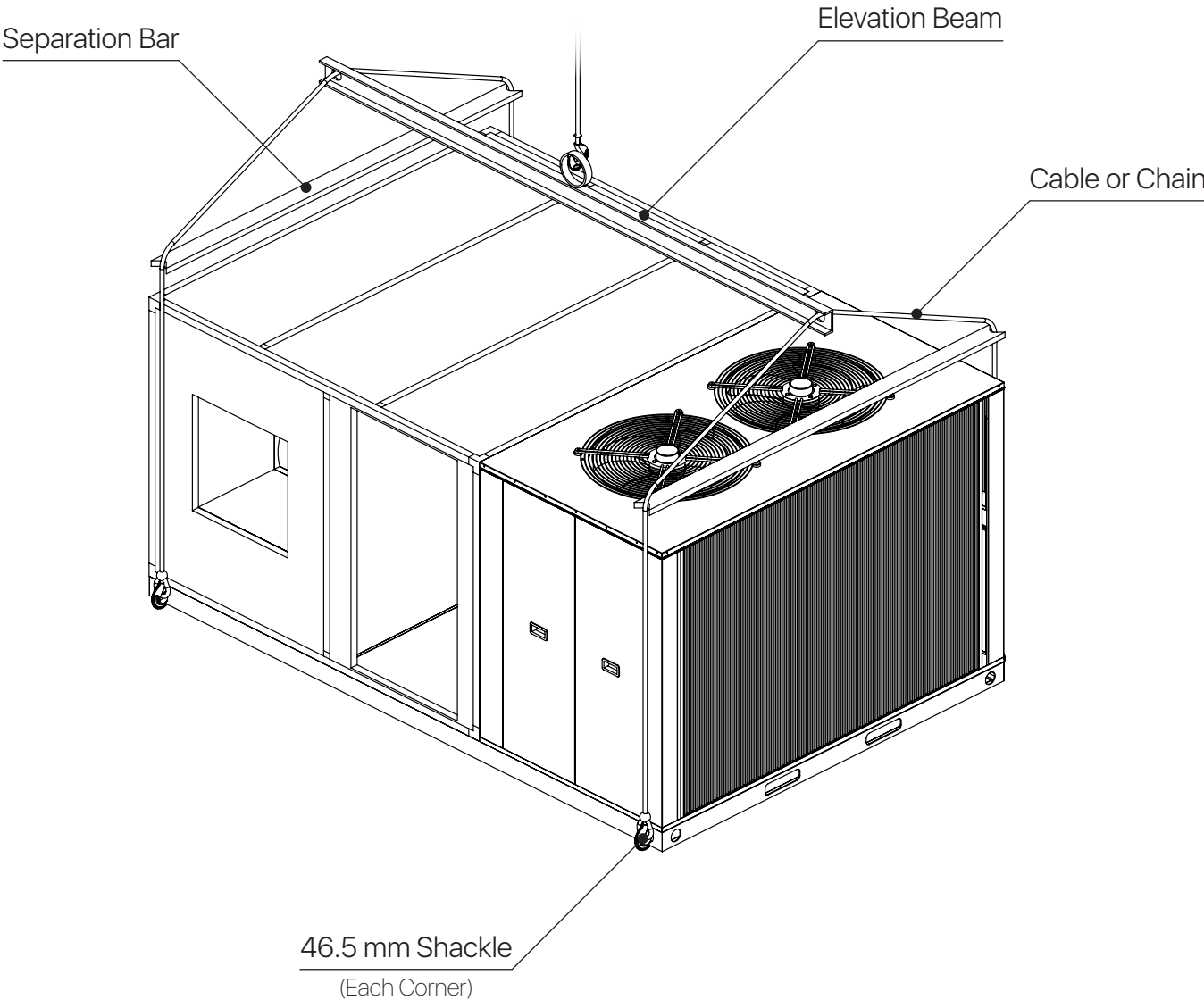


# Safety Distance

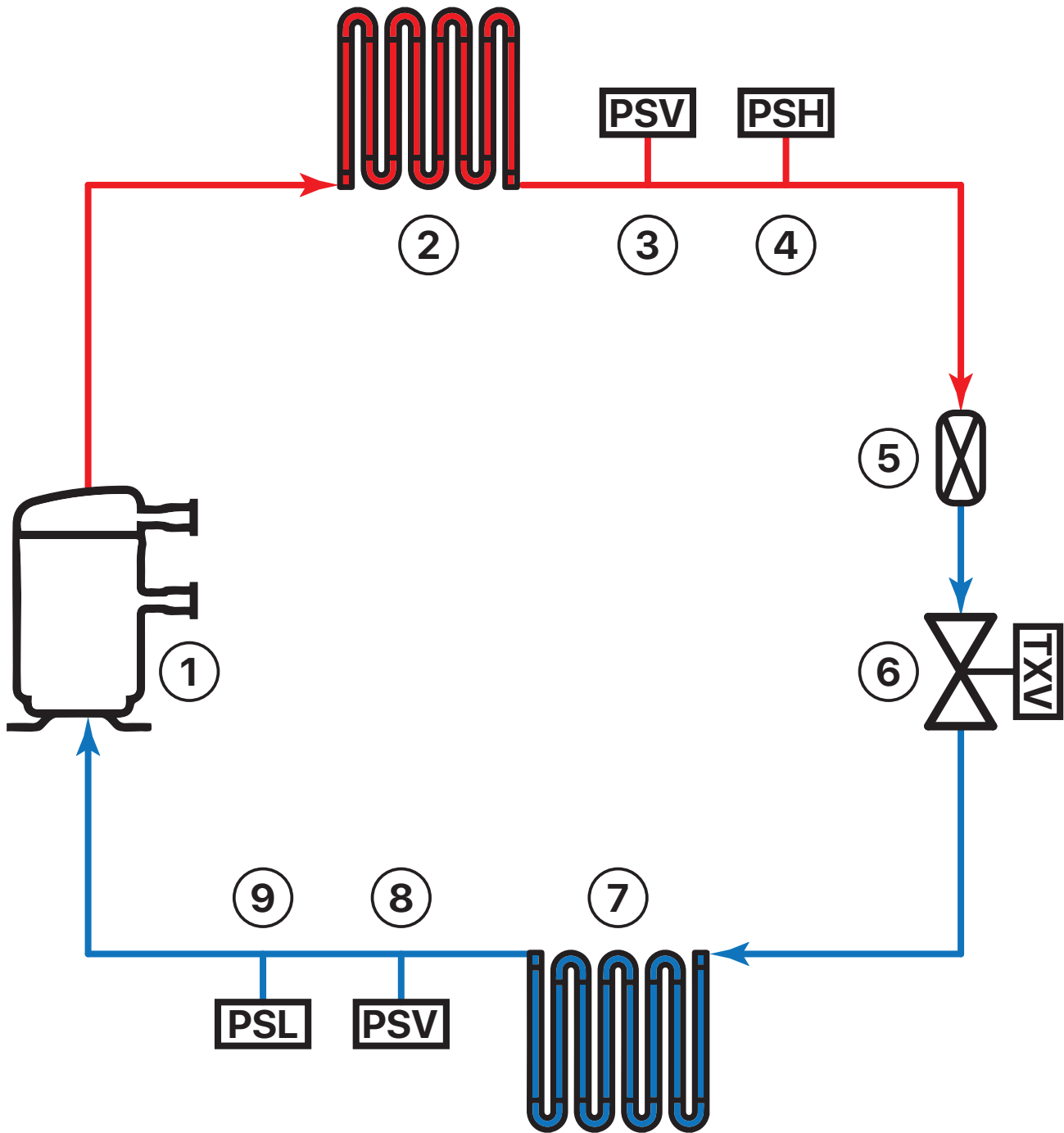
The following minimum free spaces must be observed for the proper performance and capacity of the unit.



# Safe Handling



# Refrigeration Diagram



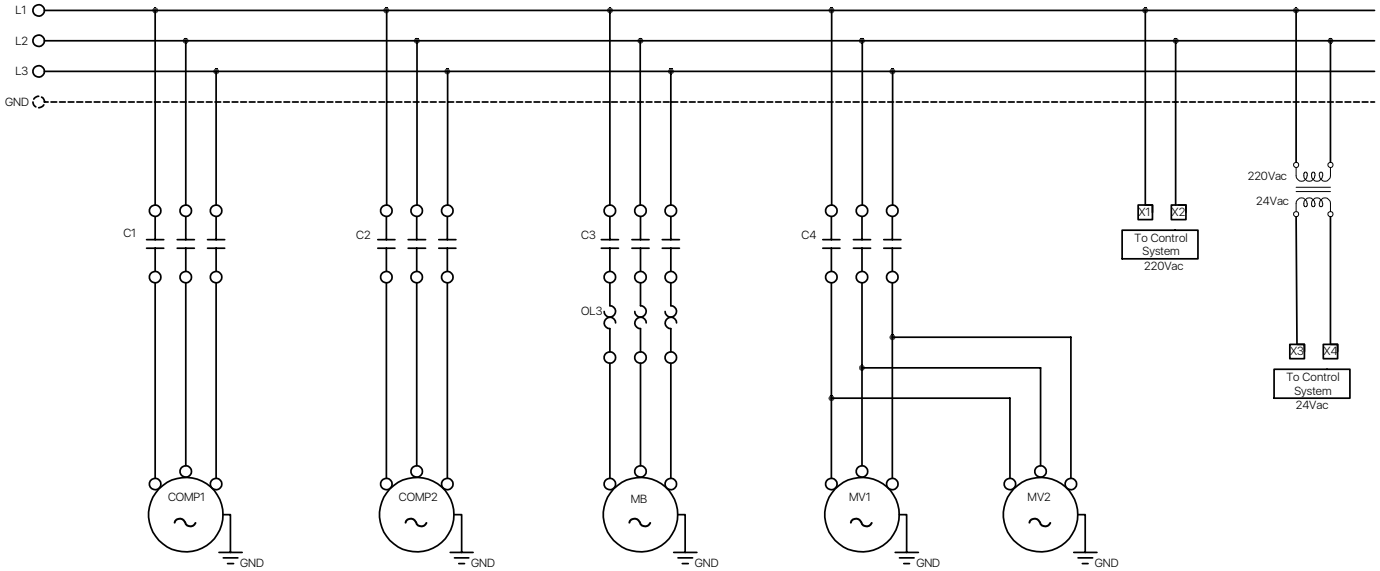
REF.	DESCRIPTION
1	SCROLL COMPRESSOR
2	CONDENSER COIL AND AXIAL FAN
3	ACCESS VALVE FOR PRELOAD AND CONTROL
4	HIGH PRESSURE SWITCH
5	FILTER DRYER

REF.	DESCRIPTION
6	EXPANSION VALVE (TXV)
7	EVAPORATOR COIL AND BLOWER FAN
8	ACCESS VALVE FOR PRELOAD AND CONTROL
9	LOW PRESSURE SWITCH

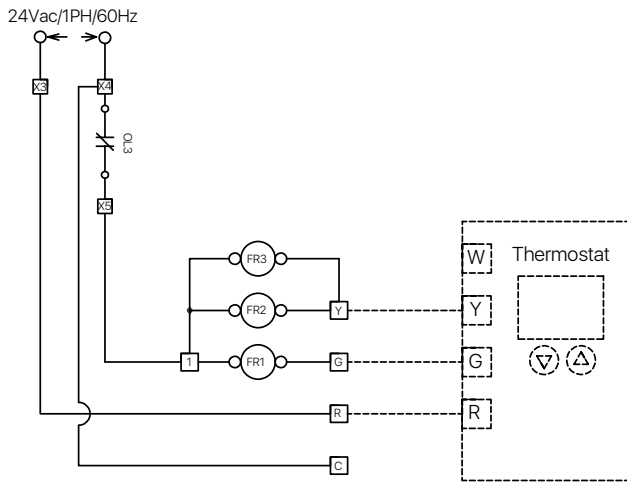
# Electric Diagram

While performing the electrical installation, the authorized technician must verify that they are complying with the electrical circuit of the equipment shown below:

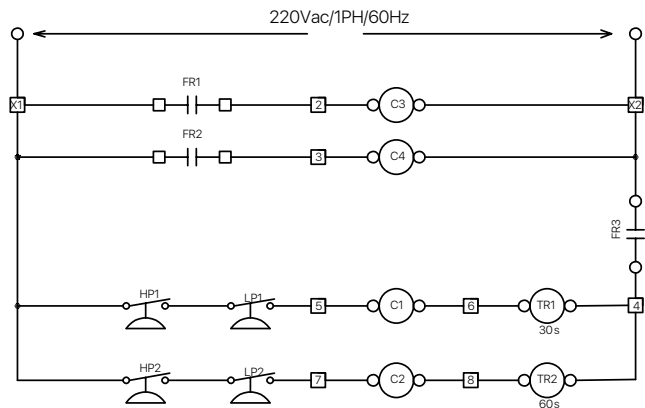
## 208V-230V / 3PH / 60Hz (POWER)



## (CONTROL)



Use points C & R to power thermostats that require external 24Vac power.



## WARNING

**High Voltage:** Disconnect all supply source before manipulating this unit. Multiple energy sources can be present. Not doing so can cause property damage, personal injury or death.

### Elements:

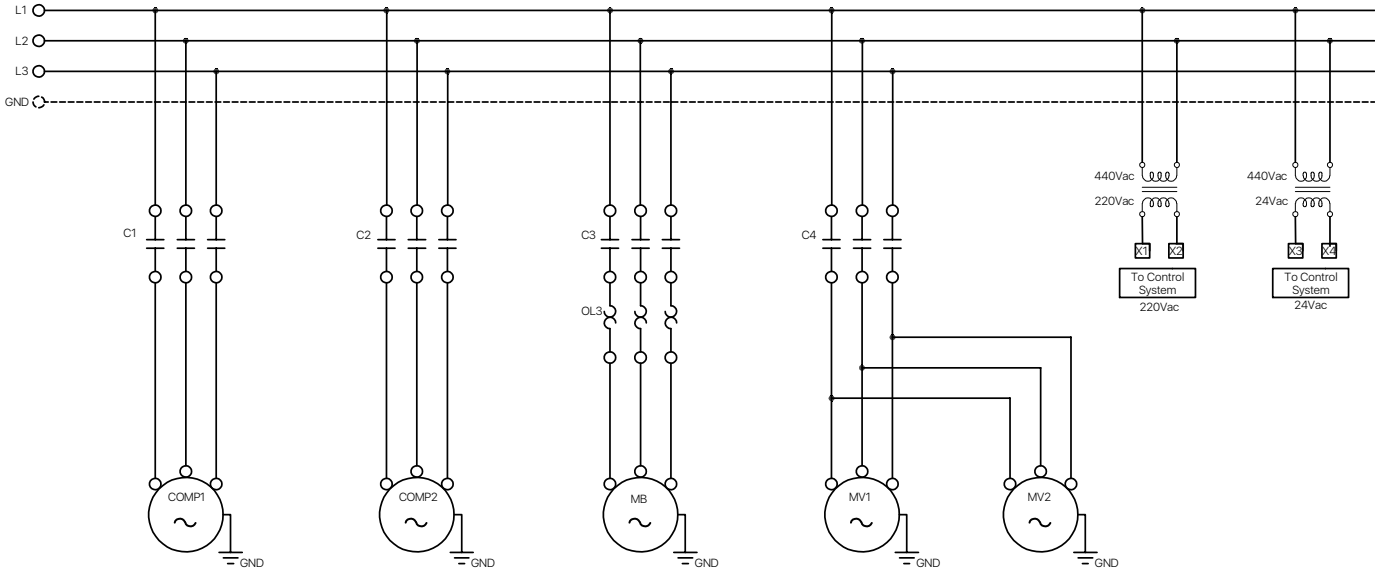
- COMP: Compressor
- MB: Blower Motor
- MV: Condenser Motor
- L: AC Supply Lines
- FR: Auxiliary Relay
- G: Fan Signal
- Y: Condenser Signal
- W: Dehumidifier Signal (N/A)
- R: Common 24Vac Lines
- C: Auxiliary 24Vac Lines

- HP: High Pressure Switch
- LP: Low Pressure Switch
- TR: Timer
- C1: Contactor
- OL: Thermal Relay
- GND: Ground
- — —: Factory Wiring
- - -: Field Wiring

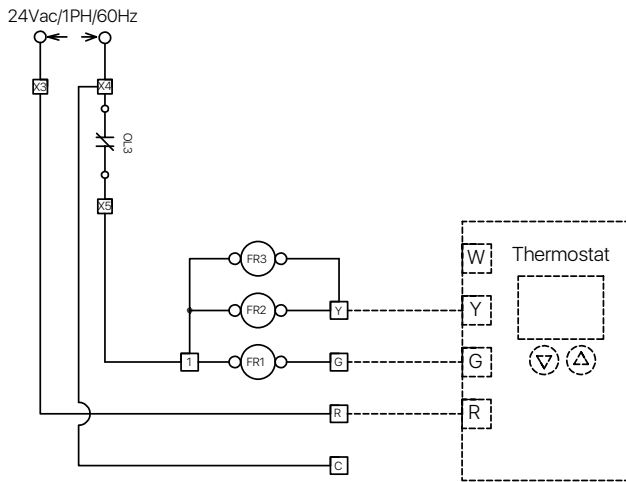
# Electric Diagram

While performing the electrical installation, the authorized technician must verify that they are complying with the electrical circuit of the equipment shown below:

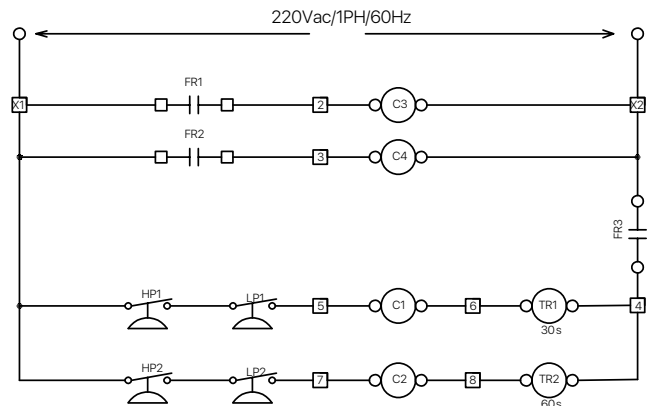
## 460V / 3PH / 60Hz (POWER)



## (CONTROL)



Use points C & R to power thermostats that require external 24Vac power.



## WARNING

**High Voltage:** Disconnect all supply source before manipulating this unit. Multiple energy sources can be present. Not doing so can cause property damage, personal injury or death.

### Elements:

- COMP: Compressor
- MB: Blower Motor
- MV: Condenser Motor
- L: AC Supply Lines
- FR: Auxiliary Relay
- G: Fan Signal
- Y: Condenser Signal
- W: Dehumidifier Signal (N/A)
- R: Common 24Vac Lines
- C: Auxiliary 24Vac Lines

- HP: High Pressure Switch
- LP: Low Pressure Switch
- TR: Timer
- C1: Contactor
- OL: Thermal Relay
- GND: Ground
- : Factory Wiring
- - -: Field Wiring

# Suggestions for Installation

The conditions that must be taken into account in general before installing the equipment:

**The works on the units must be carried out only by professionals. Do not connect the power supply until all the work is finished.**

## Considerations to take into account

1. It is very important in direct transmission equipment that air outlets are not linked in the same duct before a minimum distance of 1.5 meters and preferably at a distance of 2 meters.
2. Make sure the suspension support is strong enough to support the weight of the unit.
3. Most of the equipment weight is located in the refrigerant condensation zone, take into account for the installation of the base where the equipment will rest.
4. Select a place for an easy drainage connection. It is important to install a drainage trap.
5. Be sure to install the equipment level to ensure proper operation of the unit.
6. Select a place far from gases or explosive or combustible materials.
7. Preview the necessary free spaces for maintenance and technical assistance services.
8. Verify that the model, options and tension, indicated in the characteristics plate are correct.
9. Verify that the energy supply meets the specifications that appear on the equipment plate.
10. All field wiring must be carried out by duly qualified personnel. The wiring must be adjusted to the applicable local regulations.
11. Siga los requerimientos apropiados que establecen el código eléctrico nacional sobre las conexiones a masa.
12. Follow the appropriate requirements that establish the National Electric Code on mass connections.
13. Visually inspect the exterior of the unit, including the ceiling, to detect possible signs of damage during transport.
14. Perform a visual verification of the internal components to identify whether there is transport damage, as soon as possible, after the reception of the unit.
15. Avoid obstructions in the supply and return of air so the inner air will circulate properly.

# Suggestions for Ignition

Briefly, the steps for the ignition and commissioning of the equipment are as follows (only an authorized technician can do it):

**Never do work without the help of professionals. Before making any connection, be sure not to have connected or energized the equipment or sources of equipment until all the work is finished.**

## Steps for ignition of the unit

1. From the breaker box, take electric power to the equipment. Verify that the capacity of the disjunct is the required to protect the equipment.
2. Connect lines to the power beams, indicated as L1 and L2 of the electric box or L1, L2 and L3 for three-phase equipment.
3. Confirm that the ground connection is reliable and that the ground cable is connected to the special device of the building. Never connect the ground cable with gas, water, telephone cables, etc.
4. From the equipment, wire the three control lines R, G, Y & O\*, indicated in the electric box to the respective thermostat terminals.
5. The operation of the air conditioning system is controlled by the interior thermostat. You must adjust the thermostat to a set temperature (set point) to keep the interior temperature at the level you select.
6. The frequent thermostat movement produces faster cycles, which is potentially harmful to the compressor. For no reason move the thermostat temperature selector for at least 5 minutes after the compressor has turned off.
7. Ensure that all connections are correctly made, subject and according to the electrical diagrams provided.
8. Action switches (installed in the field) to energize the equipment.
9. Supply sufficient electrical capacity and respect the electrical cable section necessary for specified consumption.

# Maintenance Recommendations

With due maintenance and care, the air conditioning unit will work successfully. Before maintaining, consider the following security precautions:

## **WARNING!**

**To prevent damage to the equipment and personal injury or death, disconnect all electricity supply to the equipment before removing access panels to perform some maintenance work. Disconnect electricity to the interior and exterior units.**

**NOTE: It is possible that there is more than one electric disconnection switch.**

## **WARNING!**

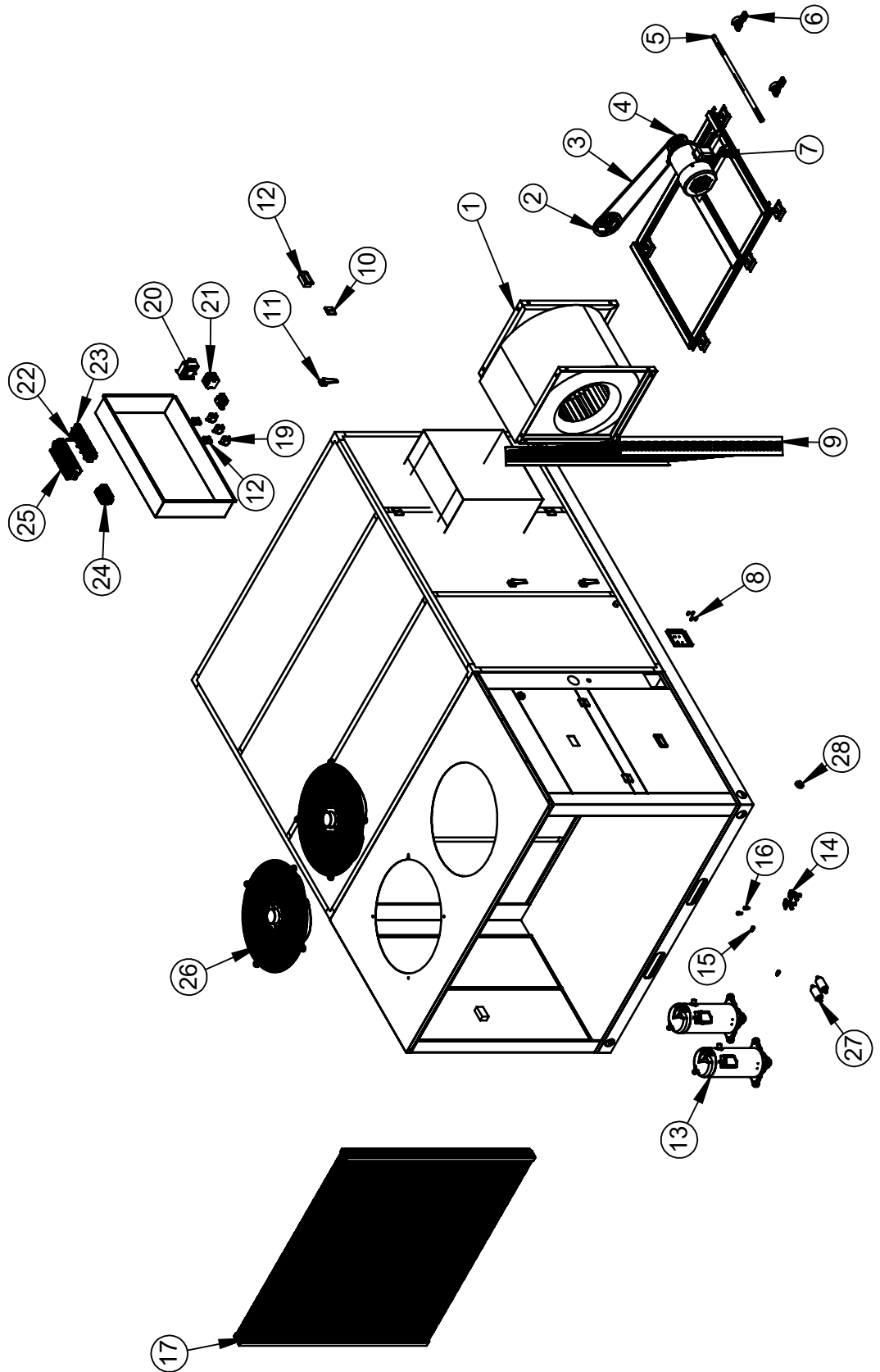
**Although special care has been taken to minimize acute edges in the construction of your equipment, be extremely careful when handling the pieces or putting your hand inside it.**

## **Recommendations**

1. Clean the air filter carefully, this in order to avoid a restricted air flow, which decreases the efficiency of the unit and its useful life.
2. Check the status of the evaporator coil. It is ideal that there is no obstruction, in order to guarantee the free flow of the coil.
3. In case it is necessary to clean the coil, you can do it with a detergent solution and rinse it with water. This may require coil extraction. Be careful not to fold or damage the fins.
4. Do not allow waste to accumulate around the unit or above it.
5. Periodically inspect the equipment power. Make sure to have the necessary power for the operation of this. The current of the main components of the system must be monitored according to the equipment plate.
6. Periodically inspect work pressures in the system (high and low pressure). They should not exceed their operation rank in normal use conditions.
7. It is recommended to verify parameters such as overheating and refrigerant overcooling. Which under normal conditions of use will have values between 8 and 15 ° F for overheating, and values between 5 and 15 ° F in overcooling.
8. Periodically review the condenser fan status to avoid dirt or friction between sheets that can unbalance the fans.
9. Periodically review that there is no obstruction in the equipment drainage to avoid overflowing water from the equipment.



# Exploded View



# Parts List - GXPk240DG4AB

REF.	PART NAME	QTY.	PART NUMBER
1	CENTRIFUGAL FAN 18" x 18" x 1-1/4"	1	20010034
2	DRIVEN PULLEY 2BK120H	1	53031294
2.1	TYPE H 1 1/4" DRIVEN PULLEY BUSHING	1	53041005
3	PULLEY DRIVE BELT	1	53040019
4	DRIVING PULLEY 2BK55H	1	53035005
4.1	TYPE H 1 1/8" DRIVING PULLEY BUSHING	1	53041003
5	AISI 4140 STEEL SHAFT 1-1/4" x 800mm	1	73222007
6	1-1/4" PILLOW BLOCK	2	53020003
7	5HP THREE-PHASE MOTOR	1	10060004
8	ACCESS VALVE 1/4"X0.032"X2"	4	16C056002
8.1	ACCESS VALVE 1/4"X0.032"X2" WITH NUT	4	16C056001
9	EVAP. 13-3x50x50"EC 15TR 2CIRC		
10	HINGE	10	59040014
11	NYLON HANDLE	8	51110010
12	LARGE BUILT-IN HANDLE	2	59040001
13	COPELAND 10TR SCROLL TYPE COMPRESSOR	2	14021187
14	EXPANSION VALVE 10TR R410A	2	091050
15	LOW PRESSURE SWITCH R410A 55-95	2	31020017
16	HIGH PRESSURE SWITCH R410A 610-420	2	31020016
17	COND. 17-3x58x65"EC 2CIRC COB-COB		
18	TIMER	2	16010001
19	FAN RELAY	3	15010002
20	TRANSFORMER 220V TO 24V	1	15110013
21	POWER TERMINAL	3	13110008
22	GROUND TERMINAL BLOCK	2	13110007
23	BIMETALLIC 11 - 17 AMP	1	13031086
23.1	BIMETALLIC 25 - 40 AMP	2	13031067
23.2	BIMETALLIC 1.8-2.8AMP	2	13031090
24	CONTROL TERMINAL	20	
25	CONTACTOR 25A-3P-220V	1	13030054
25.1	CONTACTOR 9A-3P-220V	2	13030056
25.2	CONTACTOR 50 A-3P-220V	2	13030051
26	AXIAL FAN WITH 710mm DIAMETER	2	10039016
27	1/2" FILTER DRYER	2	23010012
28	1/4" METAL CLOSURE	1	59040003

# Parts List - GXPK240DG7AB

REF.	PART NAME	QTY.	PART NUMBER
1	CENTRIFUGAL FAN 18" x 18" x 1-1/4"	1	20010034
2	DRIVEN PULLEY 2BK120H	1	53031294
2.1	TYPE H 1 1/4" DRIVEN PULLEY BUSHING	1	53041005
3	PULLEY DRIVE BELT	1	53040019
4	DRIVING PULLEY 2BK55H	1	53035005
4.1	TYPE H 1 1/8" DRIVING PULLEY BUSHING	1	53041003
5	AISI 4140 STEEL SHAFT 1-1/4" x 800mm	1	73222007
6	1-1/4" PILLOW BLOCK	2	53020003
7	5HP THREE-PHASE MOTOR	1	10060004
8	ACCESS VALVE 1/4"X0.032"X2"	4	16C056002
8.1	ACCESS VALVE 1/4"X0.032"X2" WITH NUT	4	16C056001
9	20TR EVAPORATOR HEAT EXCHANGER	1	-
10	HINGE	10	59040014
11	NYLON HANDLE	8	51110010
12	LARGE BUILT-IN HANDLE	2	59040001
13	COPELAND 10TR SCROLL TYPE COMPRESSOR	2	14021187
14	EXPANSION VALVE 10TR R410A	2	091050
15	LOW PRESSURE SWITCH R410A 55-95	2	31020017
16	HIGH PRESSURE SWITCH R410A 610-420	2	31020016
17	20TR CONDENSER HEAT EXCHANGER	1	-
18	TIMER	2	16010001
19	FAN RELAY	3	15010002
20	TRANSFORMER 440V TO 24V	1	15110014
21	POWER TERMINAL	3	13110008
22	GROUND TERMINAL BLOCK	2	13110007
23	BIMETALLIC 15-23AMP	2	13031071
23.1	BIMETALLIC 1.8-2.8A	2	13031090
23.2	BIMETALLIC 5.6-8A	1	13031068
24	CONTROL TERMINAL	14	13110010
25	CONTACTOR 25A 3P 220V	2	13030054
25.1	CONTACTOR 9A 3P 220V	2	13030056
25.2	CONTACTOR 12A 3P 220V	1	13030055
26	AXIAL FAN WITH 710mm DIAMETER	2	10039016
27	1/2" FILTER DRYER	2	23010012
28	1/4" METAL CLOSURE	1	59040003
29	TRANSFORMER 220V TO 24V	1	15110013







In accordance with its continuous progress policy and product improvement, Goodman reserves the right to make changes without prior notice.