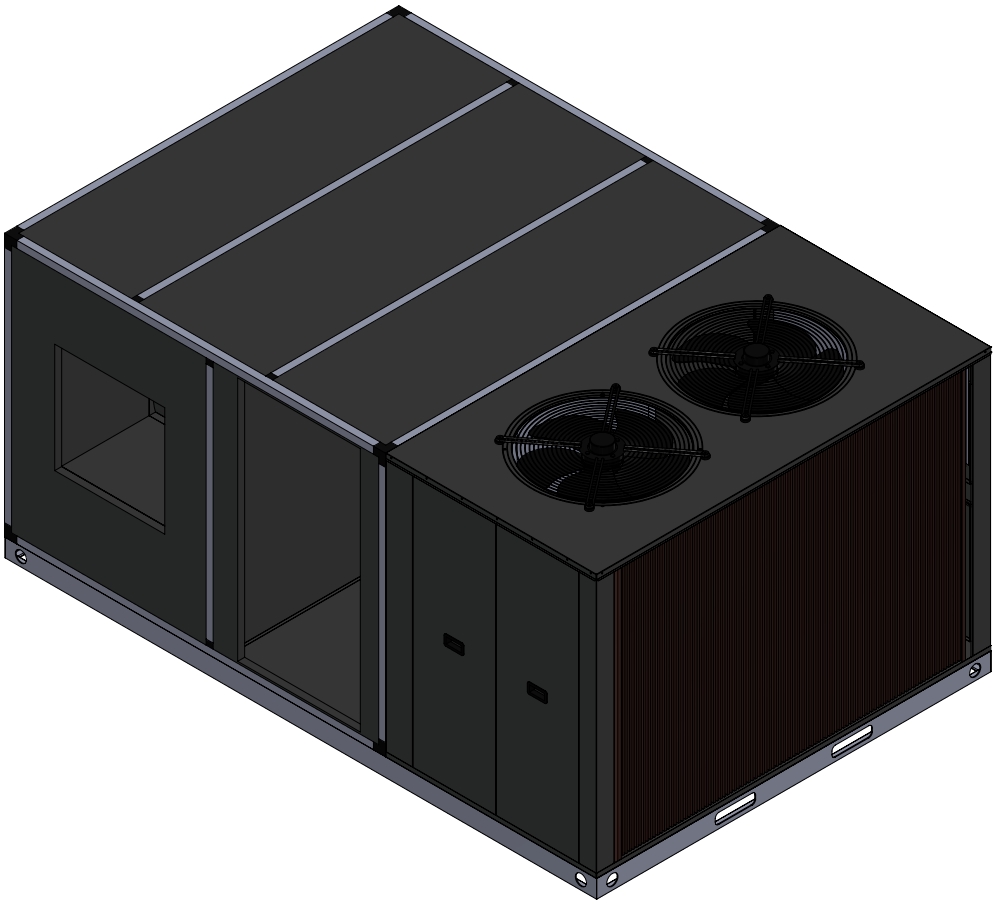
Goodman®

Commercial Manual
COSTERA Series
Air Cooled Horizontal Package Unit
15 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

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.

WARNING

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.

CAUTION

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.

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.

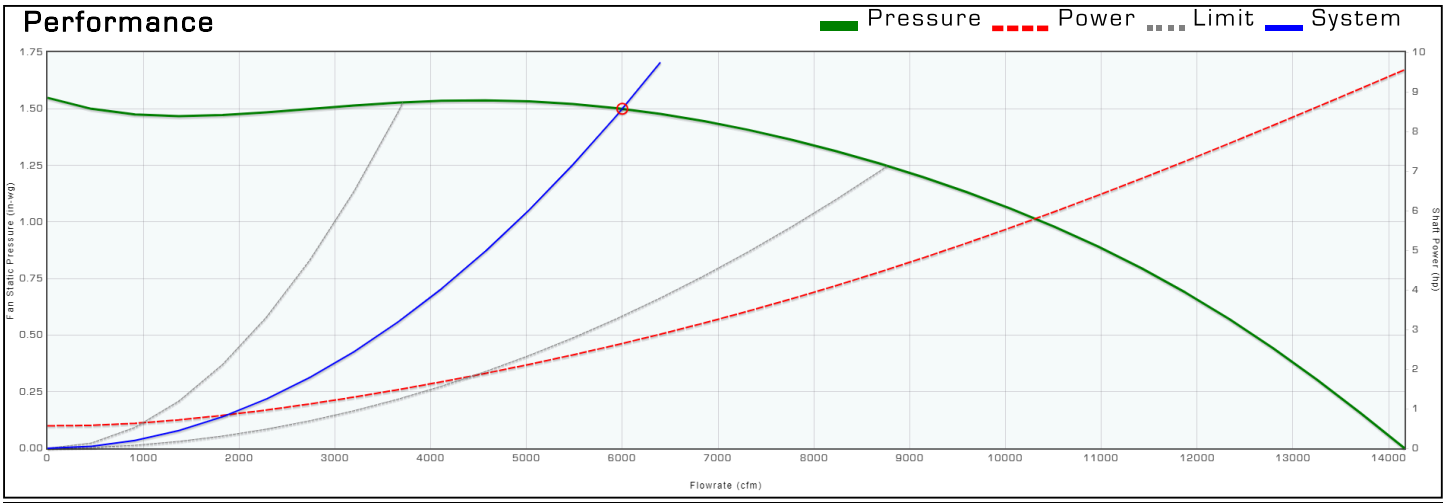
Technical Specifications

	GXPK180DG4AB	GXPK180DG7AB
GENERAL DATA		
Cooling Capacity (BTU/h)	180,000	180,000
Cooling Tons	15	15
Efficiency[1] EER	12	12
EVAPORATOR FAN		
Transmission	Pulley	Pulley
Number of Fans	1	1
Rated Air Flow[1] (CFM)	6000	6000
Blower (DxW)	18 x 18	18 x 18
Number of Motors	1	1
Current (A)	8.4	4.2
Power (HP)	3	3
RPM	1800	1800
EVAPORATOR COIL		
Type (Tube / Fin)	Copper / Copper	Copper / Copper
Rows	3	3
Fins Per Inch	13	13
CONDENSER FAN		
Number of Fans	2	2
Type	Axial	Axial
Number of Motors	2	2
Current (A)	2.2	1.2
Power (HP)	709	789
RPM	984	1062
Fan Diameter (mm)	630	630
CONDENSER COIL		
Type (Tube / Fin)	Copper / Copper	Copper / Copper
Rows	3	3
Fins Per Inch	17	17
COMPRESSOR		
Refrigerant	R410a	R410a
Quantity	2	2
Type	Scroll	Scroll
RLA[2]	27.9 / 25.0	13.6 / 12.2
LRA[3]	164.0	100.0
ELECTRICAL DATA		
V / Ph / Hz	(208-230 / 3 / 60)	(460 / 3 / 60)
Operating Current[1] (A)	69.0	34.0
Unit Total Amperage[1] (A)	69.0	34.0
Minimum Circuit Ampacity (A)	76.0	38.0
Max. Overload Protection (A)	104.0	51.0
NET WEIGHT (kg)	1300	1300
GROSS WEIGHT (kg)	1310	1310

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

Blower Performance Data

Model A18-18A	**Flow** 6000 cfm	**Pressure** 1.50 in-wg	**Temperature** 70 °F	**Altitude** 0 ft	**Density** 0.075 lb/ft^3	**Q Derate** 0 cfm	**P Derate** 0.00 in-wg	**Vav Set Point** 0.00 in-wg
Fan Tag	**Flow** 6000 cfm	**Pressure** 1.50 in-wg	**Power** 2.65 hp	**Static Efficiency** 53.6 %	**Total Efficiency** 63.4 %	**Speed** 715 rpm	**Outlet Velocity** 2091 fpm	**Efficiency Rating** FEG71
	Impeller Dia 18.0 in	**Outlet Area** 2.87 ft^2	**Max. Speed** 1200 rpm	**AMCA Class** 0	**Drive** Belt Drive	**Blades** 48	**P Volume** 13.17 ft^3	**TurnDown** 100 %



Sound(Lwi)	63	125	250	500	1000	2000	4000	8000	Lw	LwA
	86	85	82	81	80	78	75	72	91	85

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.

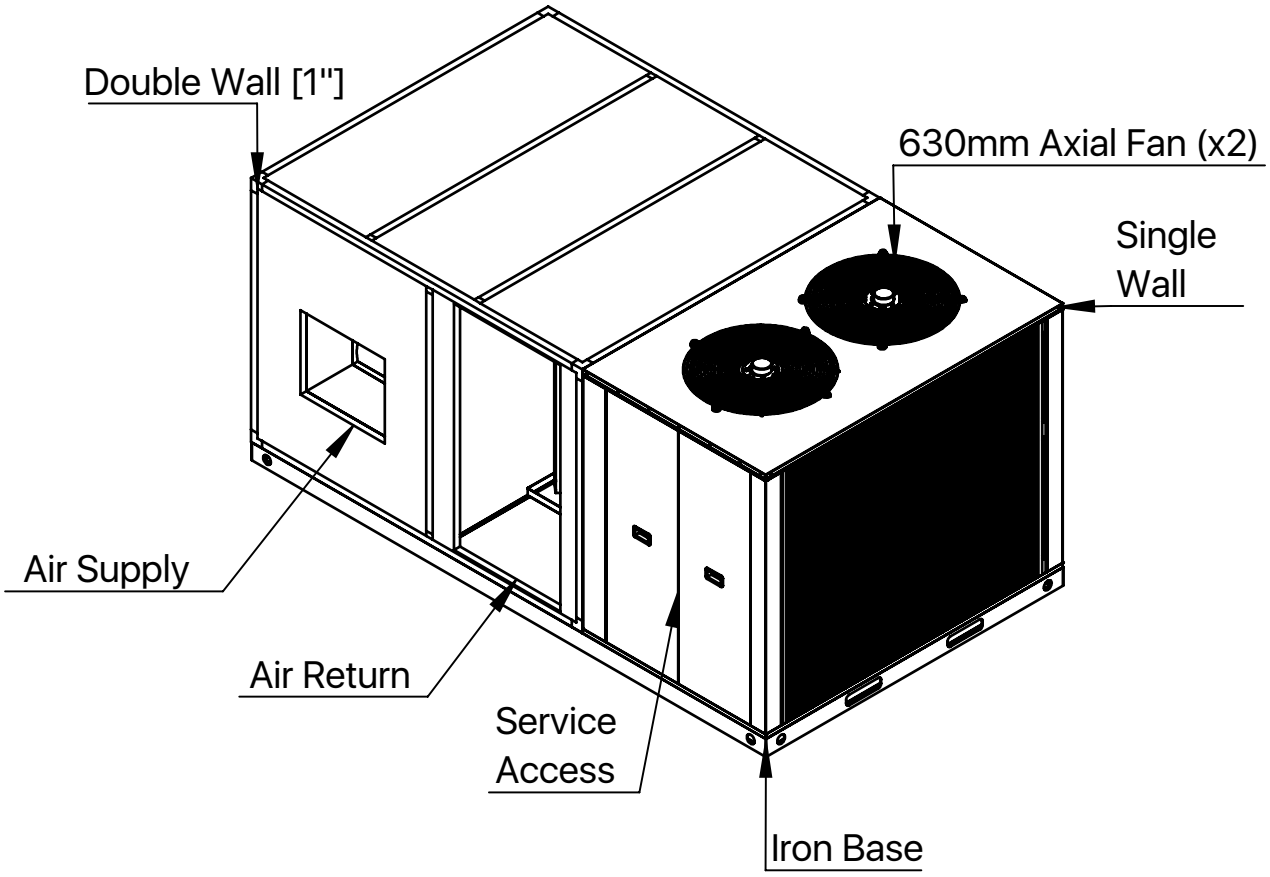
System Performance Data

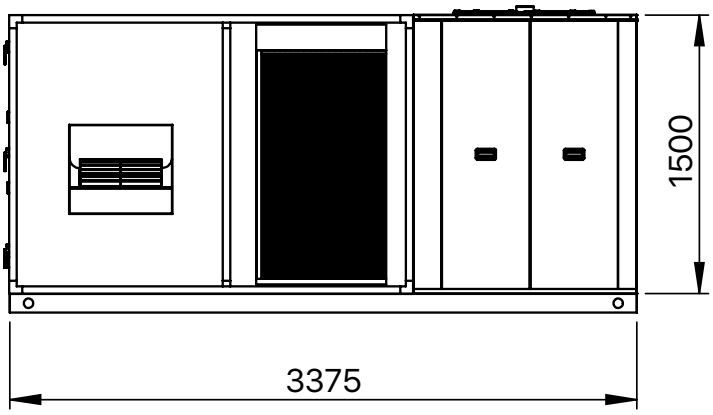
Airflow (CFM)	Ent DB (°F)	Ambient Temperature (°F)																											
		85									95									105									
		Wet Bulb Inlet (°F)																											
		61			67			73			61			67			73			61			67			73		
		MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)
3600	75	85	83	7	137	75	11	210	74	17	80	78	7	129	71	12	195	69	18	75	73	8	121	67	12	181	64	18
	80	101	101	8	137	94	11	208	93	17	95	95	9	129	89	12	193	86	18	89	89	9	121	84	12	179	80	18
	85	118	118	9	138	113	11	208	111	17	111	111	10	130	107	12	193	103	18	104	104	10	122	101	12	179	96	18
	90	135	135	11	143	134	11	208	129	17	127	127	12	135	126	12	193	120	18	119	119	12	127	118	13	179	112	18
4800	75	105	104	8	165	93	13	255	89	20	99	98	9	156	88	14	237	83	22	93	92	9	147	83	15	220	77	22
	80	124	124	10	165	117	13	253	113	20	117	117	11	156	110	14	235	105	21	110	110	11	147	103	15	219	98	22
	85	146	146	12	166	141	13	253	137	20	138	138	13	157	133	14	235	127	21	130	130	13	148	125	15	219	118	22
	90	169	169	13	175	167	14	253	160	20	159	159	14	165	158	15	235	149	21	149	149	15	155	149	16	219	139	22
6000	75	121	121	10	191	109	15	293	102	23	114	114	10	180	103	16	272	95	25	107	107	11	169	97	17	253	88	25
	80	146	146	12	191	137	15	293	130	23	138	138	13	180	129	16	272	121	25	130	130	13	169	121	17	253	113	25
	85	172	172	14	193	166	15	293	159	23	162	162	15	182	157	17	272	148	25	152	152	15	171	148	17	253	138	25
	90	198	198	16	205	199	16	293	188	23	187	187	17	193	188	18	272	175	25	176	176	18	181	177	18	253	163	25
7200	75	138	138	11	212	123	17	328	114	26	130	130	12	200	116	18	305	106	28	122	122	12	188	109	19	284	99	28
	80	166	166	13	212	156	17	328	147	26	157	157	14	200	147	18	305	137	28	148	148	15	188	138	19	284	127	28
	85	196	196	16	215	190	17	328	181	26	185	185	17	203	179	18	305	168	28	174	174	17	191	168	19	284	156	28
	90	226	226	18	231	228	18	328	214	26	213	213	19	218	215	20	305	199	28	200	200	20	205	202	20	284	185	28
8400	75	152	152	12	232	136	19	360	125	29	143	143	13	219	128	20	335	116	30	134	134	13	206	120	21	312	108	31
	80	184	184	15	232	173	19	360	162	29	174	174	16	219	163	20	335	151	30	164	164	16	206	153	21	312	140	31
	85	217	217	17	236	212	19	360	200	29	205	205	19	223	200	20	335	186	30	193	193	19	210	188	21	312	173	31
	90	251	251	21	252	252	20	360	238	29	237	237	22	238	238	22	335	221	30	223	223	22	224	224	22	312	206	31

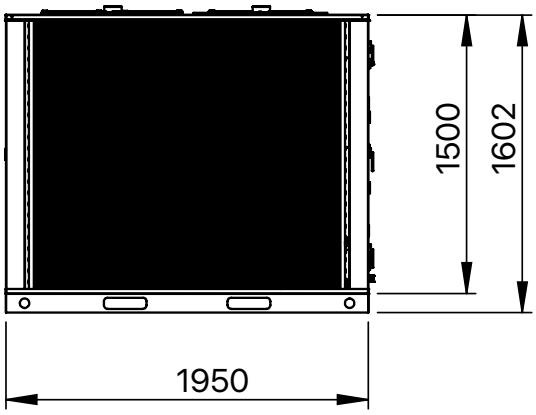
Airflow (CFM)	Ent DB (°F)	Ambient Temperature (°F)																											
		115									120									125									
		Wet Bulb Inlet (°F)																											
		61			67			73			61			67			73			61			67			73		
		MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)
3600	75	71	69	8	114	63	13	169	66	19	66	66	8	107	60	13	157	64	20	62	64	9	101	57	14	146	62	21
	80	84	84	9	114	79	13	167	82	19	79	81	10	107	75	13	155	80	19	74	77	11	101	71	14	144	78	21
	85	98	98	11	115	95	13	167	99	19	92	94	12	108	90	13	155	96	19	87	90	12	101	85	14	144	93	21
	90	112	112	12	119	111	13	167	115	19	105	108	13	112	106	14	155	111	19	99	103	14	105	100	15	144	108	21
4800	75	87	87	10	138	78	15	205	80	23	82	83	10	130	74	16	191	77	24	77	80	11	122	70	17	177	75	25
	80	103	103	11	138	97	15	203	101	23	97	99	12	130	92	16	189	98	24	91	95	13	122	88	17	176	95	25
	85	122	122	14	139	118	15	203	122	23	115	117	14	130	112	16	189	118	24	108	112	15	123	106	18	176	114	25
	90	140	140	16	146	140	16	203	143	23	132	135	17	137	133	17	189	138	24	124	129	18	129	126	18	176	134	25
6000	75	101	101	11	159	91	18	235	91	26	95	97	12	150	86	19	219	88	27	89	93	13	141	82	20	203	86	29
	80	122	122	14	159	114	18	235	116	26	115	117	14	150	108	19	219	112	27	108	112	15	141	103	20	203	109	29
	85	143	143	16	161	139	18	235	142	26	135	137	17	151	132	19	219	138	27	126	132	18	142	125	20	203	133	29
	90	165	165	18	171	166	19	235	168	26	155	159	19	160	158	20	219	163	27	146	152	21	151	150	22	203	158	29
7200	75	115	115	13	177	102	20	264	102	29	108	110	13	166	97	21	245	98	31	101	106	14	156	93	22	228	96	33
	80	139	139	15	177	130	20	264	131	29	130	133	16	166	123	21	245	127	31	123	128	18	156	117	22	228	123	33
	85	163	163	18	179	158	20	264	161	29	154	157	19	169	150	21	245	156	31	144	151	21	158	143	23	228	151	33
	90	188	188	21	193	190	21	264	191	29	177	181	22	181	180	23	245	185	31	166	173	24	170	171	24	228	179	33
8400	75	126	126	14	194	113	22	290	111	32	119	121	15	182	107	23	269	108	34	112	116	16	171	102	24	251	105	36
	80	154	154	17	194	144	22	290	145	32	145	148	18	182	137	23	269	140	34	136	142	19	171	130	24	251	136	36
	85	181	181	20	197	177	22	290	178	32	170	174	21	185	168	23	269	173	34	160	167	23	174	159	25	251	168	36
	90	209	209	23	210	210	23	290	212	32	197	201	25	198	200	25	269	205	34	185	193	26	186	190	27	251	199	36

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

Unit Dimensions



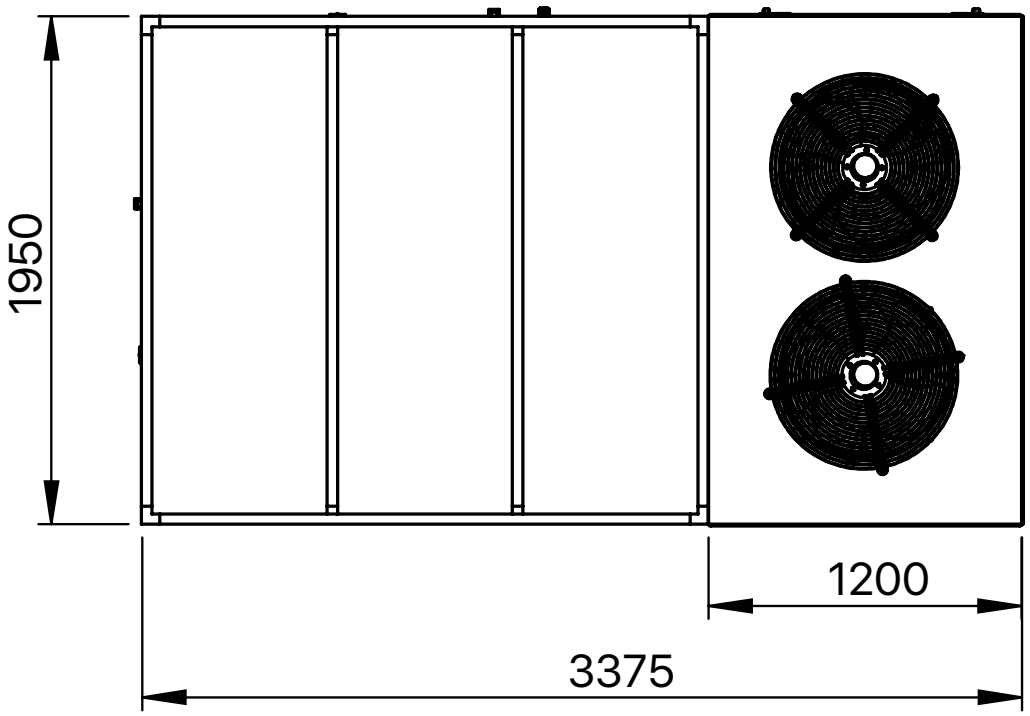


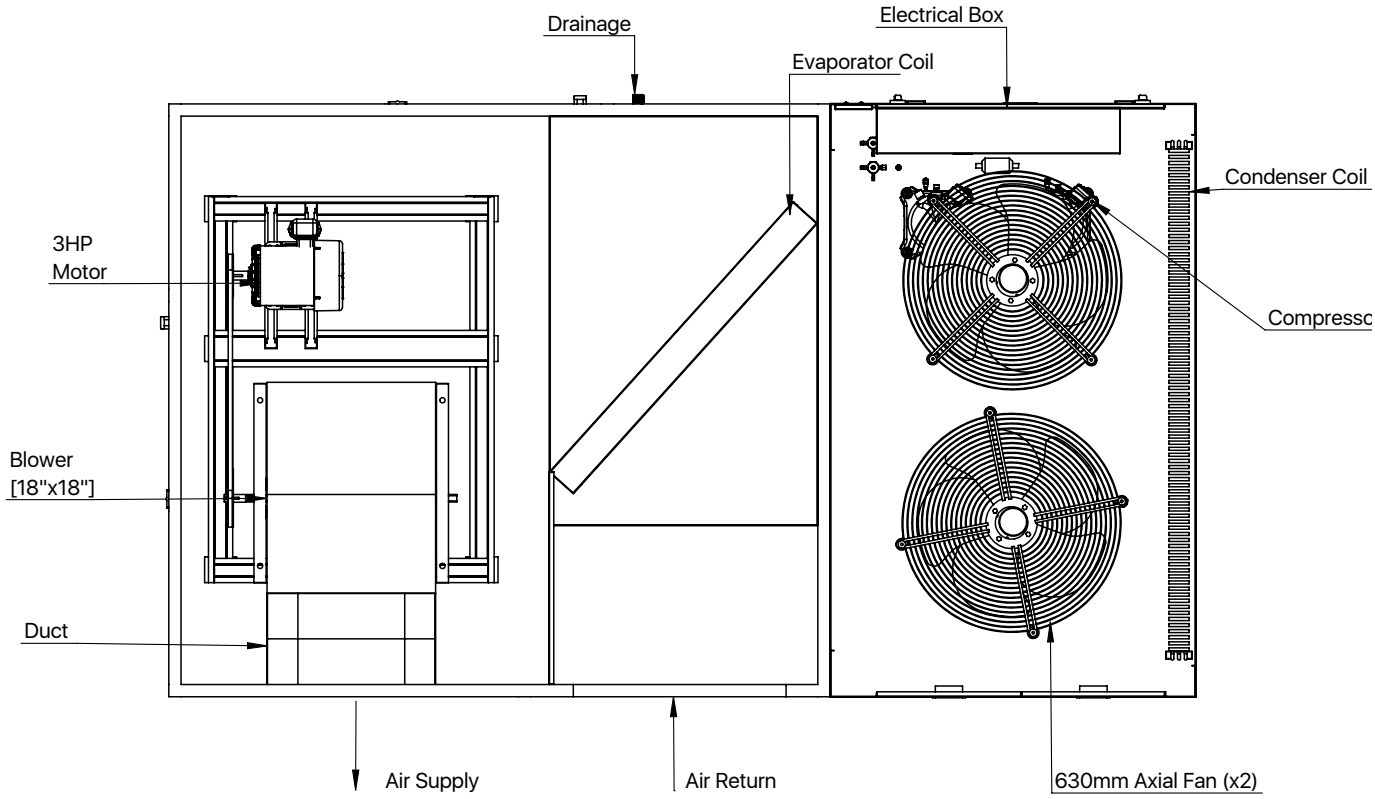


Note: All measurements are in millimeters (mm).

Unit Dimensions

TOP VIEW

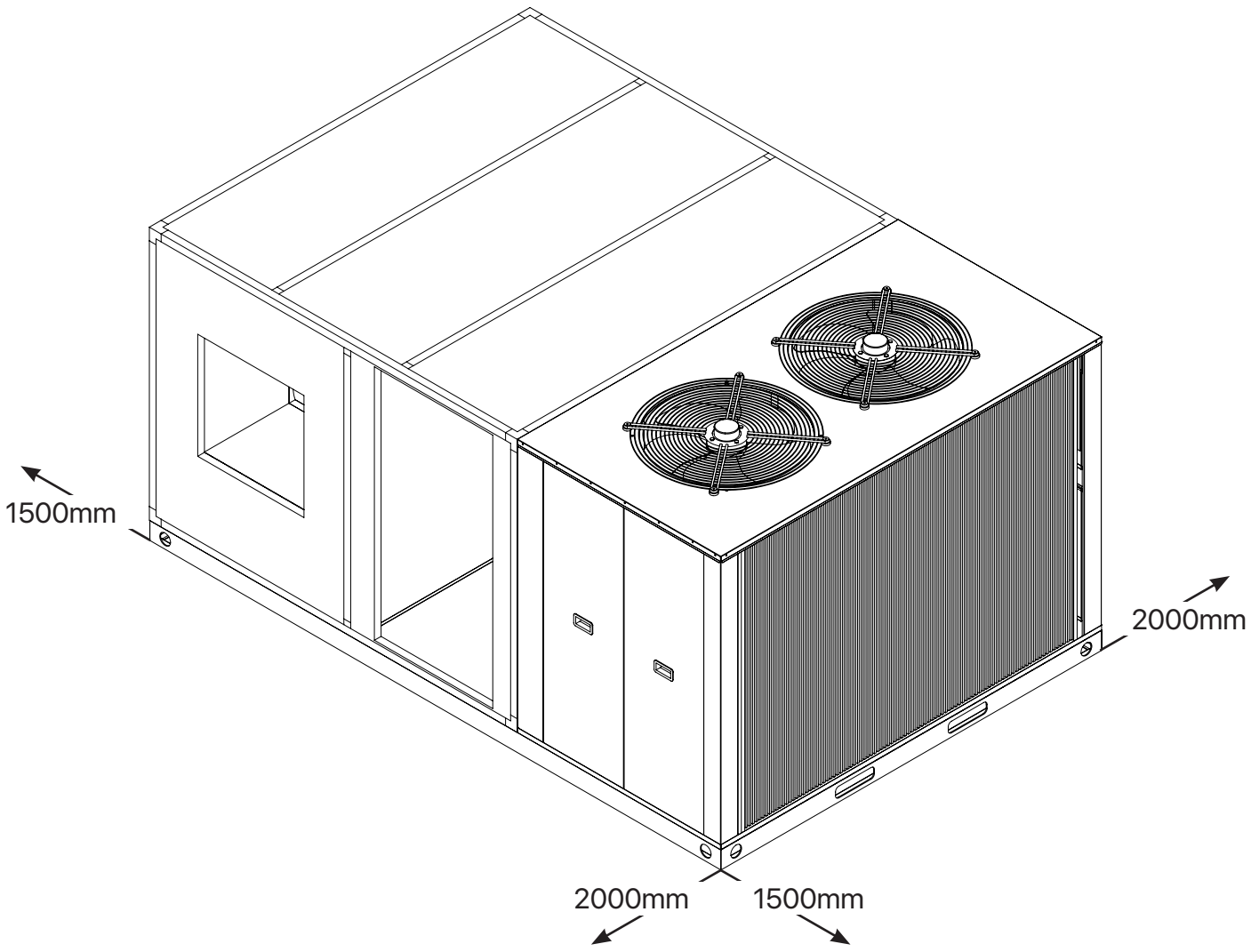




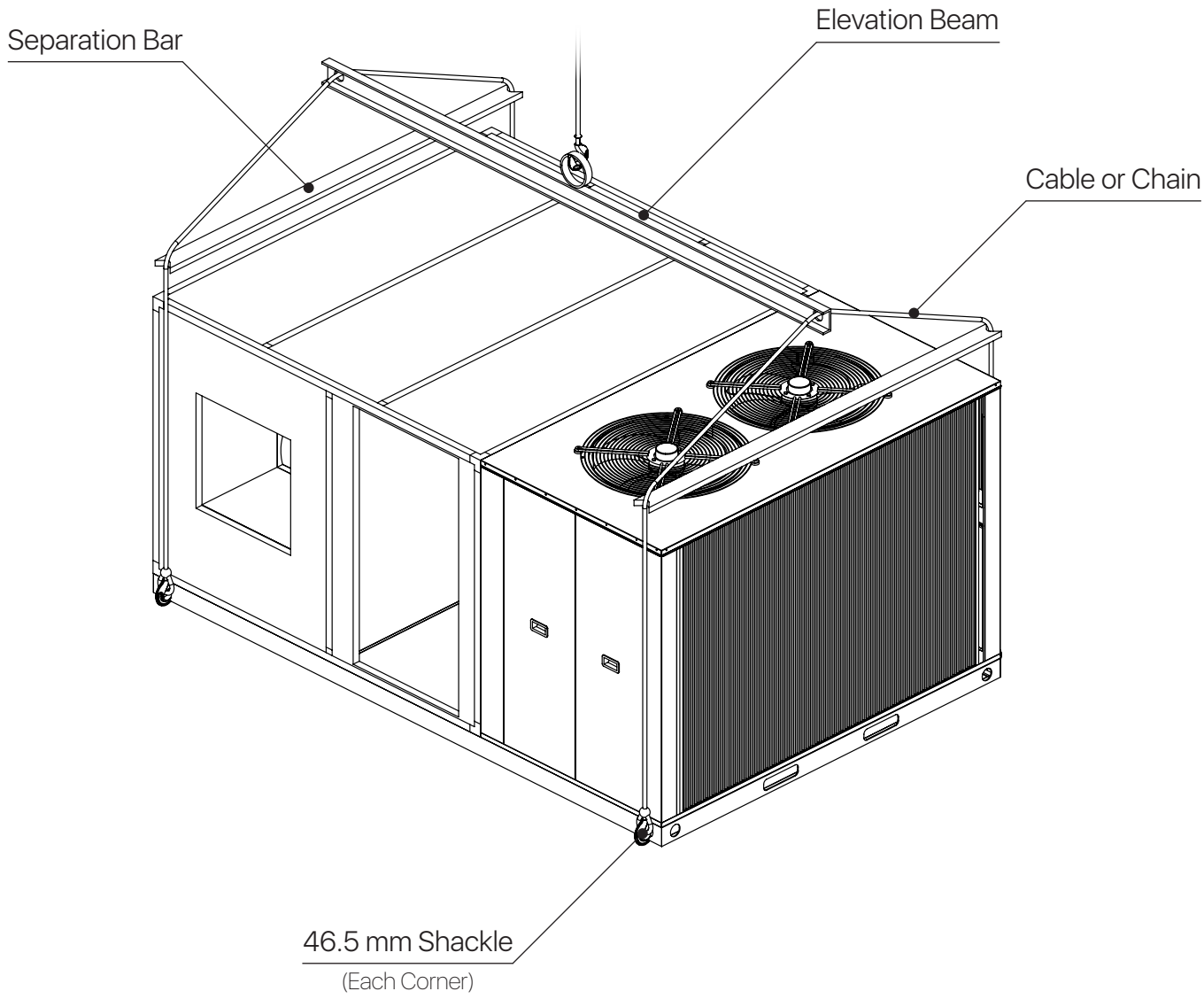
Note: All measurements are in millimeters (mm).

Safety Distance

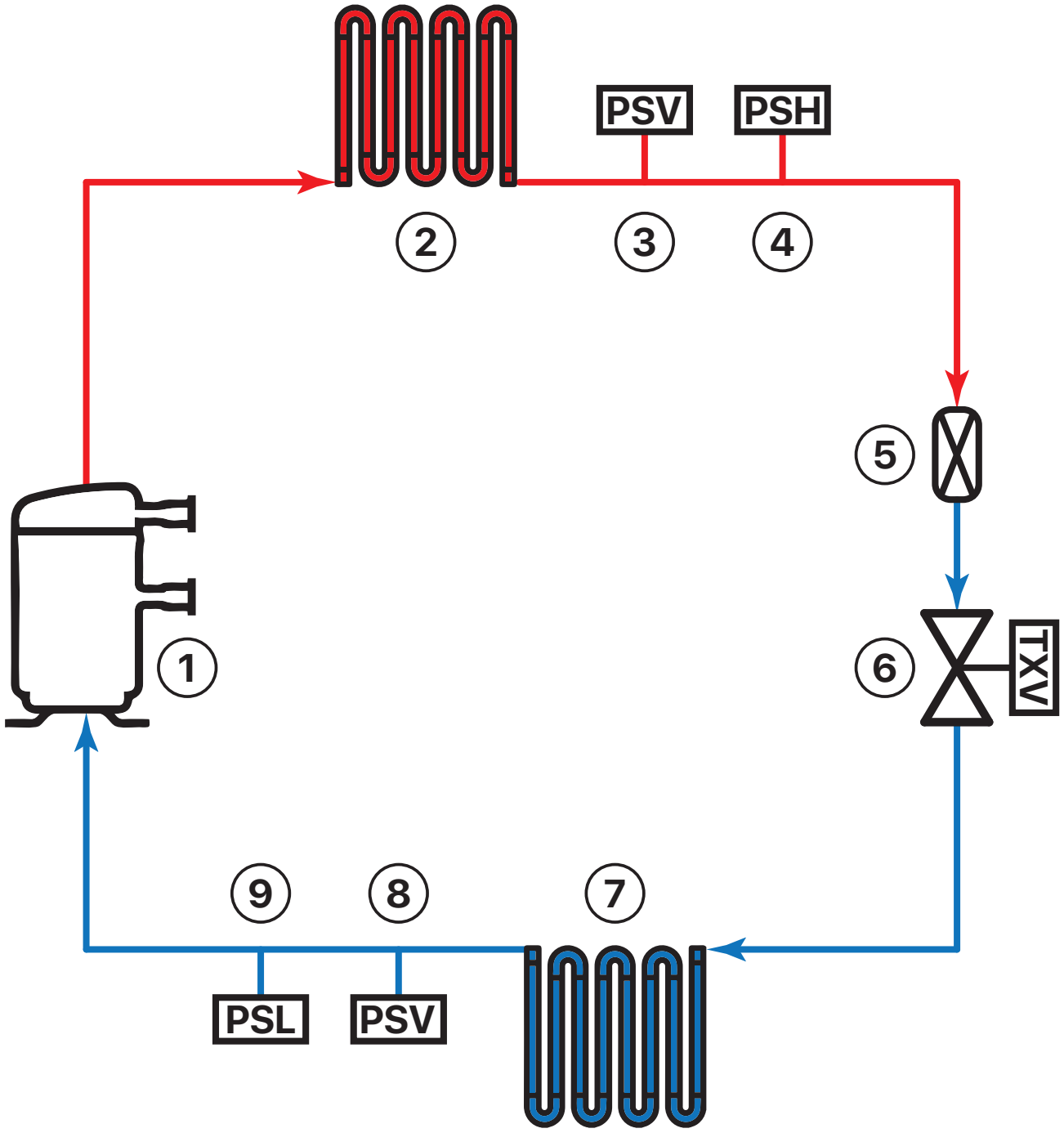
The following minimum free spaces must be observed for the proper performance and capacity of the unit.



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

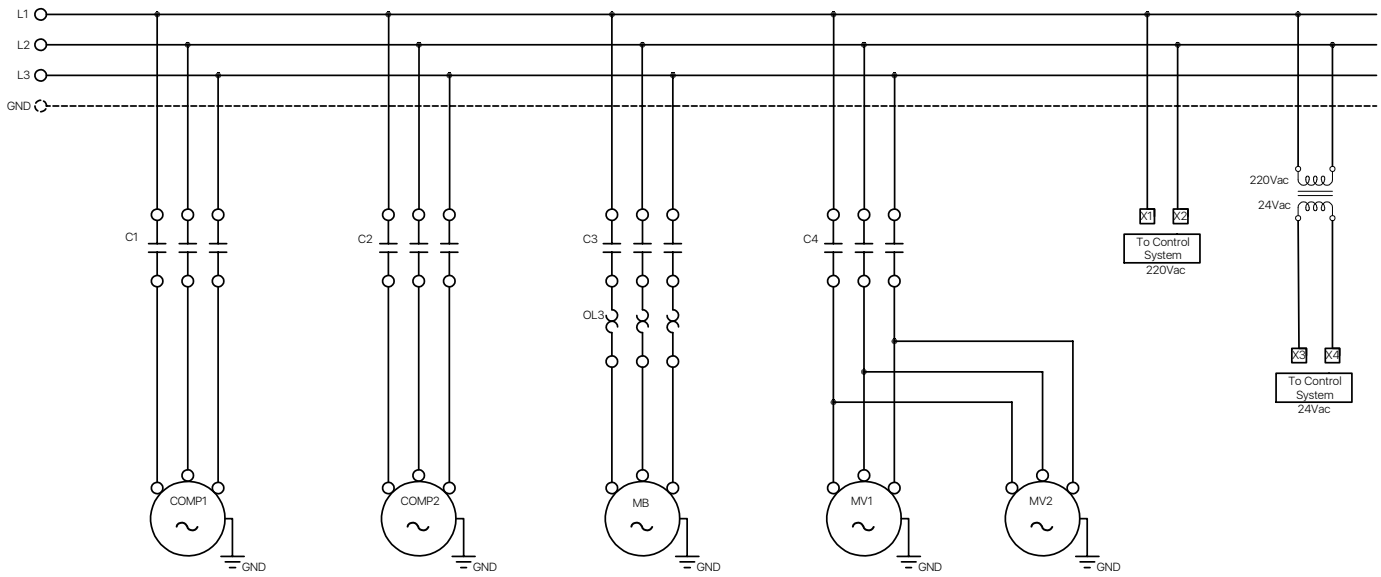
REF.	DESCRIPTION
6	EXPANSION VALVE (TXV)
7	EVAPORATOR COIL AND BLOWER FAN
8	ACCESS VALVE FOR PRELOAD AND CONTROL
9	LOW PRESSURE SWITCH

Electric Diagram

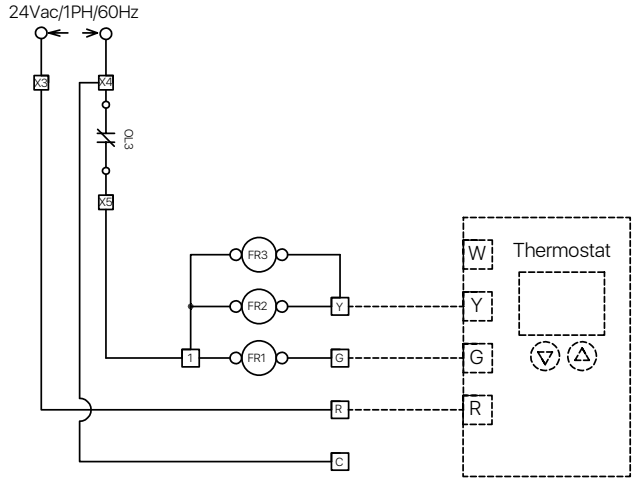
While performing the electrical installation, the authorized technician must verify that they are complying with the electrical circuit of the equipment shown below:

208V-230V / 3PH / 60Hz

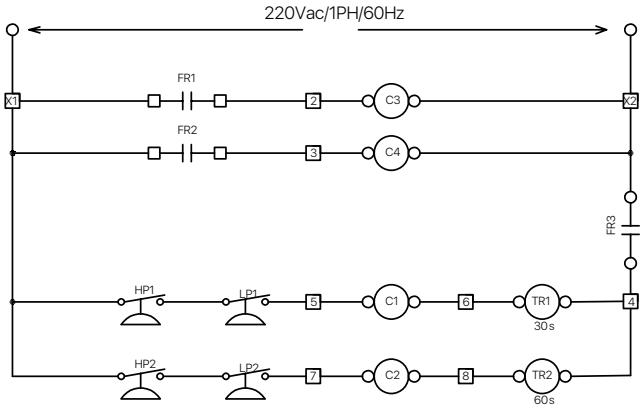
(POWER)



(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

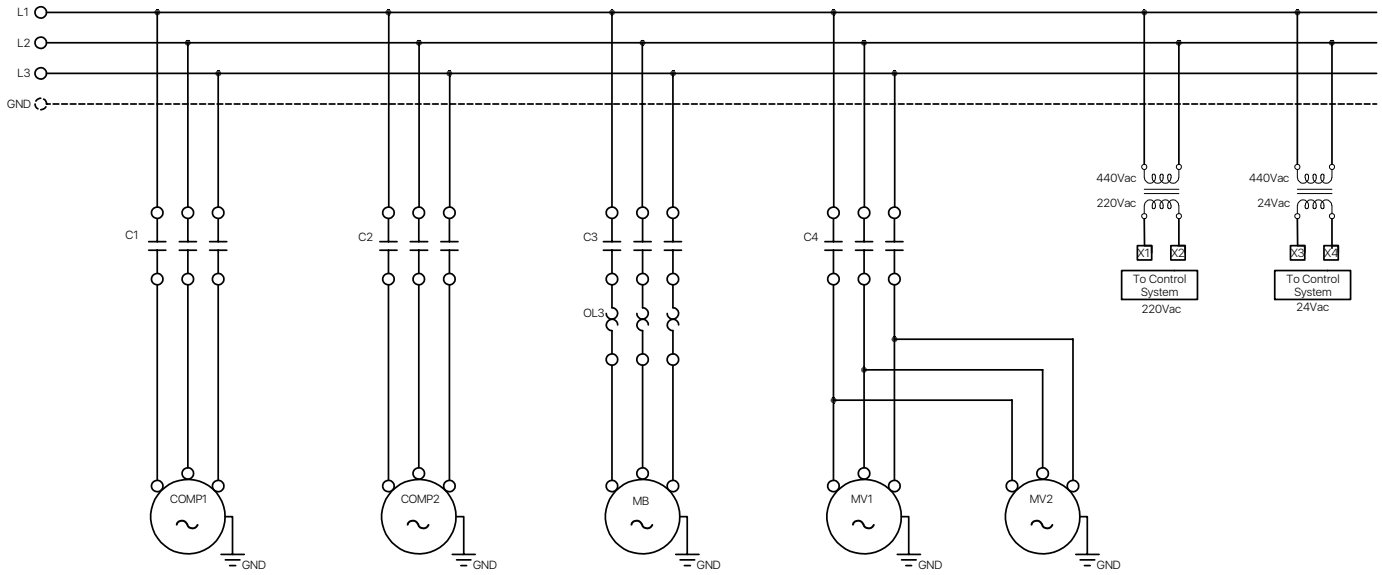
HP:	High Pressure Switch
LP:	Low Pressure Switch
TR:	Timer
C1:	Contactor
OL:	Thermal Relay
GND:	Ground
———	Factory Wiring
– – –	Field Wiring

Electric Diagram

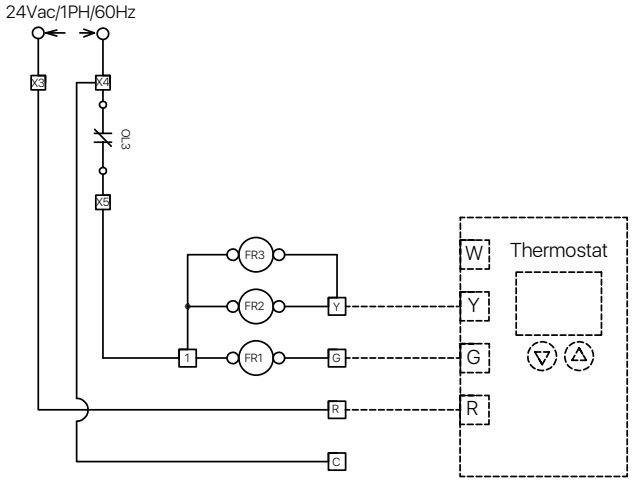
While performing the electrical installation, the authorized technician must verify that they are complying with the electrical circuit of the equipment shown below:

460V / 3PH / 60Hz

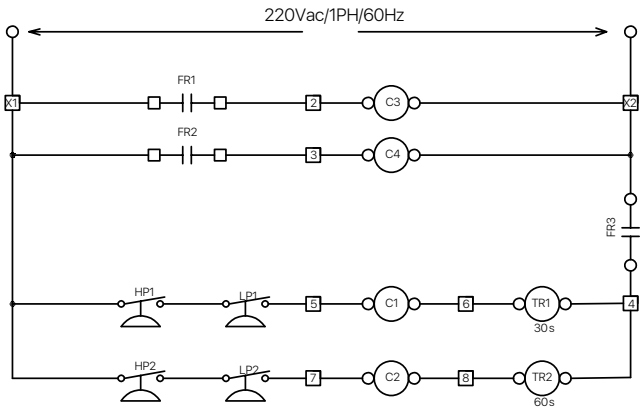
(POWER)



(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 beems, 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.

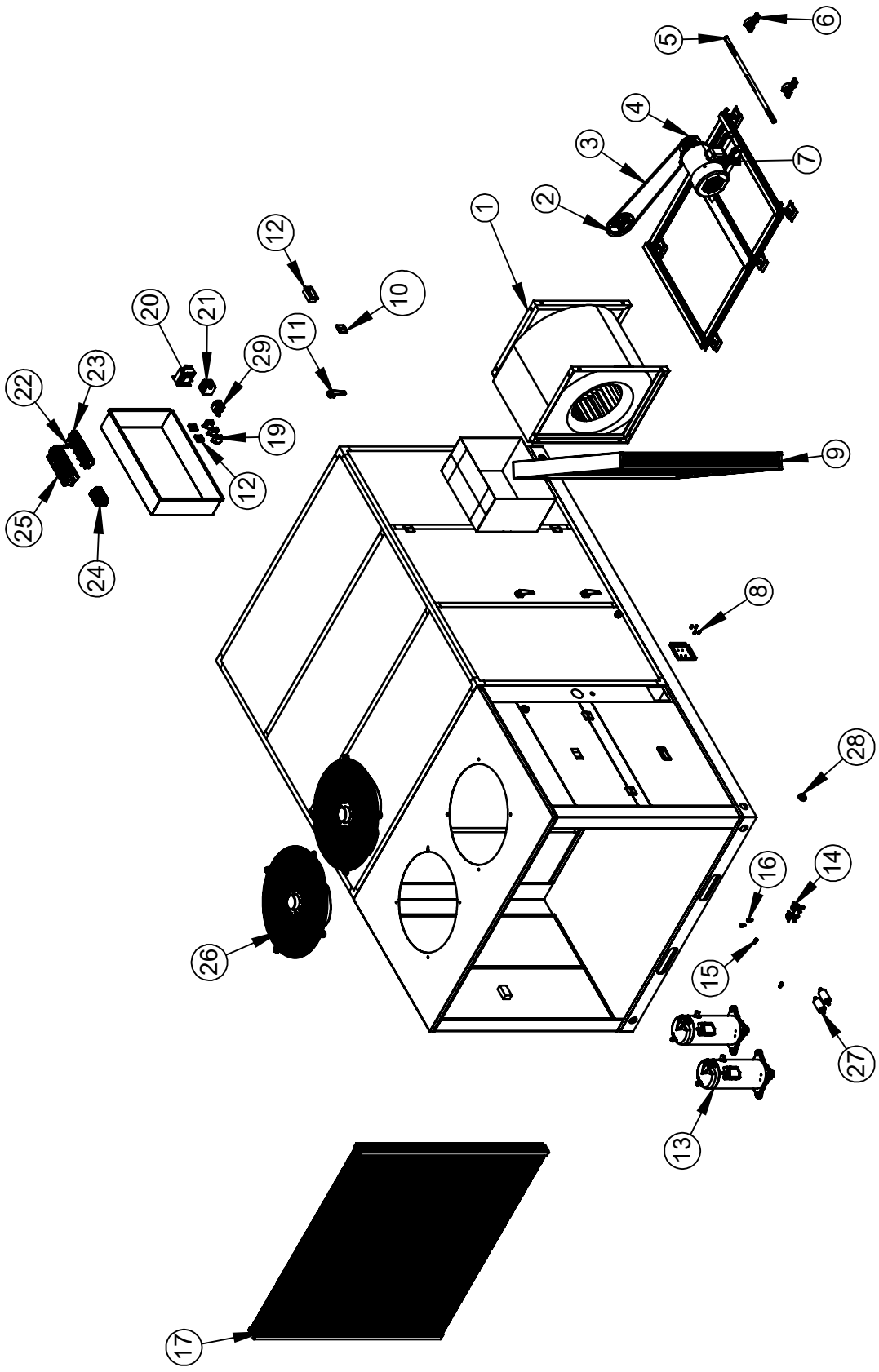
6. Periodically inspect work pressures in the system (high and low pressure). They should not exceed their operation rank in normal use conditions.

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 - GXPK180DG4AB

REF.	PART NAME	QTY.	PART NUMBER
1	18" X 18" X 1-1/4" CENTRIFUGAL FAN	1	20010034
2	BK45H DRIVE BELT PULLEY TRANSMISSION	1	53035006
2.1	1-1/8" DRIVEN PULLEY BUSHING	1	53041003
3	BK115H DRIVE PULLEY POLEA 1 GROOVE	1	53031289
3.1	1-1/4" HQ DRIVE PULLEY BUSHING	1	53041005
4	B77 BELT	1	53040088
5	1-1/4" AISI 4140 STEEL SHAFT X 80CM	1	73222007
6	1-1/4" ECCENTRIC BUSHING PILLOW BLOCK BEARING	2	5320003
7	3HP THREE-PHASE MOTOR	1	10060003
8	1/4" ACCESS VALVE	4	16CO56002
8.1	1/4" ACCESS VALVE WITH NUT	4	16CO56001
9	15TR EVAPORATOR HEAT EXCHANGER	1	1EA1303-50044X
10	PROFILE AIRPACK HINGE	6	59040014
11	NYLON HANDLE	5	51110010
12	LARGE RECESSED HANDLE	2	59040001
13	7,5TR SCROLL COMPRESSOR	2	14021184
14	7,5TR R410A EXPANSION VALVE	2	31040006
15	R410 LOW PRESSURE SWITCH	2	31020017
16	R410A HIGH PRESSURE SWITCH	2	31020016
17	15TR CONDENSER HEAT EXCHANGER	1	1CA1703-58065X
18	TIMER	2	16010001
19	FAN RELAY	3	15010002
20	220V A 24V 75VA TRANSFORMER	1	15110013
21	POWER TERMINAL BLOCK	3	13110008
22	GROUND TERMINAL BLOCK	1	13110007
23	7-10 AMP THERMAL RELAY	1	13031073
23.1	22- 32 AMP THERMAL RELAY	2	13031085
23.2	1.8-2.8 AMP THERMAL RELAY	2	13031090
24	CONTROL TERMINAL BLOCK	14	13110010
25	18A-3P-220V CONTACTOR	1	13030052
25.1	9A-3P-220V CONTACTOR	2	13030056
25.2	32A-3P-220V CONTACTOR	2	13030058
26	AXIAL FAN WITH 630MM DIAMETER	2	10039020
27	1/2 FILTER DRYER	2	23010012

Parts List - GXPK180DG7AB

REF.	PART NAME	QTY.	PART NUMBER
1	18" X 18" X 1-1/4" CENTRIFUGAL FAN	1	20010034
2	BK45H DRIVE BELT PULLEY TRANSMISSION	1	53035006
2.1	1-1/8" DRIVEN PULLEY BUSHING	1	53041003
3	BK115H DRIVE PULLEY POLEA 1 GROOVE	1	53031289
3.1	1-1/4" HQ DRIVE PULLEY BUSHING	1	53041005
4	B77 BELT	1	53040088
5	1-1/4" AISI 4140 STEEL SHAFT X 80CM	1	73222007
6	1-1/4" ECCENTRIC BUSHING PILLOW BLOCK BEARING	2	5320003
7	3HP THREE-PHASE MOTOR	1	10060003
8	1/4" ACCESS VALVE	4	16CO56002
8.1	1/4" ACCESS VALVE WITH NUT	4	16CO56001
9	15TR EVAPORATOR HEAT EXCHANGER	1	1EA1303-50044X
10	PROFILE AIRPACK HINGE	6	59040014
11	NYLON HANDLE	5	51110010
12	LARGE RECESSED HANDLE	2	59040001
13	7,5TR SCROLL TYPE COMPRESSOR	2	14021184
14	7,5TR R410A EXPANSION VALVE	2	31040006
15	R410 LOW PRESSURE SWITCH	2	31020017
16	R410A HIGH PRESSURE SWITCH	2	31020016
17	15TR CONDENSER HEAT EXCHANGER	1	1CA1703-58065X
18	TIMER	2	16010001
19	FAN RELAY	3	15010002
20	440V A 220V 100VA TRANSFORMER	1	15110014
21	POWER TERMINAL BLOCK	3	13110008
22	GROUND TERMINAL BLOCK	1	13110007
23	4 - 6.3 AMP THERMAL RELAY	1	13031074
23.1	11 -17 AMP THERMAL RELAY	2	13031086
23.2	1.2 -1.8AMP THERMAL RELAY	2	13031089
24	CONTROL TERMINAL BLOCK	14	13110010
25	9A-3P-220V CONTACTOR	1	13030056
25.1	9A-3P-220V CONTACTOR	2	13030056
25.2	CONTACTOR 25A-3P-220V	2	13030054
26	AXIAL FAN WITH 630MM DIAMETER	2	10039020
27	1/2 FILTER DRYER	2	23010012
28	440V A 24V 75VA TRANSFORMER	1	15110013

Notes

Notes

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