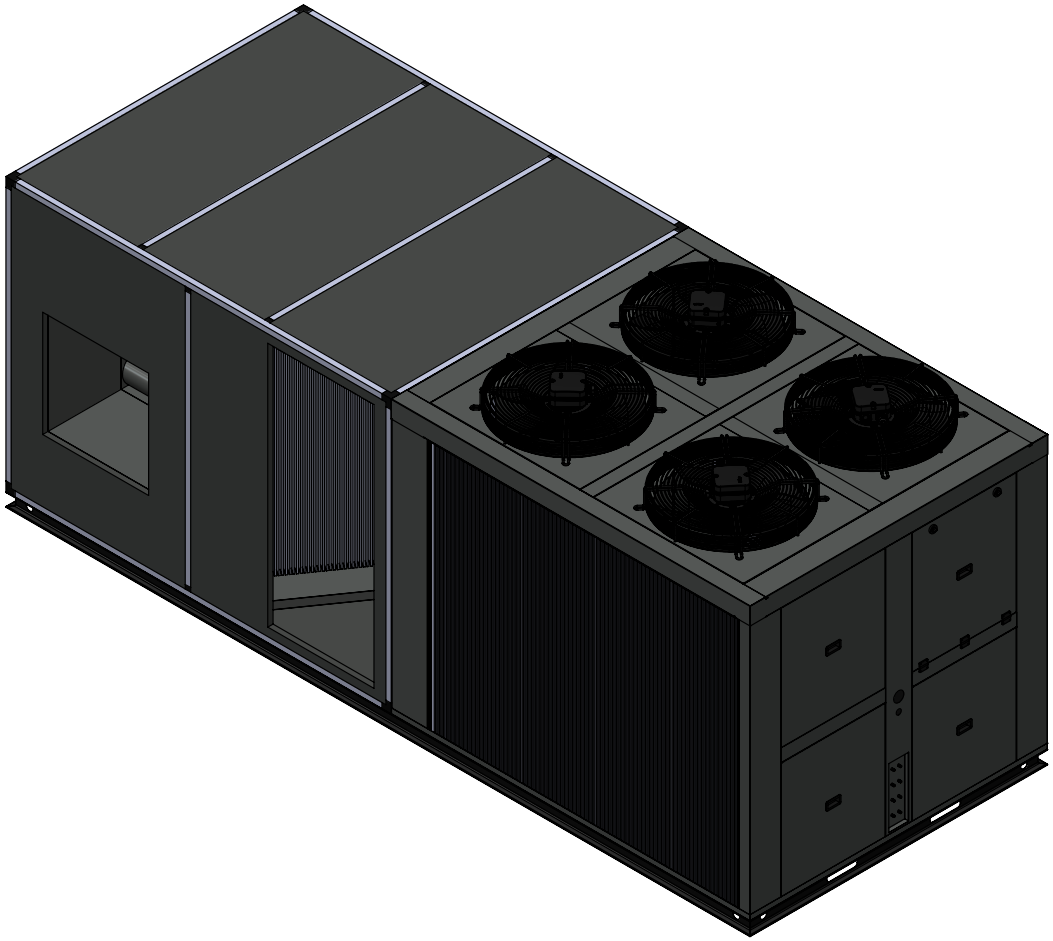
Goodman®

Commercial Manual

COSTERA Series

Air Cooled Horizontal Package Unit

50 TON



- Manufactured in large galvanized steel sheet.
- 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.
- Serpentin evaporator and condenser made of copper tubes and aluminum fins.
- Easy-access panel to compressors.
- Certified electric motor (PSC motor).
- Compact unit of four 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.

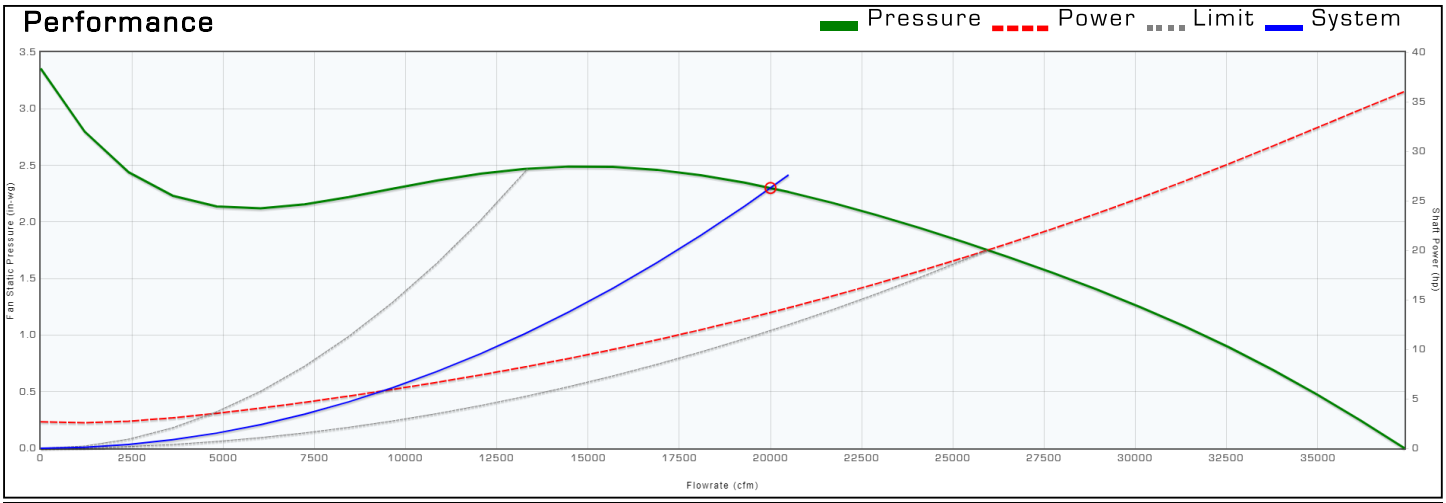
Technical Specifications

	GXPK600DG4AB	GXPK600DG7AB
GENERAL DATA		
Cooling Capacity (BTU/h)	600,000	600,000
Cooling Tons	50	50
Efficiency[1] EER	11.8	11.8
EVAPORATOR FAN		
Transmission	Pulley	Pulley
Number of Fans	1	1
Rated Air Flow[1] (CFM)	20000	20000
Blower (DxW)	25 x 25	25 x 25
Number of Motors	1	1
Current (A)	38.6	19.0
Power (HP)	15	15
RPM	1800	1800
EVAPORATOR COIL		
Type (Tube / Fin)	Copper / Aluminum	Copper / Aluminum
Rows	4	4
Fins Per Inch	14	14
CONDENSER FAN		
Number of Fans	4	4
Type	Axial	Axial
Number of Motors	4	4
Current (A)	6.4	3.7
Power (HP)	1918	2143
RPM	1057	1055
Fan Diameter (mm)	800	800
CONDENSER COIL		
Type (Tube / Fin)	Copper / Aluminum	Copper / Aluminum
Rows	4	4
Fins Per Inch	13	13
COMPRESSOR		
Refrigerant	R410a	R410a
Quantity	4	4
Type	Scroll	Scroll
RLA[2]	53,6 / 48,6	20,7 / 18,6
LRA[3]	245.0	125.0
ELECTRICAL DATA		
V / Ph / Hz	(208-230 / 3 / 60)	(460 / 3 / 60)
Operating Current[1] (A)	279.0	117.0
Unit Total Amperage[1] (A)	279.0	117.0
Minimum Circuit Ampacity (A)	292.0	122.0
Max. Overload Protection (A)	346.0	143.0
NET WEIGHT (kg)	2060	2060
GROSS WEIGHT (kg)	2075	2075

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 A25-25H	Flow 20000 cfm	Pressure 2.30 in-wg	Temperature 70 °F	Altitude 100 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 20000 cfm	Pressure 2.30 in-wg	Power 13.71 hp	Static Efficiency 52.9 %	Total Efficiency 65.6 %	Speed 605 rpm	Outlet Velocity 2981 fpm	Efficiency Rating FEG75
	Impeller Dia 25.0 in	Outlet Area 6.71 ft^2	Max. Speed 790 rpm	AMCA Class 9	Drive Belt Drive	Blades 37	P Volume 46.93 ft^3	TurnDown 100 %



Sound(Lwi/Lwo)	63	125	250	500	1000	2000	4000	8000	Lw	LwA
	91/91	91/93	90/92	92/94	90/90	88/88	86/84	81/78	99/99	95/96

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.

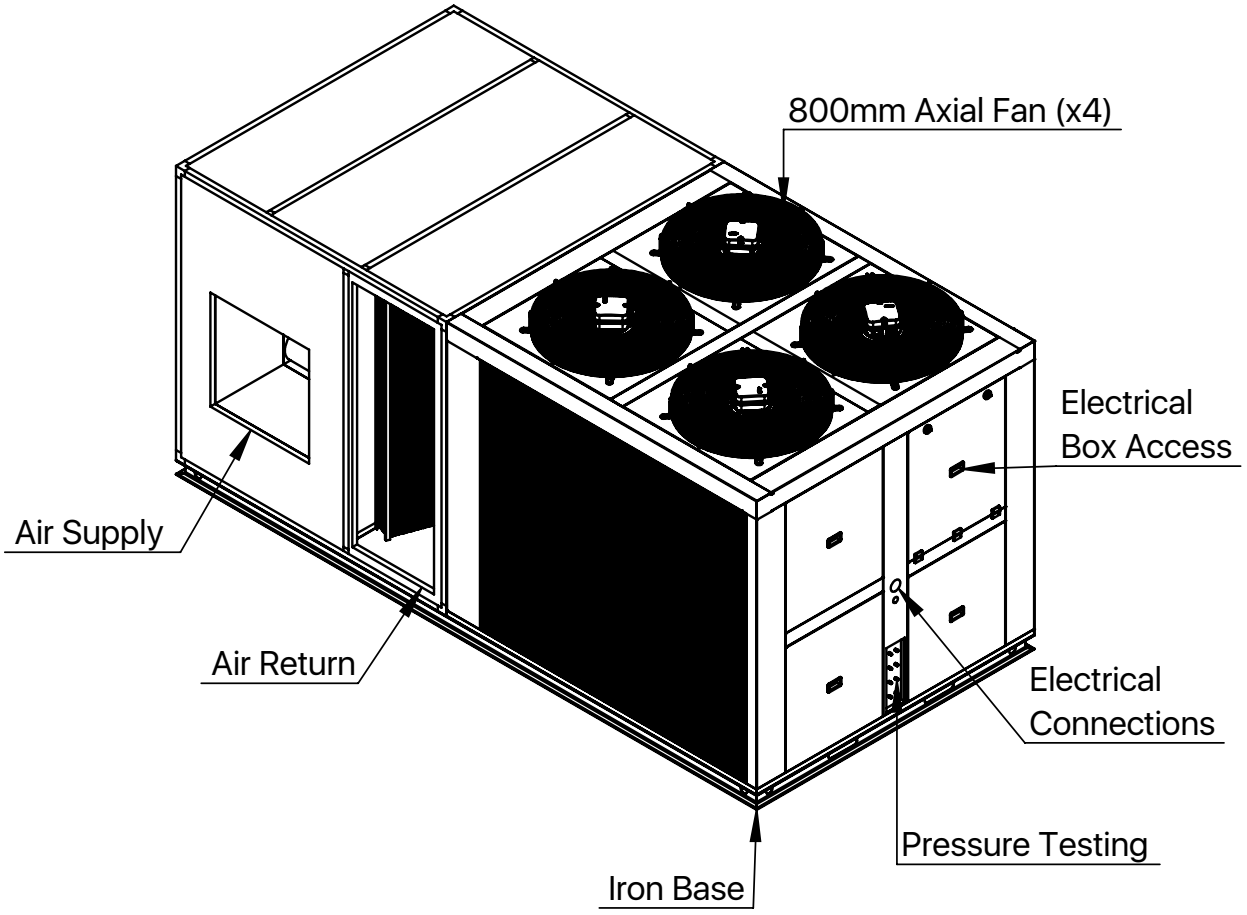
System Performance Data

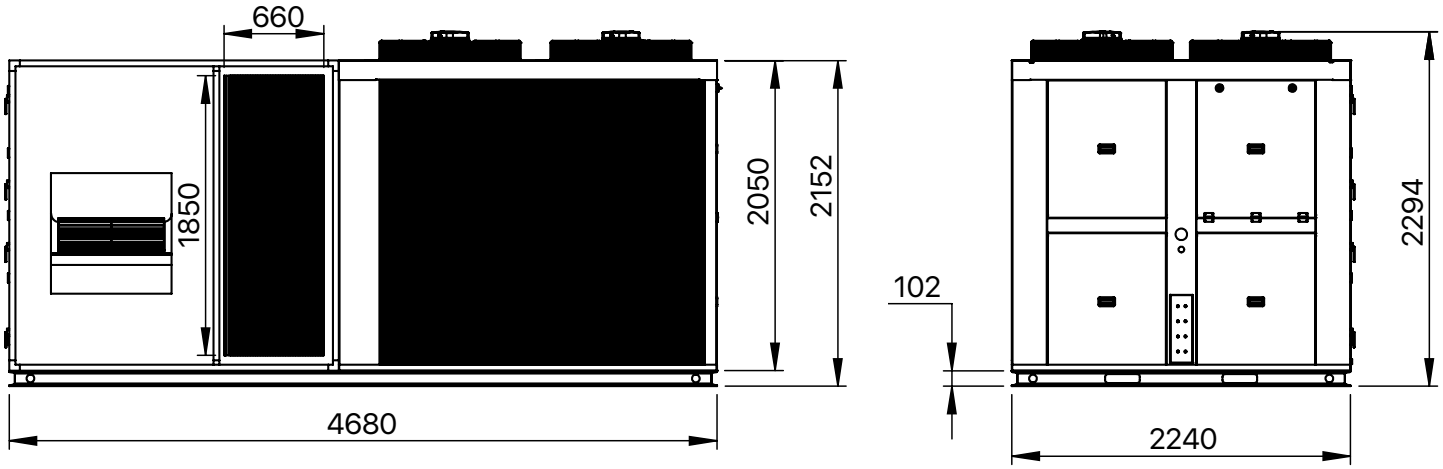
Airflow (CFM)	Ent DB (°F)	Ambient Temperature (°F)																											
		85									95									105									
		Wet Bulb Inlet (°F)																											
		61			67			73			61			67			73			61			67			73		
		MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)	MBh	SHC	PI(KW)
16000	75	348	315	28	558	302	45	793	282	63	327	296	30	525	284	48	737	262	67	307	278	31	493	267	49	686	244	69
	80	386	386	31	558	371	45	793	348	63	363	363	33	525	349	48	737	324	67	341	341	34	493	328	49	686	301	69
	85	450	450	36	563	439	45	801	417	64	423	423	38	529	413	48	745	388	68	398	398	40	497	388	50	693	361	69
	90	514	514	41	572	511	46	793	480	63	483	483	44	538	480	49	737	446	67	454	454	45	505	452	51	686	415	69
18000	75	346	345	28	606	329	48	869	309	70	325	324	30	570	309	52	808	287	73	306	305	31	535	291	54	752	267	75
	80	424	424	34	605	405	48	862	379	69	399	399	36	569	381	52	802	352	73	375	375	37	535	358	53	746	328	75
	85	493	493	39	611	481	49	862	453	69	463	463	42	574	452	52	802	421	73	436	436	44	540	425	54	746	392	75
	90	564	564	45	623	562	50	862	526	69	530	530	48	586	528	53	802	489	73	498	498	50	550	497	55	746	455	75
20000	75	405	375	32	651	355	52	929	328	74	381	353	35	612	334	56	864	305	79	358	331	36	575	314	58	803	284	80
	80	400	459	32	638	438	51	928	409	74	376	431	34	600	412	55	863	380	78	353	406	35	564	387	56	803	354	80
	85	459	536	37	655	524	52	928	490	74	431	504	39	616	493	56	863	456	78	406	474	41	579	463	58	803	424	80
	90	612	612	49	673	613	54	928	570	74	575	575	52	633	576	58	863	530	78	541	541	54	595	542	59	803	493	80
22000	75	432	404	35	694	381	56	991	350	79	406	380	37	652	358	59	922	326	84	382	357	38	613	337	61	857	303	86
	80	493	493	39	693	471	55	999	441	80	463	463	42	651	443	59	929	410	84	436	436	44	612	416	61	864	381	86
	85	575	575	46	694	561	56	991	525	79	541	541	49	652	527	59	922	488	84	508	508	51	613	496	61	857	454	86
	90	658	658	53	718	660	57	991	613	79	619	619	56	675	620	61	922	570	84	581	581	58	634	583	63	857	530	86
24000	75	459	432	37	734	405	59	1050	369	84	431	406	39	690	381	63	977	343	89	406	382	41	649	358	65	908	319	91
	80	526	526	42	734	502	59	1049	464	84	494	494	45	690	472	63	976	432	89	465	465	46	649	444	65	907	401	91
	85	613	613	49	734	598	59	1050	559	84	576	576	52	690	562	63	977	520	89	542	542	54	649	528	65	908	483	91
	90	703	703	59	763	707	61	1050	653	84	661	661	60	717	665	65	977	607	89	621	621	62	674	625	67	908	565	91

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)
16000	75	289	262	32	463	251	51	638	339	71	272	251	34	436	238	54	593	329	74	255	241	36	410	226	59	552	319	79
	80	321	321	36	463	308	51	638	418	71	301	308	38	436	293	54	593	405	74	283	295	40	410	278	59	552	393	79
	85	374	374	42	468	365	52	644	501	72	351	359	44	440	346	55	599	486	75	330	344	47	413	329	59	557	471	80
	90	427	427	47	475	424	53	638	577	71	401	410	50	447	403	56	593	560	74	377	393	54	420	383	60	552	543	79
18000	75	287	287	32	503	273	56	699	371	78	270	275	34	473	260	59	650	360	81	254	264	36	445	247	64	605	349	86
	80	352	352	39	503	336	56	693	455	77	331	338	41	472	320	59	645	441	81	311	325	44	444	304	63	600	428	86
	85	409	409	45	507	400	56	693	544	77	385	393	48	477	380	60	645	528	81	362	377	52	448	361	64	600	512	86
	90	468	468	52	517	467	57	693	632	77	440	450	55	486	443	61	645	613	81	414	432	59	457	421	65	600	595	86
20000	75	336	311	37	541	295	60	747	394	83	316	299	40	508	280	64	695	382	87	297	287	42	478	266	68	646	371	92
	80	332	381	37	530	364	59	746	491	83	312	366	39	498	346	62	694	476	87	294	351	42	468	328	67	646	462	92
	85	381	445	42	544	435	60	746	588	83	358	427	45	511	413	64	694	570	87	337	410	48	481	393	69	646	553	92
	90	508	508	56	559	509	62	746	685	83	478	488	60	525	484	66	694	664	87	449	468	64	494	460	71	646	645	92
22000	75	359	336	40	576	316	64	797	420	89	337	322	42	542	301	68	741	407	93	317	309	45	509	286	73	689	395	98
	80	409	409	45	576	391	64	804	529	89	385	393	48	541	372	68	747	513	93	362	377	52	509	353	73	695	498	99
	85	478	478	53	576	466	64	797	630	89	449	458	56	542	443	68	741	611	93	422	440	60	509	421	73	689	593	98
	90	547	547	61	596	548	66	797	735	89	514	525	64	561	521	70	741	713	93	483	504	69	527	495	75	689	692	98
24000	75	381	359	42	610	336	68	845	444	94	358	344	45	573	320	72	785	431	98	337	331	48	539	304	77	730	418	104
	80	437	437	49	610	417	68	844	557	94	411	419	51	573	396	72	785	540	98	386	403	55	539	376	77	730	524	104
	85	509	509	57	610	497	68	845	671	94	479	489	60	573	472	72	785	651	98	450	469	64	539	448	77	730	631	104
	90	584	584	65	634	587	70	845	784	94	549	561	69	596	558	74	785	760	98	516	538	74	560	530	80	730	738	104

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

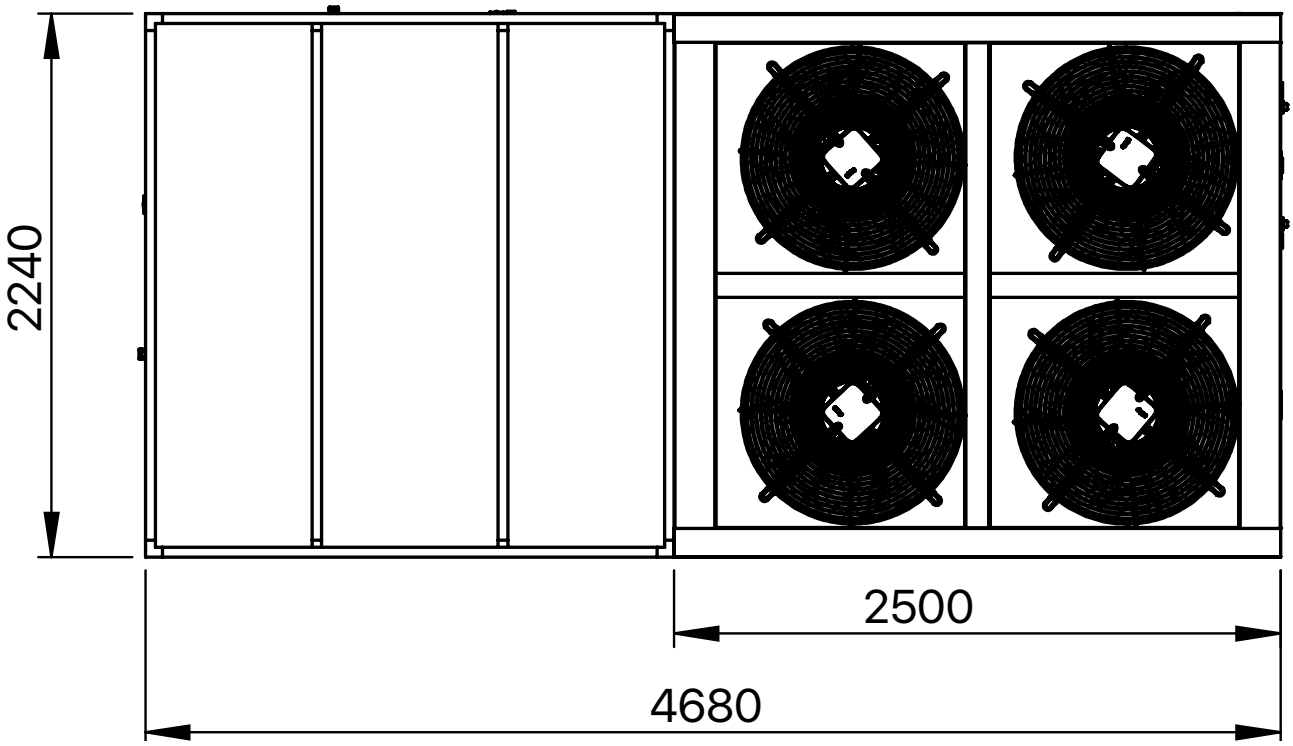


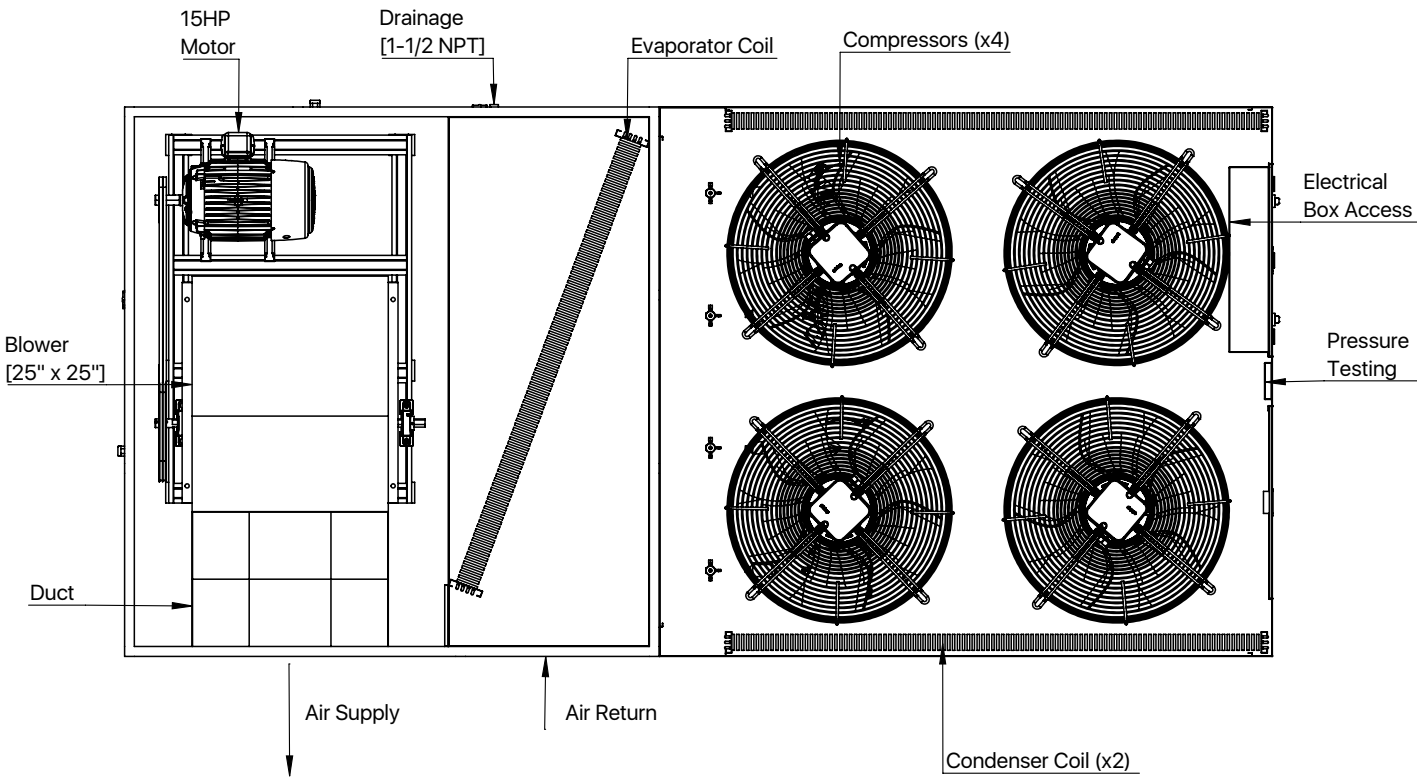


Note: All measurements are in millimeters (mm).

Unit Dimensions

TOP VIEW

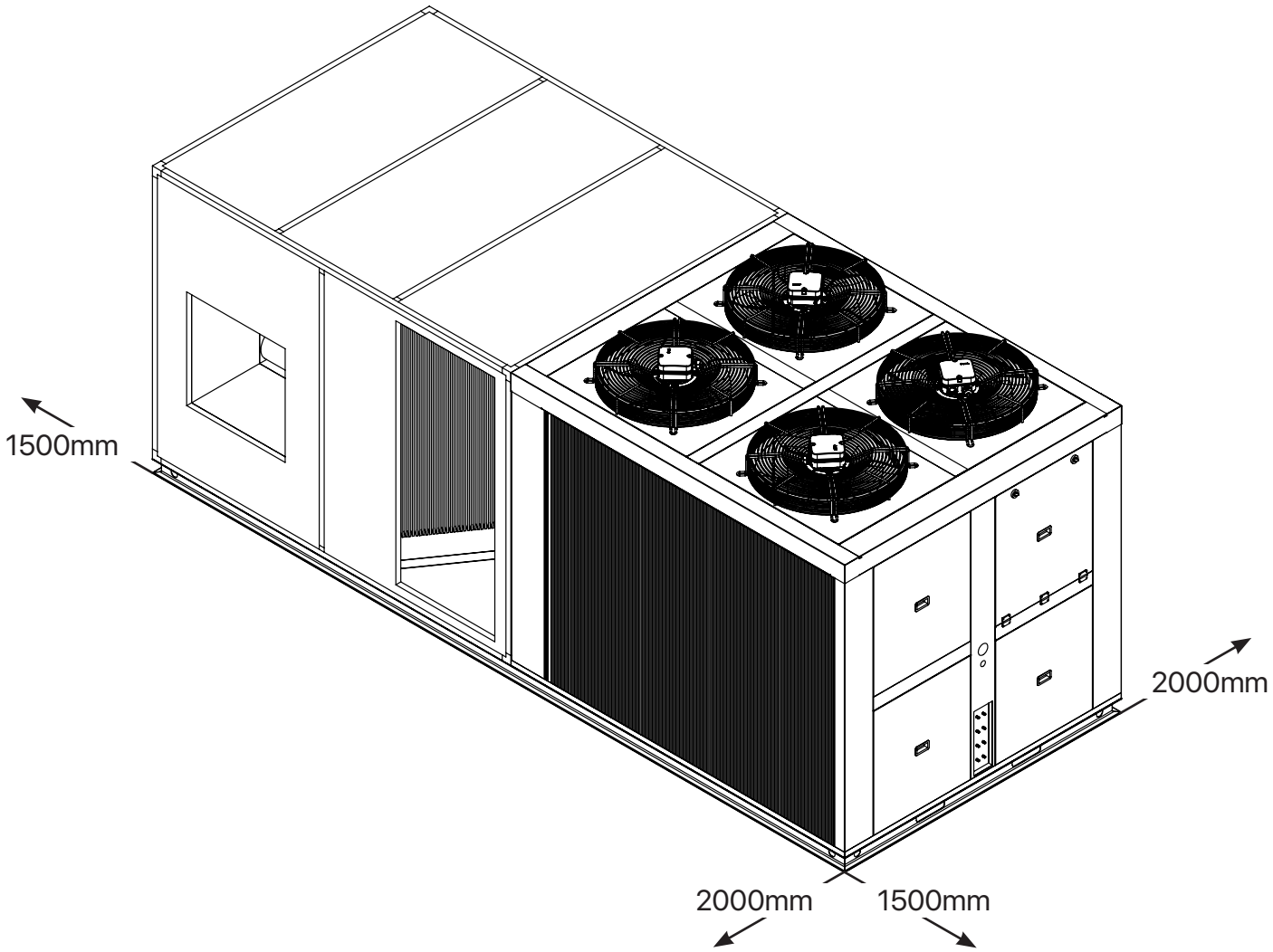




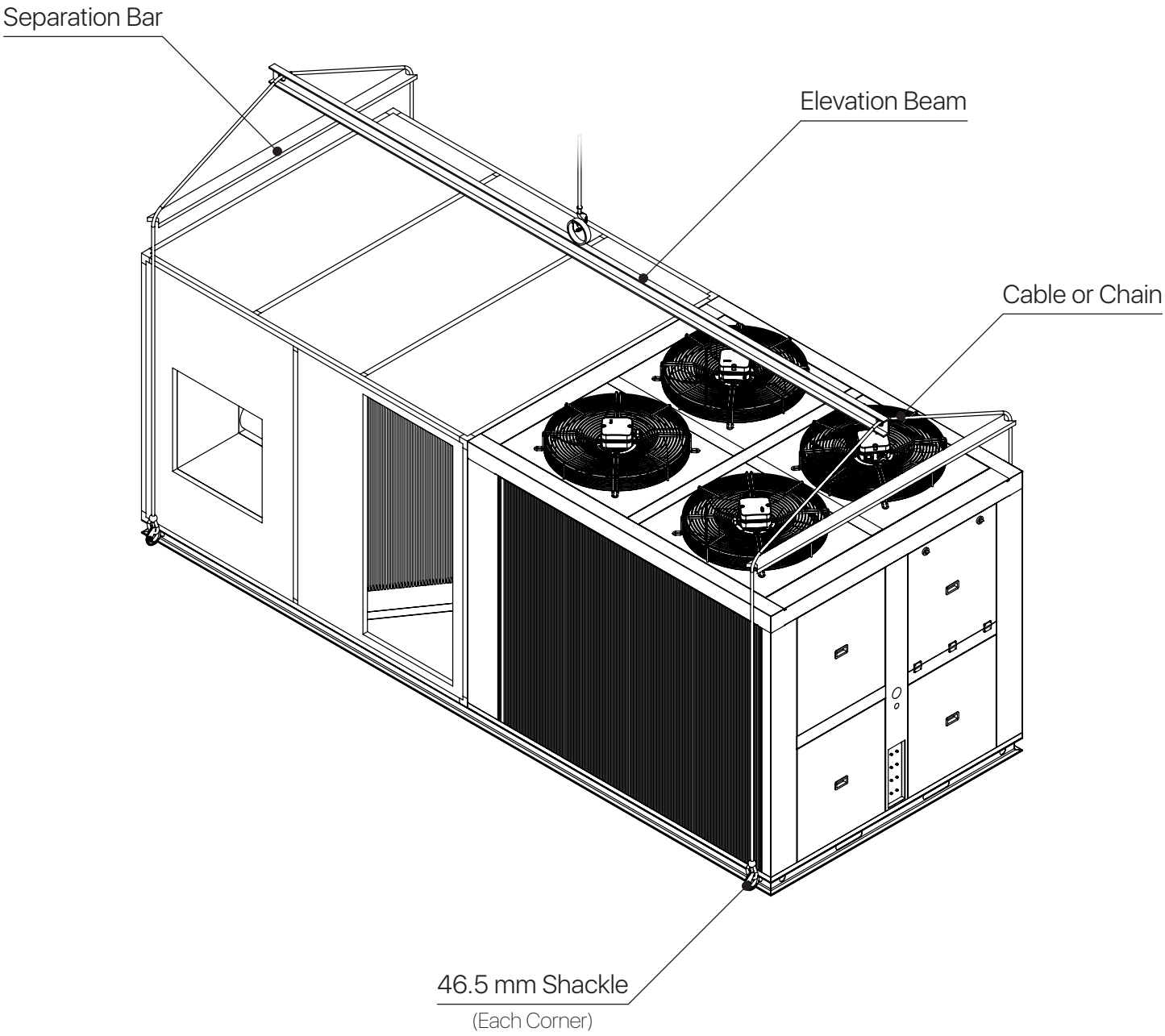
Note: All measurements are in millimeters (mm).

Safety Distance

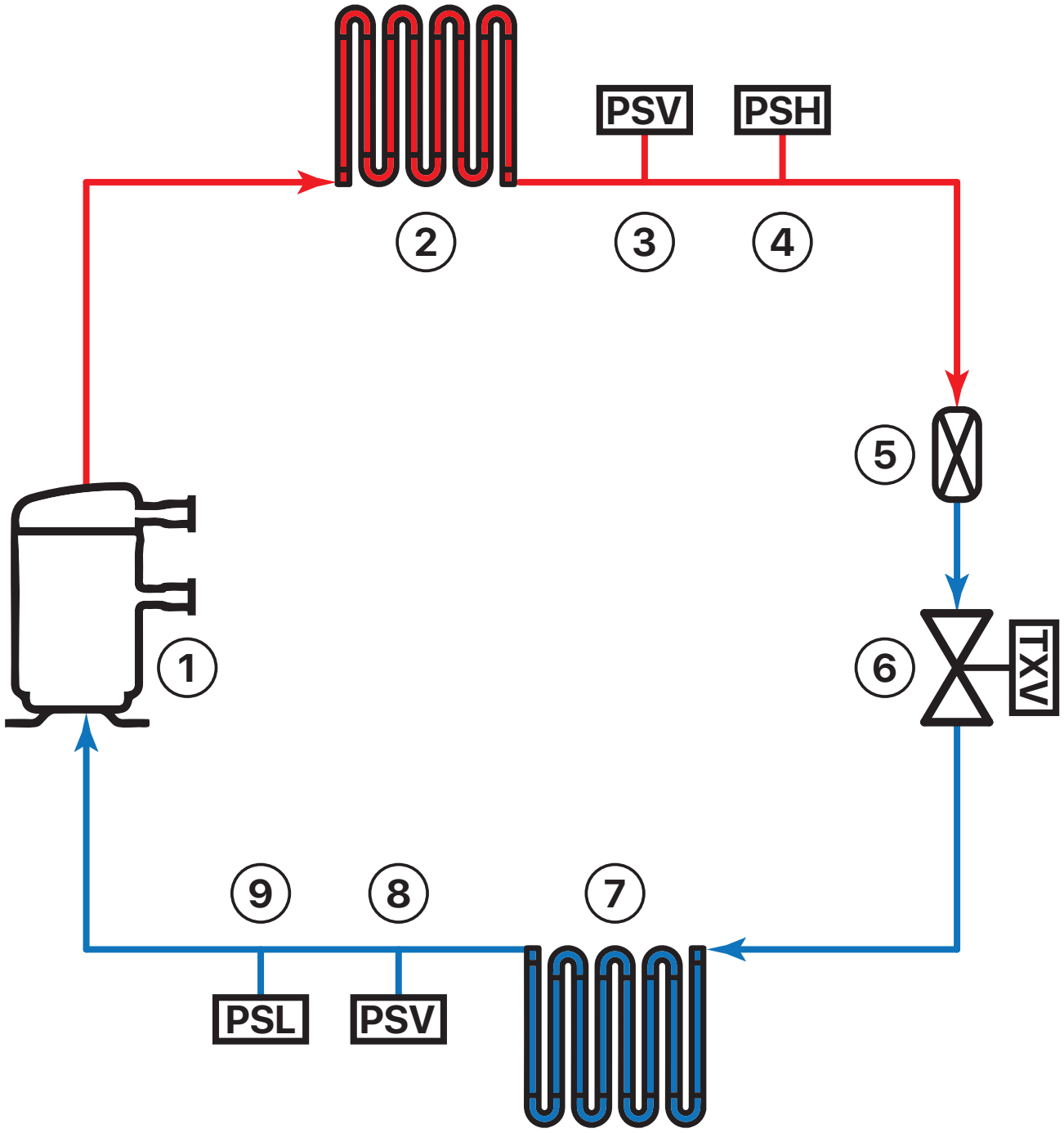
The following minimum free spaces must be observed for the proper performance and capacity of the unit.



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

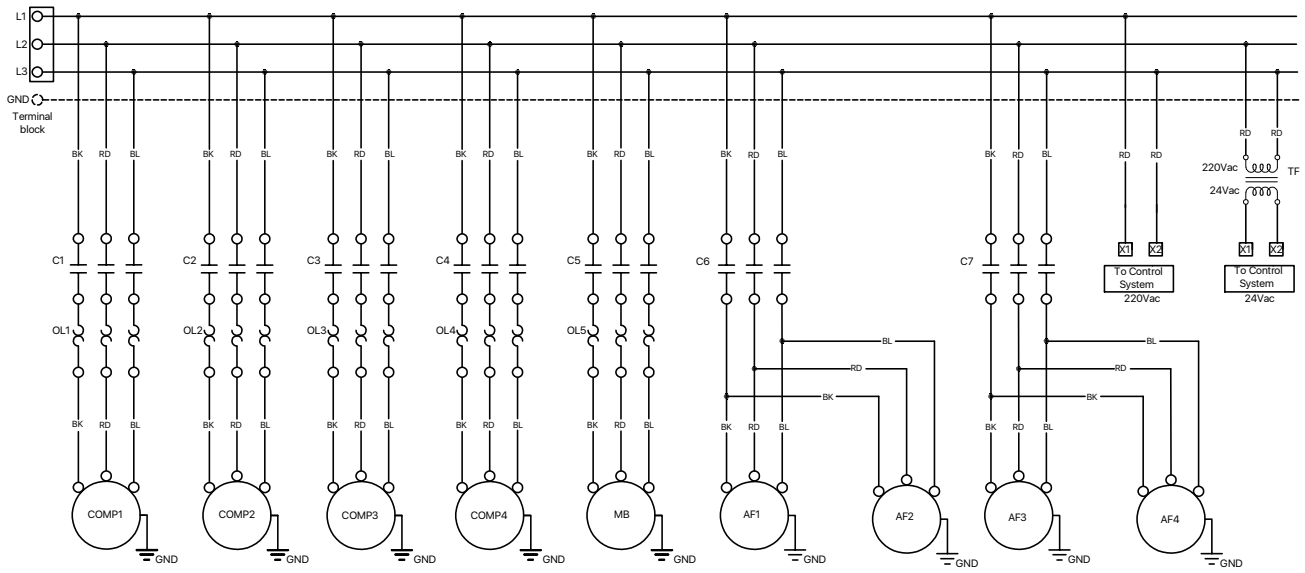
REF.	DESCRIPTION
6	EXPANSION VALVE (TXV)
7	EVAPORATOR COIL AND BLOWER FAN
8	ACCESS VALVE FOR PRELOAD AND CONTROL
9	LOW PRESSURE SWITCH

Electric Diagram

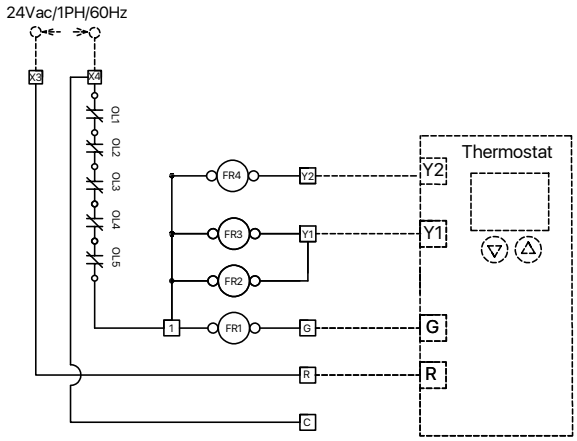
While performing the electrical installation, the authorized technician must verify that they are complying with the electrical circuit of the equipment shown below:

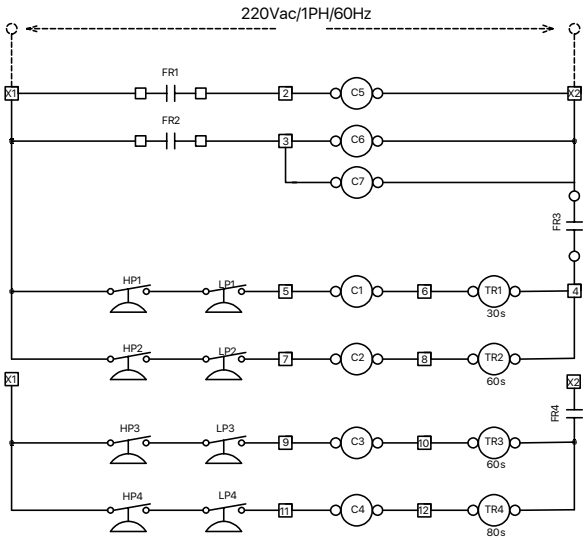
208-230V / 3PH / 60Hz

(POWER)



(CONTROL)





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:

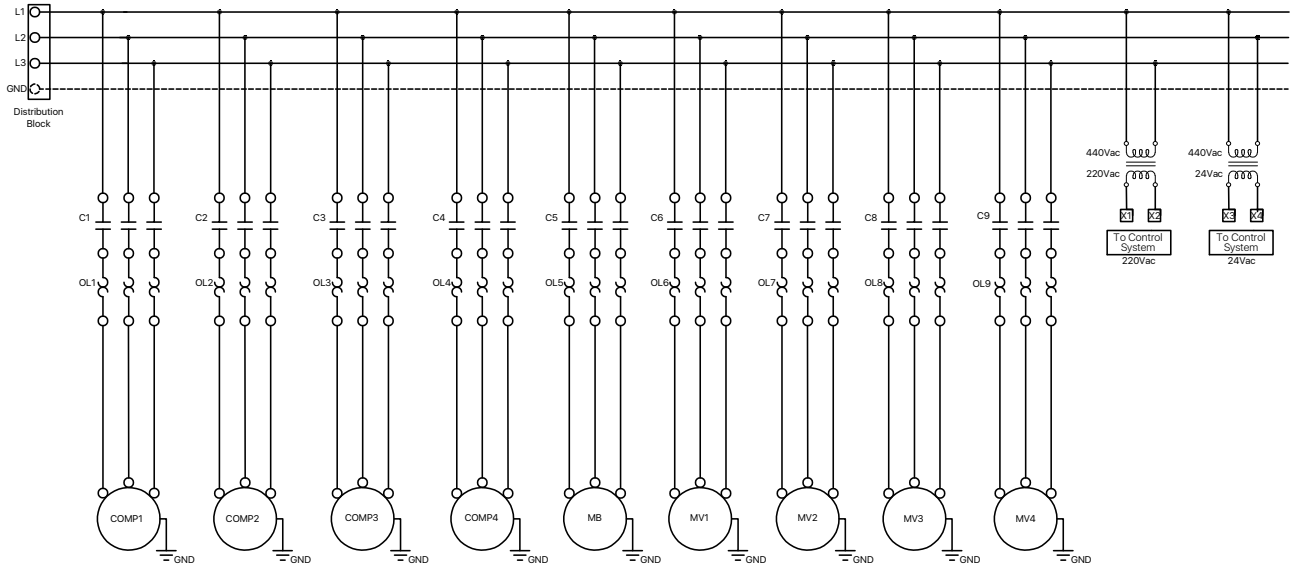
COMP:	Compressor
MB:	Blower Motor
MV:	Condenser Motor
L:	AC Supply Lines
FR:	Auxiliary Relay
G:	Fan Signal
Y1:	Condenser Signal Stage 1
Y2:	Condenser Signal Stage 2
R:	Common 24Vac Lines
C:	Auxiliary 24Vac Lines
HP:	High Pressure Switch
LP:	Low Pressure Switch
TR:	Timer
C1-C9:	Contactor
OL:	Thermal Relay
GND:	Ground
———	Factory Wiring
– – –	Field Wiring

Electric Diagram

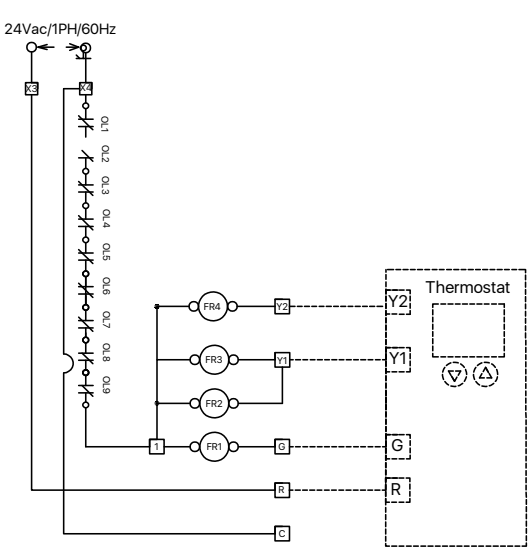
While performing the electrical installation, the authorized technician must verify that they are complying with the electrical circuit of the equipment shown below:

460V / 3PH / 60Hz

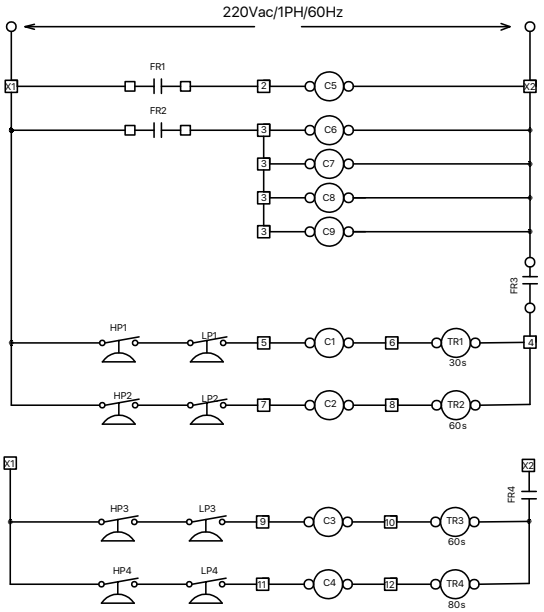
(POWER)



(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
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Y1:	Condenser Signal Stage 1
Y2:	Condenser Signal Stage 2
R:	Common 24Vac Lines
C:	Auxiliary 24Vac Lines
HP:	High Pressure Switch
LP:	Low Pressure Switch
TR:	Timer
C1-C9:	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.

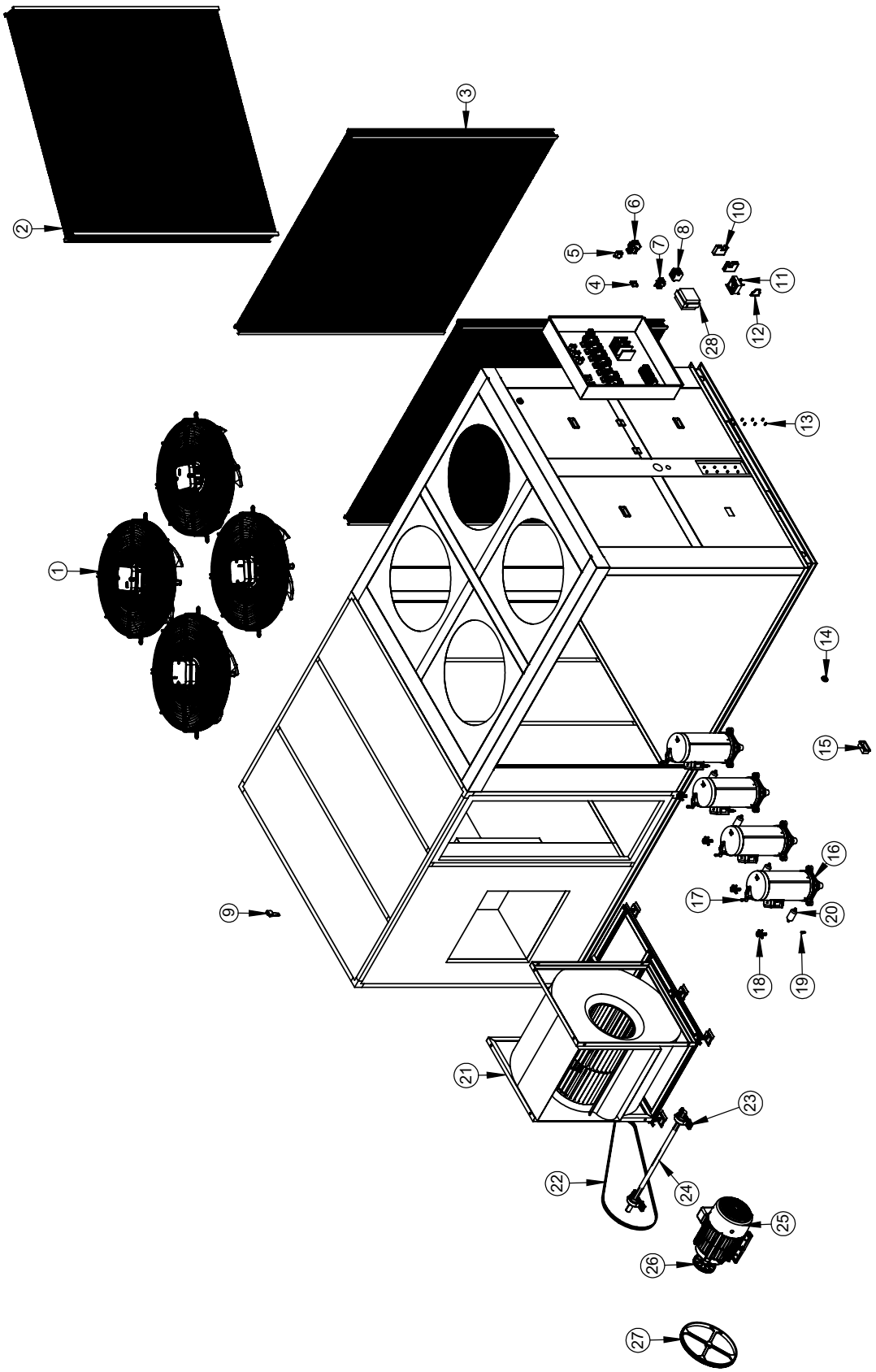
6. Periodically inspect work pressures in the system (high and low pressure). They should not exceed their operation rank in normal use conditions.

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 - GXPK600DG4AB

REF.	PART NAME	QTY.	PART NUMBER
1	AXIAL FAN WITH 800MM DIAMETER	4	10039012
2	50TR EVAPORATOR HEAT EXCHANGER	1	1EA1404-78076X
3	25TR RIGHT CONDENSER HEAT EXCHANGER	1	1CA1304-78085C
3.1	25TR LEFT CONDENSER HEAT EXCHANGER	1	1CA1304-78085B
4	TIMER	4	16010001
5	8-PIN 24VAC RELAY	4	12010017
5.1	RELAY BASE	4	12010009
6	9A-3P-220V CONTACTOR	4	13030056
6.1	50A-3P-220V CONTACTOR	1	13030051
6.2	65A-3P-220V CONTACTOR	4	13030059-1
7	2.8-4 AMP BIMETALLIC	4	13031072
7.1	25-40 AMP BIMETALLIC	4	13031067
7.2	BIMETALICO 40 - 57 AMP	4	13031095
8	40-57 AMP BIMETALLIC	3	13110008
9	NYLON HANDLE	8	51110010
10	DISTRIBUTION BLOCK	4	13110015
11	220V TO 24V 75VA TRANSFORMER	1	15110013
12	CONTROL TERMINAL	40	13110010
13	1/4" X 0.032" X 2" ACCESS VALVE	8	16CO56002
13.1	3.1. 1/4" X 0.032" X 2" ACCESS VALVE WITH NUT	8	16CO56001
14	1/4" METAL CLOSURE	2	59040003
15	LARGE RECESSED HANDLE	2	59040001
16	12.16TR SCROLL TYPE COPELAND COMPRESSOR	4	14021315-1
17	R410 HIGH PRESSURE SWITCH 610-420	4	31020016
18	15TR, 10TR R410 EXPANSION VALVE	4	"31040045
19	R410 LOW PRESSURE SWITCH 55-95	4	31020017
20	5/8" DRYER FILTER	4	23010009
21	25" X 25" X 1-1/2" CHINESE HOUSING CENTRIFUGAL FAN	1	20010061
22	DRIVE BELT PULLEY TRANSMISSION	2	53040092
23	1-1/2" PILLOW BLOCK	2	53020017
24	1-1/2" AISI 4140 STEEL SHAFT X 110CM	1	73210089
25	15HP THREE-PHASE MOTOR	1	10060010
26	QD 2B68 SDS MASTERDRIVE DRIVE PULLEY	1	53036015
26.1	SDSX 1 5/8 MASTERDRIVE DRIVE PULLEY BUSHING	1	53032006
27	QD 2BK184 SK DRIVEN PULLEY	1	53031214
27.1	SK X 1 1/2" DRIVEN PULLEY BUSHING	1	53032012

Parts List - GXPK600DG7AB

REF.	PART NAME	QTY.	PART NUMBER
1	AXIAL FAN WITH 800MM DIAMETER	4	10039012
2	50TR EVAPORATOR HEAT EXCHANGER	1	1EA1404-78076X
3	25TR RIGHT CONDENSER HEAT EXCHANGER	1	1CA1304-78085C
3.1	25TR LEFT CONDENSER HEAT EXCHANGER	1	1CA1304-78085B
4	TIMER	4	16010001
5	8-PIN 24VAC RELAY	4	12010017
5.1	RELAY BASE	4	12010009
6	9A-3P-220V CONTACTOR	4	13030056
6.1	38A-3P-220V CONTACTOR	5	13030059-1
7	2.8-4 AMP BIMETALLIC	4	13031072
7.1	15-23 AMP BIMETALLIC	5	13031071
8	POWER TERMINAL	3	13110008
9	NYLON HANDLE	8	51110010
10	DISTRIBUTION BLOCK	4	13110015
11	220V TO 24V 75VA TRANSFORMER	1	15110013
12	CONTROL TERMINAL	40	13110010
13	1/4" X 0.032" X 2" ACCESS VALVE	8	16CO56002
13.1	3.1. 1/4" X 0.032" X 2" ACCESS VALVE WITH NUT	8	16CO56001
14	1/4" METAL CLOSURE	2	59040003
15	LARGE RECESSED HANDLE	2	59040001
16	12.16TR SCROLL TYPE COPELAND COMPRESSOR	4	14021315-1
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19	R410 LOW PRESSURE SWITCH 55-95	4	31020017
20	5/8" DRYER FILTER	4	23010009
21	25" X 25" X 1-1/2" CHINESE HOUSING CENTRIFUGAL FAN	1	20010061
22	DRIVE BELT PULLEY TRANSMISSION	2	53040092
23	1-1/2" PILLOW BLOCK	2	53020017
24	1-1/2" AISI 4140 STEEL SHAFT X 110CM	1	73210089
25	15HP THREE-PHASE MOTOR	1	10060010
26	QD 2B68 SDS MASTERDRIVE DRIVE PULLEY	1	53036015
26.1	SDSX 1 5/8 MASTERDRIVE DRIVE PULLEY BUSHING	1	53032006
27	QD 2BK184 SK DRIVEN PULLEY	1	53031214
27.1	SK X 1 1/2" DRIVEN PULLEY BUSHING	1	53032012
28	440V TO 220V 100VA TRANSFORMER	1	15110014

Notes

Notes

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