

Effective: September 2015  
Supercedes: HY25-1890-M1/US June 2015



# Parker Non-Cycling Refrigerated Dryer Models PNC200 - PNC1200

User Guide Rev. E



ENGINEERING YOUR SUCCESS.

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## 1. Transport / Inspection

Before unpacking/uncrating your new dryer, inspect the carton/crate for damage. Note any damage on the freight bill. File notice of concealed damage if:

- (a) there are any dents in the cabinets
- (b) there is any sign of oil on the skid or floor
- (c) the refrigerant gauge shows NO pressure  
(Upper right side – look for hole in packing)

File these claims with the carrier immediately!

Otherwise, proceed with unpacking/uncrating the unit.

### 1.1 Environmental & Location Considerations

Following these guidelines will help insure that your new dryer will provide safe and reliable service.

- Unless supplied for special conditions, air cooled dryers must be located in an area with an ambient temperature between 41 - 100°F (5-38°C) and free from explosive and corrosive fumes. Three (3) feet (92cm) of space must be allowed between all open grills.

**CAUTION**



If the dryer is installed in a confined area, an exhaust system must be provided to eliminate re-circulation of hot atmospheric air.

- With air cooled dryers, high ambient temperatures affect the outlet dewpoint of the dryer. The unit must not operate in an ambient of over 115°F (46°C). If ambient temperature conditions are over 100°F (38°C), dryer capacity will be reduced. To get dryer capacity at elevated ambient temperature use the correction factors.
- Unit must be installed indoors.

## 2. Dryer Installation

- NEVER work on unit under pressure
- NEVER work on unit when power is connected
- DO NOT over-pressurize unit.
- DO NOT pass air through the unit until it has been stabilized (operating about 5 minutes)

**CAUTION**



### 2.1 Plumbing the Air Lines

The dryers are shipped ready to run.

- Air piping must be supported independently of the dryer.
- A properly sized Parker pre-filter is recommended ahead of the dryer to maintain optimal performance and warranty validation. It should be installed as close to the dryer as possible. Any piping between the pre-filter and inlet of the dryer must be stainless steel, copper, galvanized, aluminum or other non-corroding material. A union between the pre-filter and the dryer is recommended for ease of assembly and change-out of filter element. Please refer to section 10.1 for proper pre-filter selection.
- Direction of the air flow must be observed for proper installation.
- Install a bypass line and gate valves to permit isolation of the dryer from the air system. This is done to provide easy service and/or removal of the dryer without interruption of air to the system.
- Make the connection to the draining system, avoiding connection in a closed circuit shared by other pressurized discharge lines. Check the correct flow of condensate discharges. Dispose of all condensate in conformity with current local environment regulations.
- Set drain time intervals to ensure complete condensate removal from dryer.

## 2.2 Electrical Connections

**SHOCK HAZARD**



To be performed by a qualified person only. Risk of serious injury or death. Observe Lock out/Tag Out Procedure: Disconnect, lock out and tag all power at source prior to attempting repairs or adjustments to rotating machinery and prior to handling any ungrounded conductors.

Provide breach and short circuit protection as well as disconnect means per local and national codes.

**ATTENTION**



Before connecting electrical power to the dryer check for correct voltage at the connection box. Panel Removal: To remove front or side panels, remove screws and lift panel up, then pull out the bottom.

All units must be externally grounded to protect against severe electrical shock.

1. Remove electric box cover from inside unit.
2. Locate the wires.
3. Locate hole on side of box, place and tighten connector, run wires through connector.
4. Make sure no bare wire is exposed; replace box cover and screw closed.
5. Line input wiring connections are made to line side on compressor contactor
6. Should the compressor not start, see start up procedure.

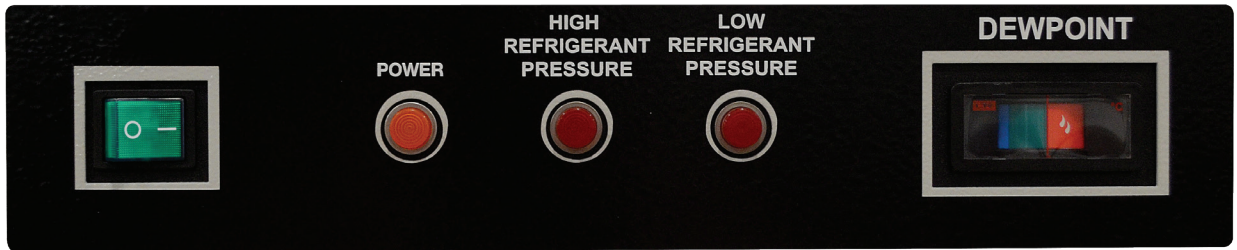
**CAUTION**



Wire the dryer separately from the air compressor. The dryer must not cycle with the air compressor.

Crankcase heaters are pre-wired from the factory to the line side of the compressor contactor. When power is applied to the dryer, the heater will energize. Heater must be energized for 8 hours prior to start-up and after prolonged shut down. The power must be left on at all times except when servicing.

3. Controls - Standard on all models



- Dryer ON/OFF Switch
- Dryer POWER Light
- HIGH REFRIGERANT PRESSURE ALARM
- LOW REFRIGERANT PRESSURE ALARM
- DEWPOINT TEMPERATURE INDICATOR
- Adjustable time drain module mounted directly on drain solenoid
- Refrigerant Suction Gauge



#### 4. Start Up Procedures

There should be NO air flow through the dryer before or during start-up. It is recommended that the dryer be installed with bypass piping to better service the unit. Inlet & outlet valves to the dryer should be closed with the by-pass valve open.

**IMPORTANT**

1. After electrical connection (Section 2), apply power.
2. Leave power on for 8 hours before attempting to start (POWER light on). This allows the crankcase heater time to warm the refrigerant compressor oil and dissipate any refrigerant migration that can occur during storage. Failure can result in damage to the compressor and will void the warranty.
3. Verify suction pressure gauge reads above 80 psi (5.5 bar). If it is less, the dryer may have a refrigerant leak. This may be the result of shipping damage – see section 1.0.

**IMPORTANT**

4. Switch unit on. ON/OFF indicator will light.
5. Do not pass air through the dryer until it stabilizes (Typically 5 minutes).
6. Once the dryer stabilizes, you can now introduce compressed air to the dryer. SLOWLY pressurize the dryer. Once completed slowly open the outlet valve, then close the bypass valve. The dryer is now on line.
7. Clean the condensate drain strainer after the first 8 hours of operation. (See section 5.0 Routine Maintenance)
8. Restart dryer using this procedure after maintenance, power outage or prolonged periods of shutdown.

##### 4.1 When Operating Dryer

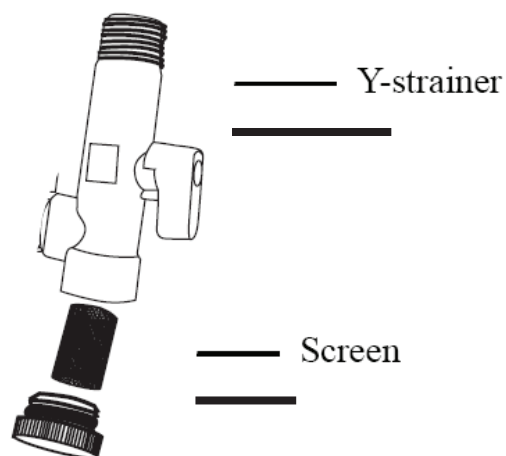
**CAUTION**



1. Turn dryer On and Off at control panel only.
2. Keep power to unit at all times except when servicing.
3. Start dryer prior to allowing air flow through unit.
4. Clean condenser when necessary.
5. Maintain ambient temperature between 41-100°F (5-38°C)
6. Keep inlet temperature under 101°F (38°C)
7. Check and clean condensate drain strainer regularly.

## 5. Routine Maintenance

- The air cooled condenser must be kept clean. Inspect on a regular basis for dirt or debris that might accumulate. Remove any debris immediately.
- The strainer should be checked weekly.











### Pre-filtration per installation instructions:

- Parker pre-filter should be installed directly upstream from the dryer.
- The pre-filter should be changed every 6-12 months to prevent dryer fouling and prevent damage.

**6. Maintenance Schedule**

The maintenance chart below indicates the components that should be checked while performing routine maintenance on the dryer. The chart also indicates how often a specific check should be performed.

Description of Service Required		Service recommended every:			
Component	Operation	Day	Week	Month	Year
Dryer	Check control panel indicators				
Dryer	Visually inspect dryer				
Dryer	Inspect drain line strainer screen				
Dryer	Clean condensing coil fins (air cooled units only)				
Dryer	Compressor oil level sight glass (250 to 1200 SCFM)				
Filtration	Depressurized dryer. Replace pre and after filter elements				
Dryer	Check for refrigerant leaks				
Dryer	Depressurized dryer. Complete drain maintenance				

 Check       Replace

**6.1 Maintenance Procedures**

Before performing any maintenance on the machine ensure that air pressure is vented from the system. Also make sure that personnel performing the maintenance have read the maintenance section of the manual.

Refer to lock-out/tag-out procedures.

Upon completion of the maintenance tasks be sure that the machine has been properly reassembled prior to restarting and reintroducing air.



7. Troubleshooting / Service

Description	Cause	Remedy
Low refrigerant pressure alarm	1) Refrigerant leak 2) Low pressure switch defective 3) Ambient below 41°F	1) Locate leak. Repair & recharge. 2) Replace 3) Increase ambient temperature
High refrigerant discharge alarm	1) Condenser dirty/blocked 2) Fan pressure switch defective 3) Fan motor does not work/defective 4) Ambient temperature above 115°F (46°C) 5) High pressure switch defective 6) Expansion valve defective 7) Overcapacity/excessive thermal load	1) Clean condenser 2) Replace 3) Replace motor 4) Improve room ventilation 5) Replace 6) Replace 7) Reduce thermal load
Moisure downstream of dryer	1) Dryer is off 2) Time drain not working and/or plugged 2a) Drain time settings need adjustment 3) Excessive thermal load 4) Compressor does not run/defective 5) Bypass around dryer is open	1) Check for proper voltage. Turn dryer on. Check fuses and replace if necessary 2) Clean strainer 3) Reduce load 4) Check wiring, voltage. Replace if necessary 5) Close bypass
High Dewpoint	1) Excessive thermal load 2) Compressor stopped 3) Dryer off	1) Reduce inlet and/or ambient temperature and/or inlet flow 2) Check circuit for loose connection / open 3) Check electrical circuit

Adjustments should only be made under the guidance of a certified refrigeration technician. The controls interact with each other and, although the effect of an adjustment may not be immediately obvious, it will affect the dryer’s performance.

7.1 Refrigerant Charging Procedure

CAUTION



- Charge liquid refrigerant only. Do not use vapor.
- The dryer needs to be pulled into a vacuum (500 micron minimum) for 30 minutes.
- Charge **liquid** refrigerant into the high side refrigeration access valve located in the line on the outlet of the condenser.
- The full charge may not be accepted. If this occurs, the dryer can be started and the remainder of the charge should be metered into the compressor suction service valve.

7.2 Torque Values

Model	Suction Rotolock	Discharge Rotolock	All Flare Nuts & Caps	Pressure Switches
	*Torque	*Torque	*Torque	*Torque
PNC0200-A2	N/A	N/A	9 ft/lbs	10 ft/lbs
PNC0250-A2 PNC0325-A2	56 ft/lbs	59 ft/lbs	9 ft/lbs	10 ft/lbs
PNC0250-A3 /A4/A5 PNC0325-A3 /A4/ A5 PNC0400-A3 / A4/A5	59 ft/lbs	59 ft/lbs	9 ft/lbs	10 ft/lbs
PNC0500-A3 /A4/A5	59 ft/lbs	59 ft/lbs	9 ft/lbs	10 ft/lbs
PNC0700-A3 /A4/ A5 PNC0850-A3 / A4/A5	66 ft/lbs	59 ft/lbs	9 ft/lbs	10 ft/lbs
PNC1050-A3 /A4/ A5 PNC1200-A3 / A4/A5	81 ft/lbs	66 ft/lbs	9 ft/lbs	10 ft/lbs

**Note:** If using Crows Foot adapters, the torque valves must be re-calculated based on the specific adapter being used.

8. Technical Data

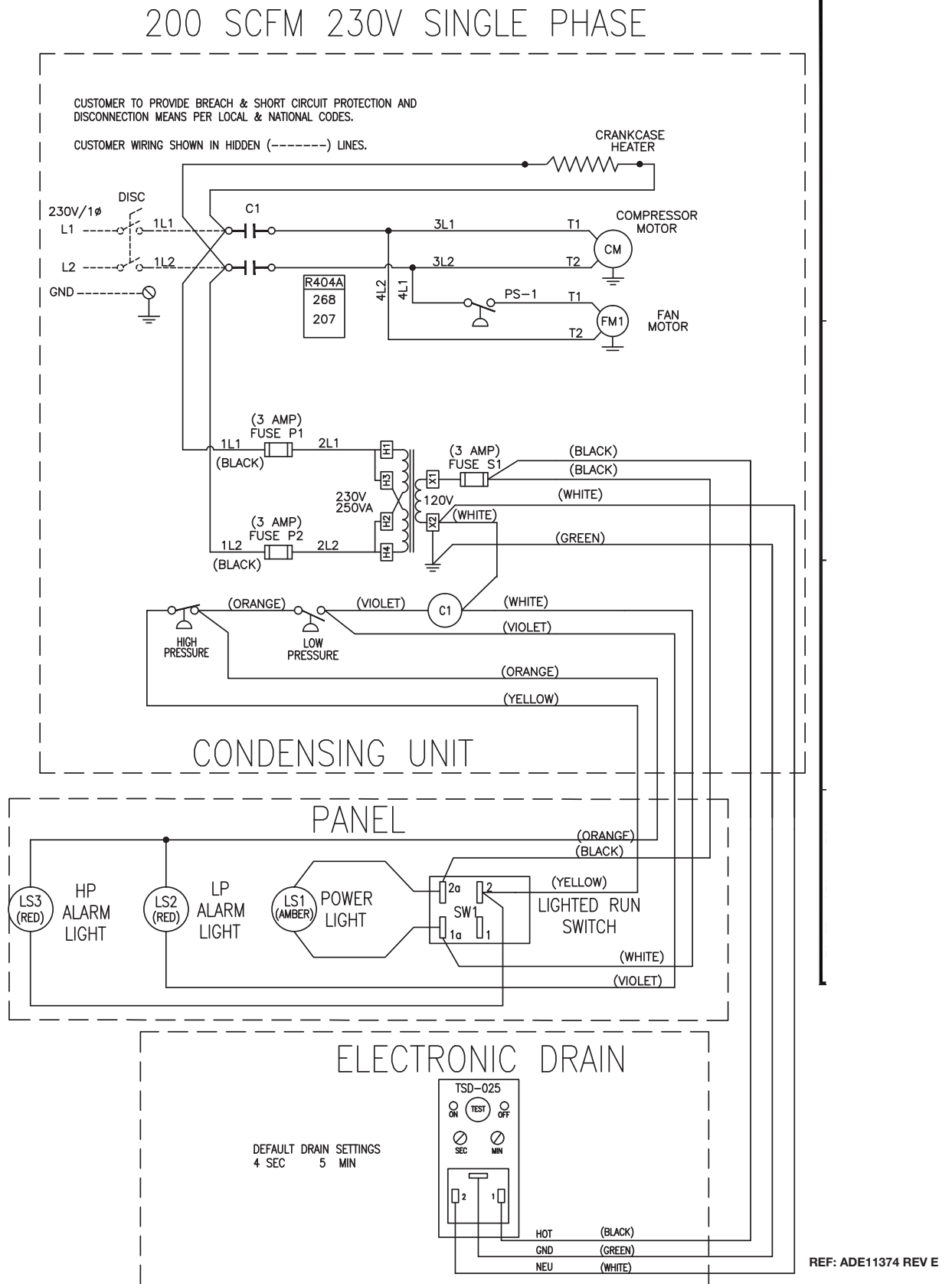
TECHNICAL DATA								
Model	Electrical	Compressor		Fan motor			Dryer	
	V / Ph / Hz	RLA	LRA	Qty	FLA	HP	MCA	Max Fuse
PNC200	230/1/60	8.5	47	1	1	1/6	12.2	20
PNC250	230/1/60	12.1	49	1	1.2	1/5	17.0	25
	230/3/60	7.9	38	1	1.2	1/5	11.6	15
	460/3/60	4.3	16	1	0.6	1/5	6.6	10
	575/3/60	4.3	16	1	0.6	1/5	5.2	10
PNC325	230/1/60	12.1	49	1	1.2	1/5	17.0	25
	230/3/60	7.9	38	1	1.2	1/5	11.6	15
	460/3/60	4.3	16	1	0.6	1/5	6.6	10
	575/3/60	4.3	16	1	0.6	1/5	5.2	10
PNC400	230/3/60	7.9	38	1	1.2	1/5	11.6	15
	460/3/60	4.3	16	1	0.6	1/5	6.6	10
	575/3/60	4.3	16	1	0.6	1/5	5.2	10
PNC500	230/3/60	11.4	57	1	1.2	1/5	16.1	25
	460/3/60	5.4	23	1	0.6	1/5	7.9	10
	575/3/60	5.4	23	1	0.6	1/5	6.3	10
PNC700	230/3/60	15.7	98	1	3	1/2	23.2	35
	460/3/60	7.1	38	1	1.5	1/2	11.0	15
	575/3/60	7.1	38	1	1.5	1/2	8.8	15
PNC850	230/3/60	15.7	98	1	3	1/2	23.2	35
	460/3/60	7.1	38	1	1.5	1/2	11.0	15
	575/3/60	7.1	38	1	1.5	1/2	8.8	15
PNC1050	230/3/60	17.9	115	2	1.2	1/5	25.3	40
	460/3/60	8.6	47	2	0.6	1/5	12.5	20
	575/3/60	8.6	47	2	0.6	1/5	10.0	15
PNC1200	230/3/60	17.9	115	2	1.2	1/5	25.3	40
	460/3/60	8.6	47	2	0.6	1/5	12.5	20
	575/3/60	8.6	47	2	0.6	1/5	10.0	15

Settings	Fan 1	Fan 2	High pressure switch	Low pressure switch
PNC200 - PNC850	ON: 268 psig (18.5 barg) OFF: 207 psig (14.3 barg)	-	425 psig (29 barg) reset: 339 psig (21 barg)	35 - 60 psig 2.4 - 4 Barg
PNC1050 - PNC1200	ON: 230 psig (16 barg) OFF: 190 psig (13 barg)	ON: 268 psig (18.5 barg) OFF: 207 psig (14.3 barg)		

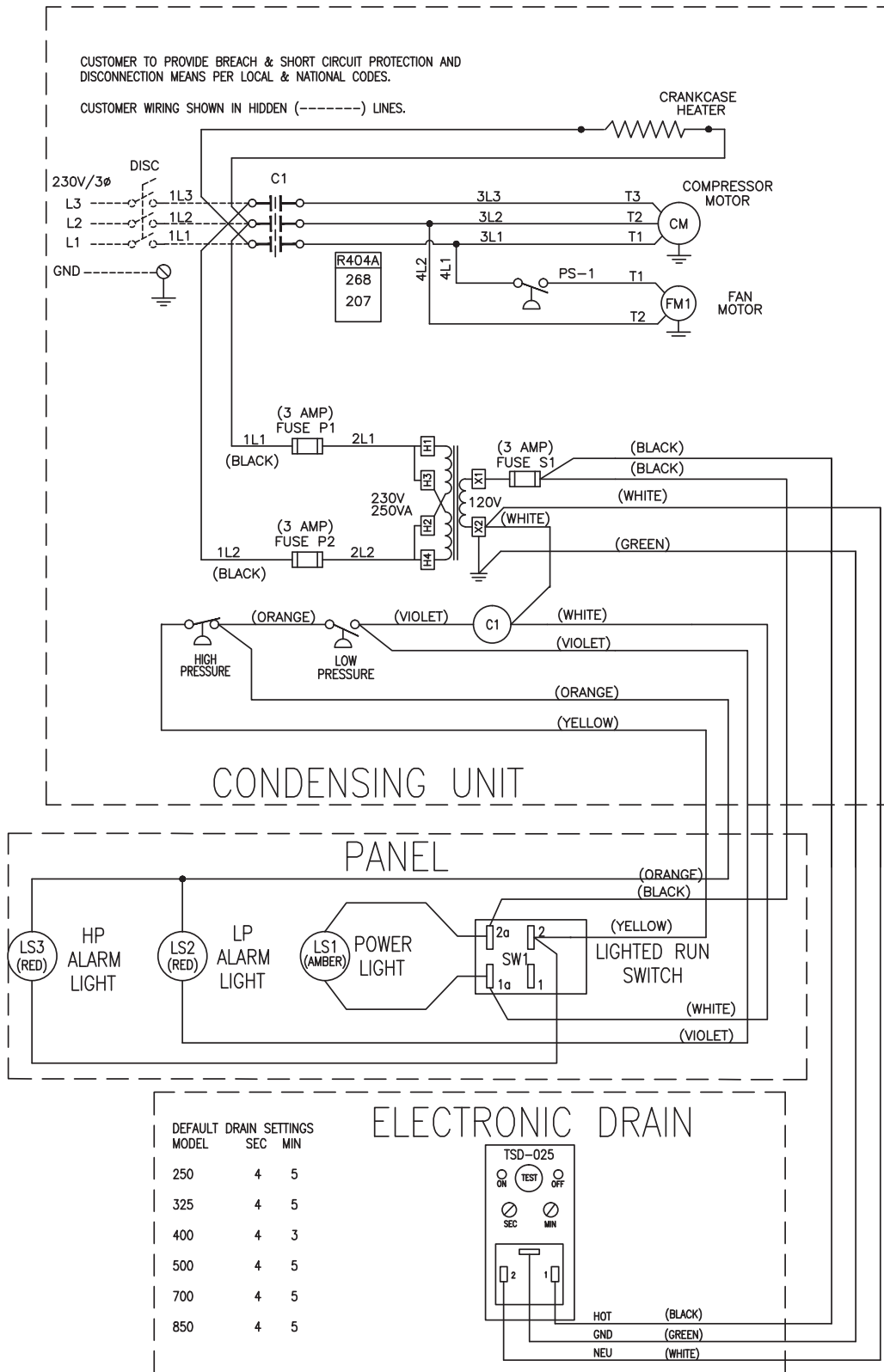
10. Recommended Filters

<b>MODEL</b>	<b>Recommended Pre-Filter</b>	<b>Replacement Element (Pre-Filter)</b>	<b>Recommended After-Filter</b>	<b>Replacement Element (After-Filter)</b>
PNC200	AOP040HNFI	P040AO	AAP040HNFI	P040AA
PNC250	AOP040HNFI	P040AO	AAP040HNFI	P040AA
PNC325	AOP040HNFI	P040AO	AAP040HNFI	P040AA
PNC400	AOP040HNFI	P040AO	AAP040HNFI	P040AA
PNC500	AOP04 5INFI	P045AO	AAP045INFI	P045AA
PNC700	AOP055JNFI	P055AO	AAP055JNFI	P055AA
PNC850	AOP055JNFI	P055AO	AAP055JNFI	P055AA
PNC1050	AOP055JNFI	P055AO	AAP055JNFI	P055AA
PNC1200	AOP055JNFI	P055AO	AAP055JNFI	P055AA

11. Associated Drawings

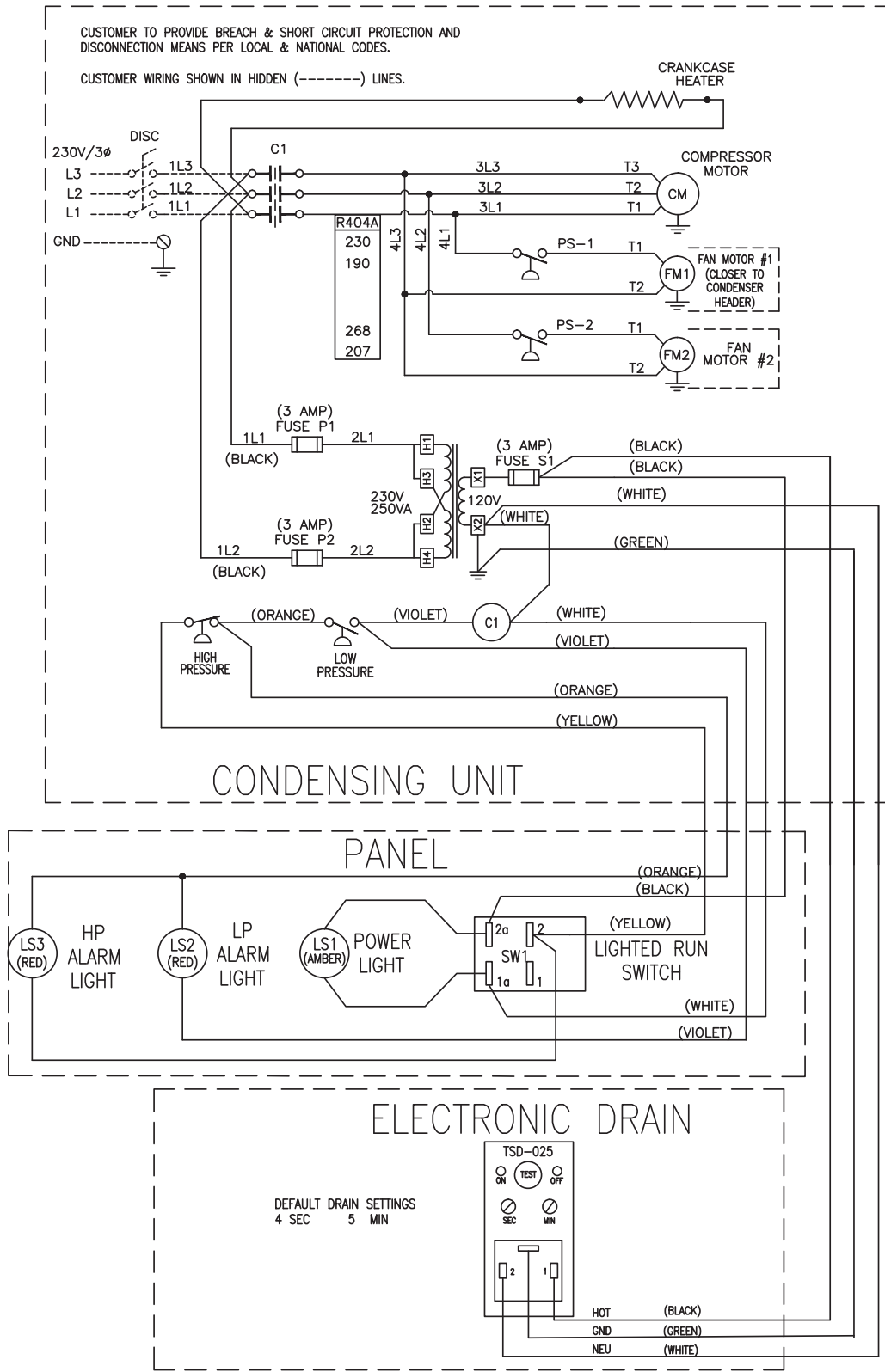


# 250 THRU 850 SCFM 230V 3 PHASE



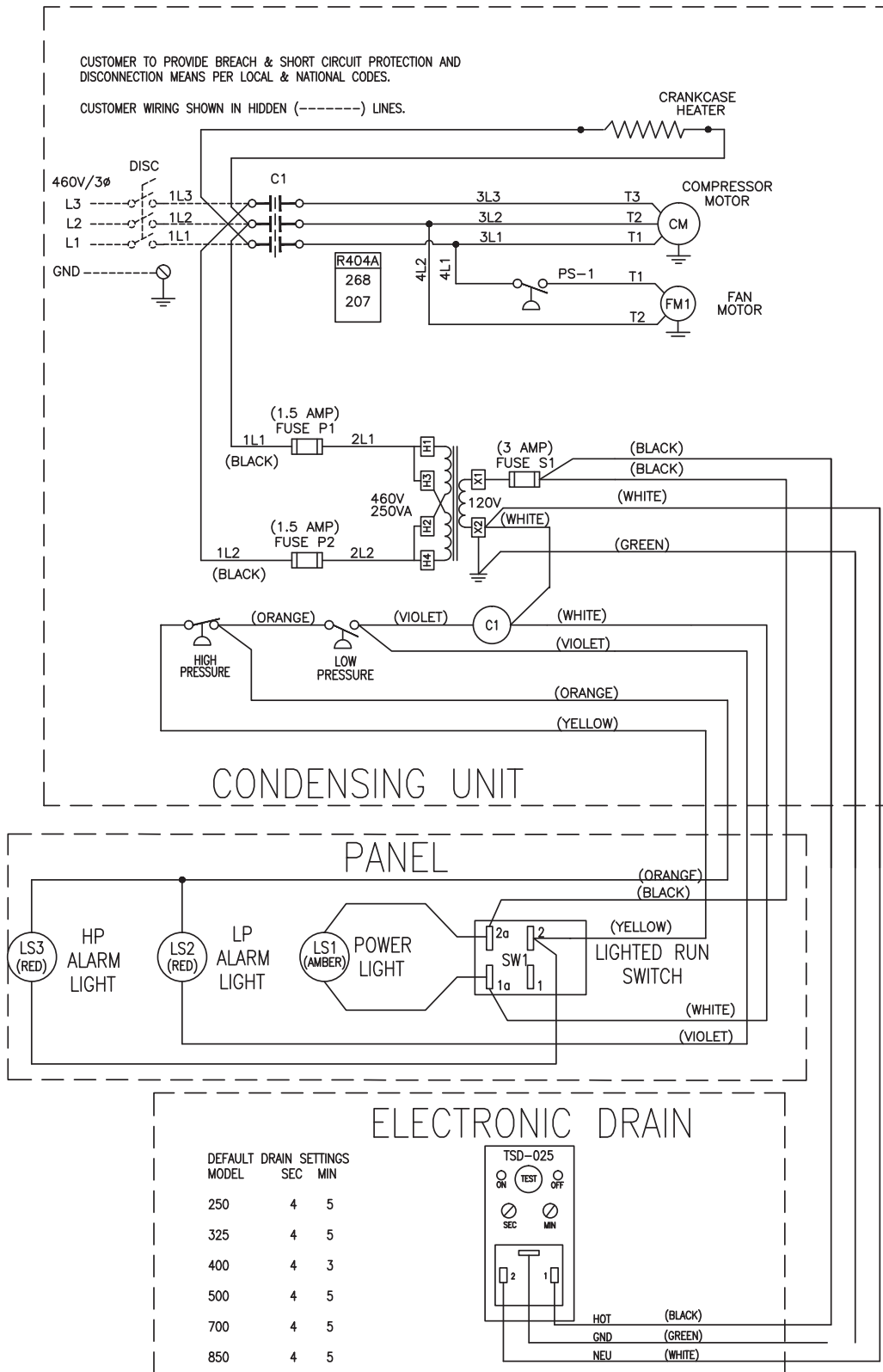
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# 1050 to 1200 SCFM 230V 3 PHASE



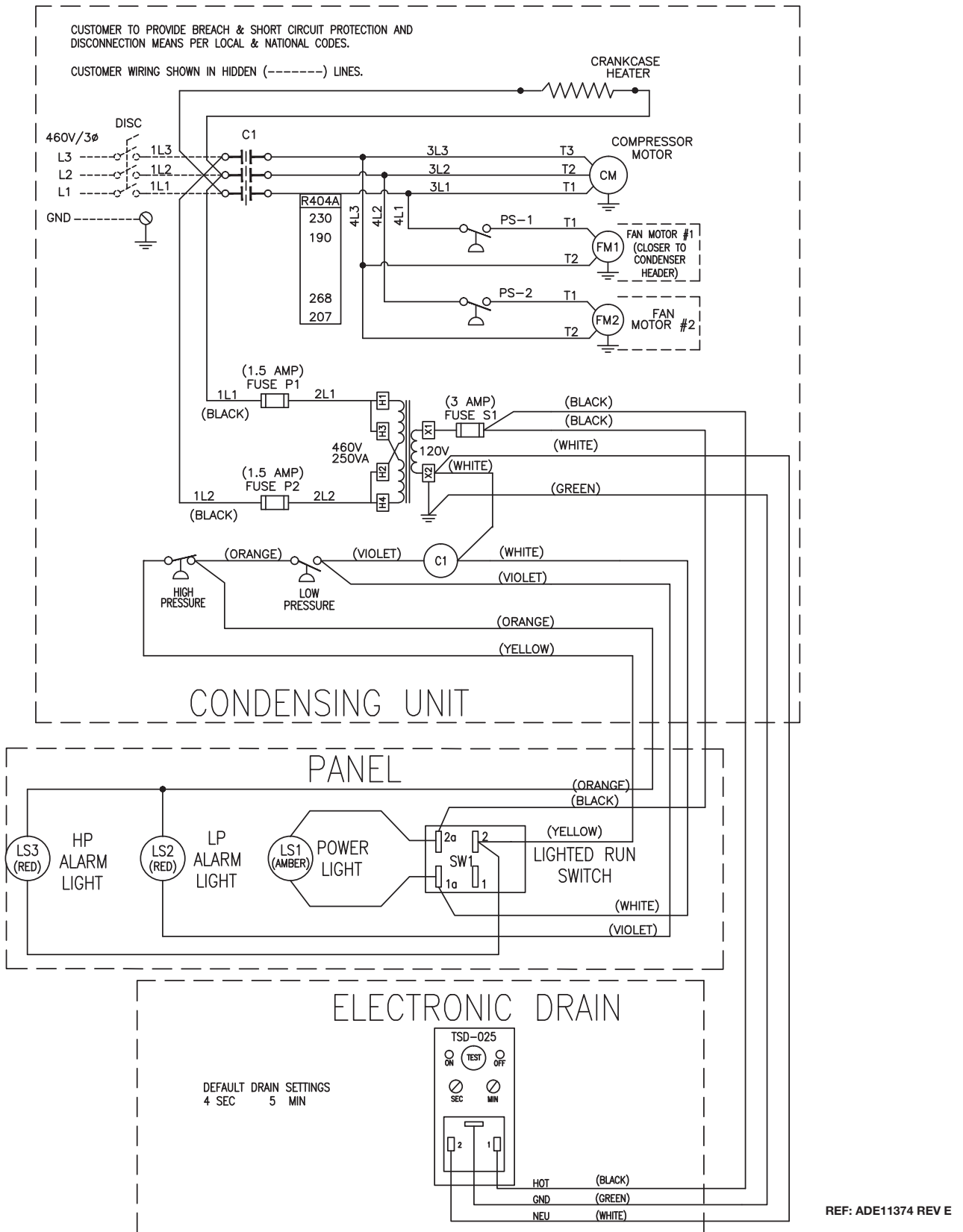
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# 250 THRU 850 SCFM 460V 3 PHASE



REF: ADE11374 REV E

# 1050 to 1200 SCFM 460V 3 PHASE





# 575 VOLT INPUT BUCK-TRANSFORMER

575V/3 $\phi$ /60HZ

L1 L2 L3

L1 L2 L3

L1 L2 L3

DISC

CUSTOMER TO PROVIDE BREACH & SHORT CIRCUIT PROTECTION AND DISCONNECTION MEANS PER LOCAL & NATIONAL CODES.  
REFER TO TRANSFORMER MANUFACTURER'S DOCUMENTATION FOR RECOMMENDED SHORT CIRCUIT FUSE RATINGS  
CUSTOMER WIRING SHOWN IN HIDDEN (-----) LINES.

(GREEN)

(INPUT: 575V 3 $\phi$  60Hz 3WIRE)

A(L1)

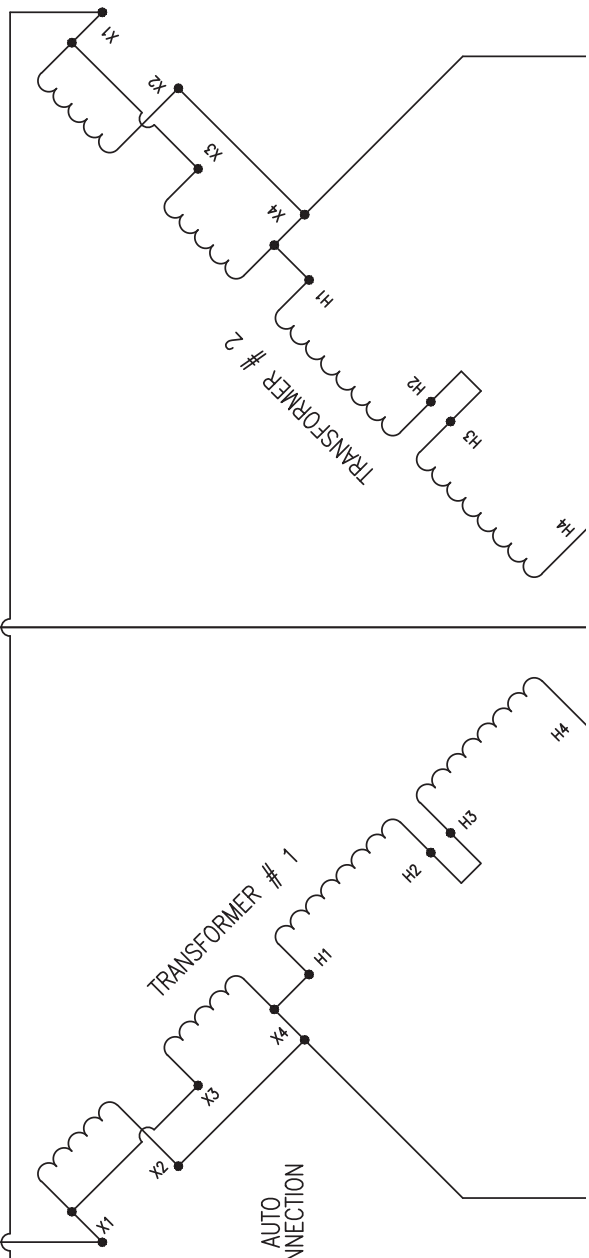
B(L2)

C(L3)

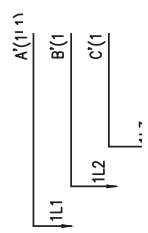
L1

L2

L3



THIS IS AN AUTO TRANSFORMER CONNECTION



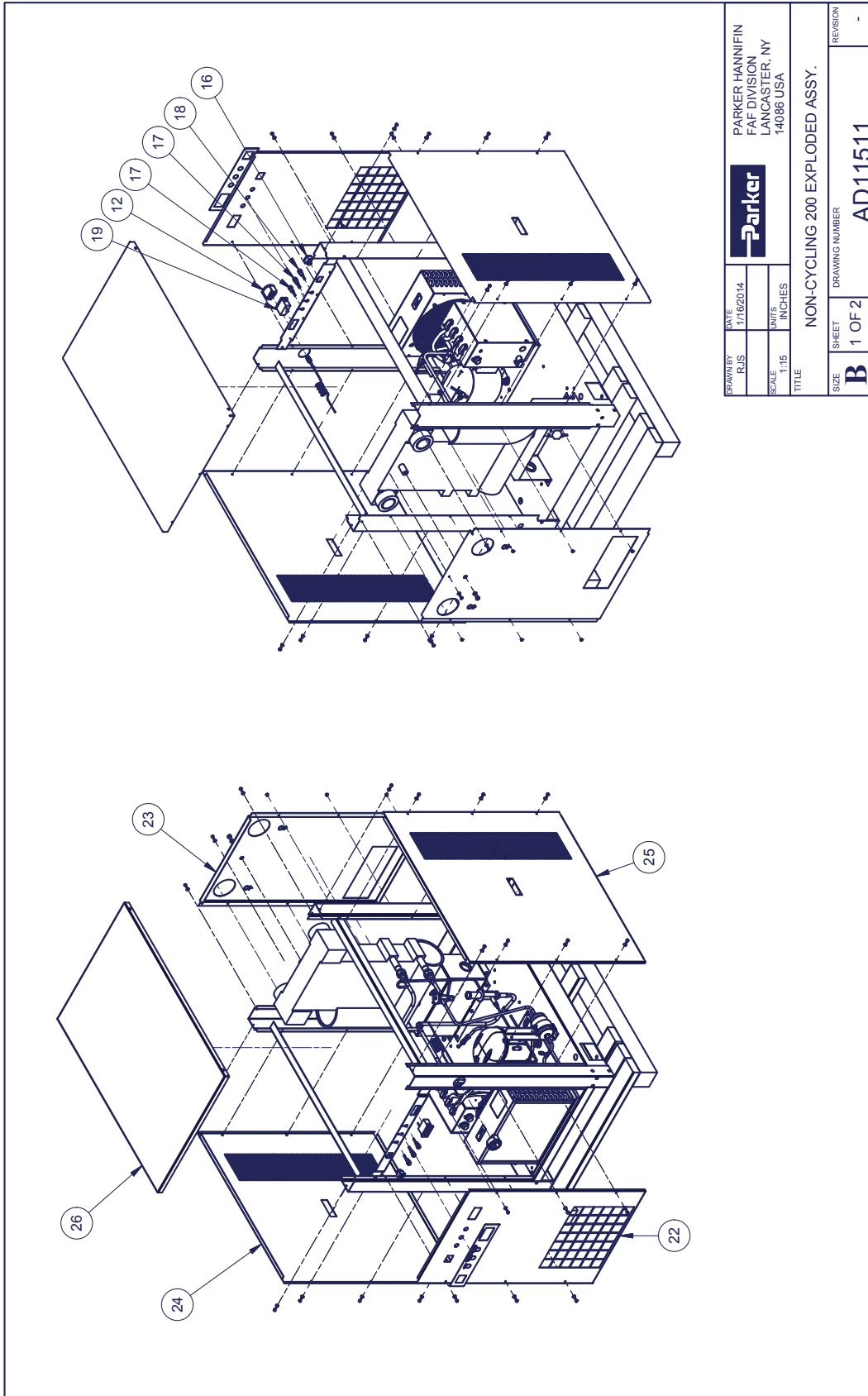
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9. Spare Parts List

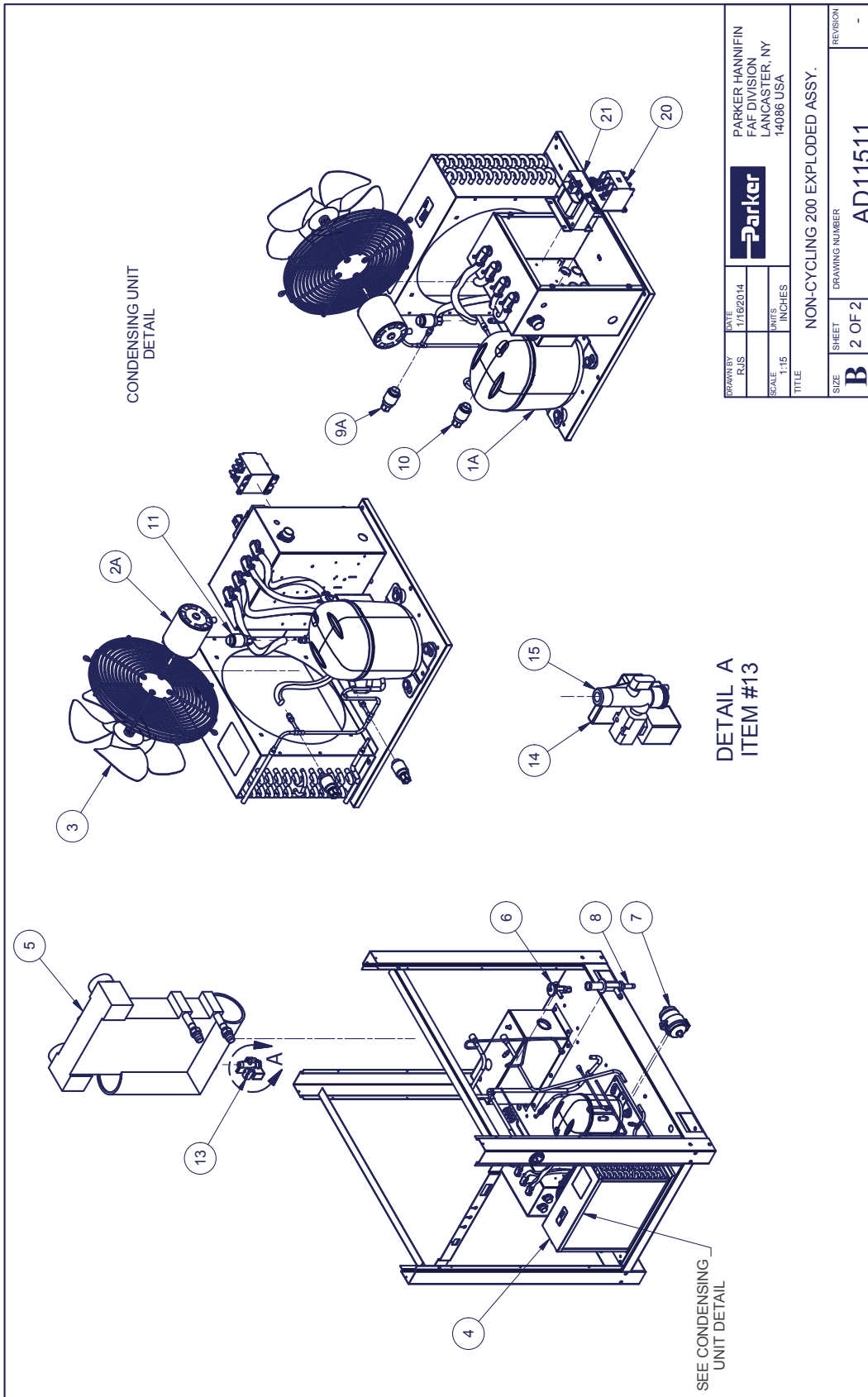
Item #	Replacement parts	MODEL									
		PNC200 (DWG. # AD11511)	PNC250 (DWG. # AD11510)	PNC325 (DWG. # AD11509)	PNC400 (DWG. # AD11508)	PNC500 (DWG. # AD11507)	PNC700 (DWG. # AD11506)	PNC850 (DWG. # AD11505)	PNC1050 (DWG. # AD11504)	PNC1200 (DWG. # AD11503)	
	<b>Refrigerant Compressor</b>										
1A	230V/1PH/60Hz	DP14231-1-C	DP14245-2-C	n/a							
1B	230V/3PH/60Hz	n/a	DP14245-3-C		DP16211-3	DP14341-3-C		DP14371-3-C			
1C	460V/3PH/60Hz	n/a	DP14245-4-C		DP16211-4	DP14341-4-C		DP14371-4-C			
	<b>Fan motor</b>										
2A	230V/1PH/60Hz	DP14231-2-M	DP14245-2-M			DP18184-2-M		DP14245-2-M			
2B	460V/1PH/60Hz	n/a	DP18105-4			DP18184		DP18105-4			
3	<b>Fan blade</b>	DP18182-B	DP18172-B								
4	<b>Refrigerant condenser</b>	DP14231-CD	DP14245-CD		DP14295-C	DP14313-CD		DP14371-CD			
5	<b>Evaporator/separator/air-air exchanger</b>	XF0325-NCR-F			XF0500-NCR-F	XF1000-NCR-F					
6	<b>Expansion valve</b>	DP34181-404	DP34182-404-1		DP34183-404	DP34185-404					
7	<b>Refrigerant filter</b>	DP28125				DP28135					
8	<b>Hot gas bypass valve</b>	DP36062-4				DP36062-2					
9	<b>Fan #1 pressure switch (230v)</b>	DP40080						DP40081			
9A	<b>**Fan #1 pressure switch (460v/575v)</b>	DP40106									
9B	<b>Fan #2 pressure switch (230v)</b>	n/a						DP40080			
9C	<b>**Fan #2 pressure switch (460v/575v)</b>	n/a						DP40106			
10	<b>High refrigerant pressure switch</b>	DP40133									
11	<b>Low refrigerant pressure switch</b>	DP40026									
12	<b>Refrigerant gauge</b>	DP42107									
13	<b>Timed drain assembly</b>	TDS-025									
14	<b>Drain solenoid valve</b>	TP8002-1									
15	<b>Valve strainer screen</b>	KP5025-S									
16	<b>on/off rocker switch</b>	EX0040-1									
17	<b>Red alarm light</b>	EL1012									
18	<b>Amber power light</b>	EL1011									
19	<b>Dewpoint indicator</b>	398H354317									
20	<b>Compressor contactor</b>	ES5035									
21	<b>Transformer</b>	ET0250									
21A	<b>230/1 &amp; 3 Fuse - Primary (Ctrl.Transformers)</b>	EF0300-1-TD									
21B	<b>230/1 &amp; 3 Fuse - Secondary (Ctrl.Transformers)</b>	EF0300-1-TD									
21C	<b>460/3 Fuse - Primary (Ctrl.Transformers)</b>	N/A	EF0150-G								
21D	<b>460/3 Fuse - Secondary (Ctrl.Transformers)</b>	N/A	EF0300-1-TD								
	<b>Cabinet panels</b>										
22	<b>Front panel</b>	DP0325-NC-CAB-700-REV	DP0325-NC-CAB-800-REV			DP1000-NC-CAB-700					
23	<b>Back panel</b>	DP0325-NC-CAB-500-REV			DP0500-NC-CAB-500-REV	DP1000-NC-CAB-500					
24	<b>Left panel</b>	DP0325-NC-CAB-600-REV				DP-1000-NC-CAB-900	DP-1000-NC-CAB-800				
25	<b>Right panel</b>	DP0325-NC-CAB-600-REV				DP1000-NC-CAB-600					
26	<b>Top panel</b>	DP0325-NC-CAB-400-REV				DP1000-NC-CAB-400					

\*\* DP 40106 phased in during 2016. Units shipped early 2016 and older will need the following: Fan #1: DP40080 & Fan #2: DP40081. DP40106 is mounted directly on the top of electrical box, the others are not.

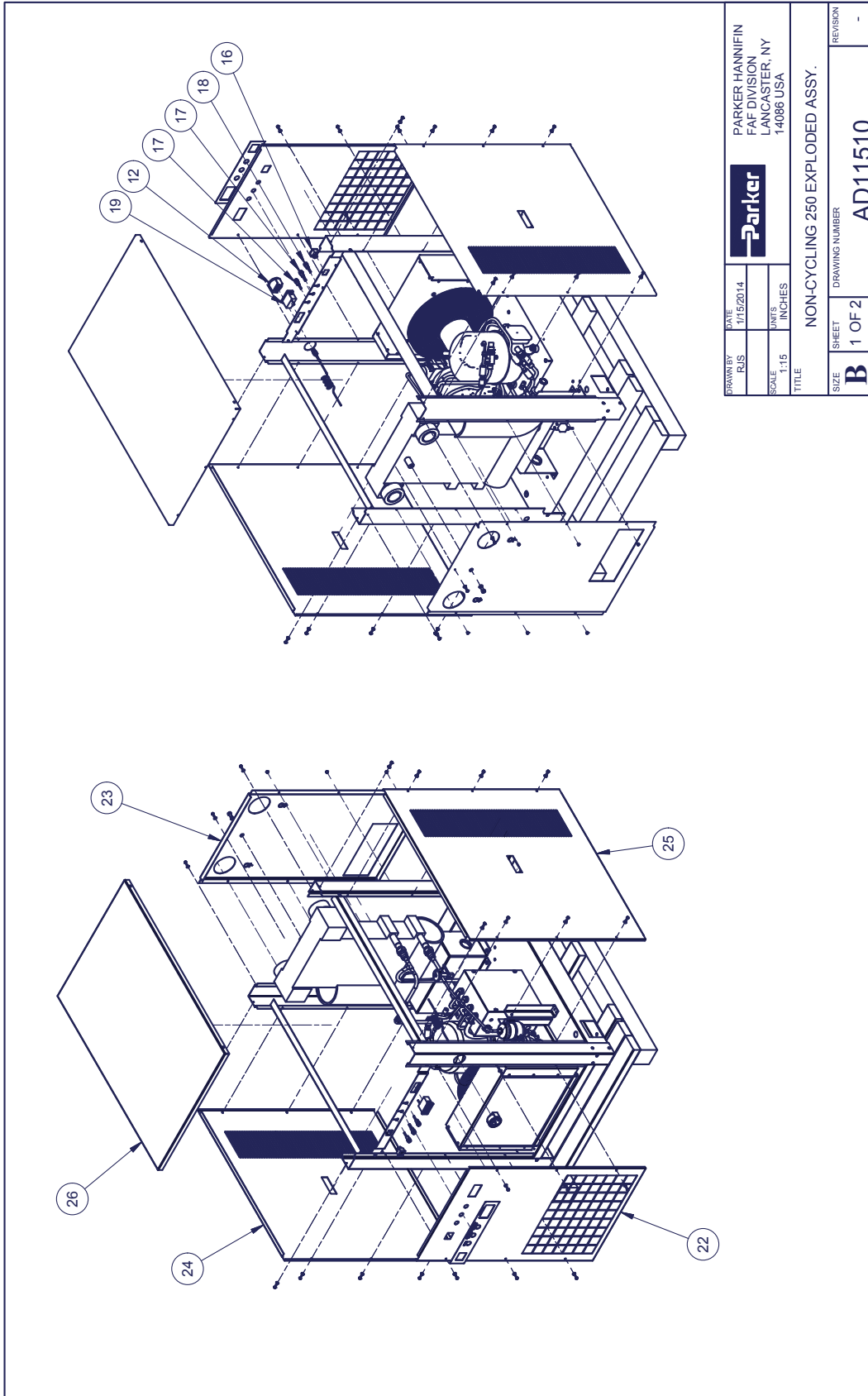
12. Exploded Views



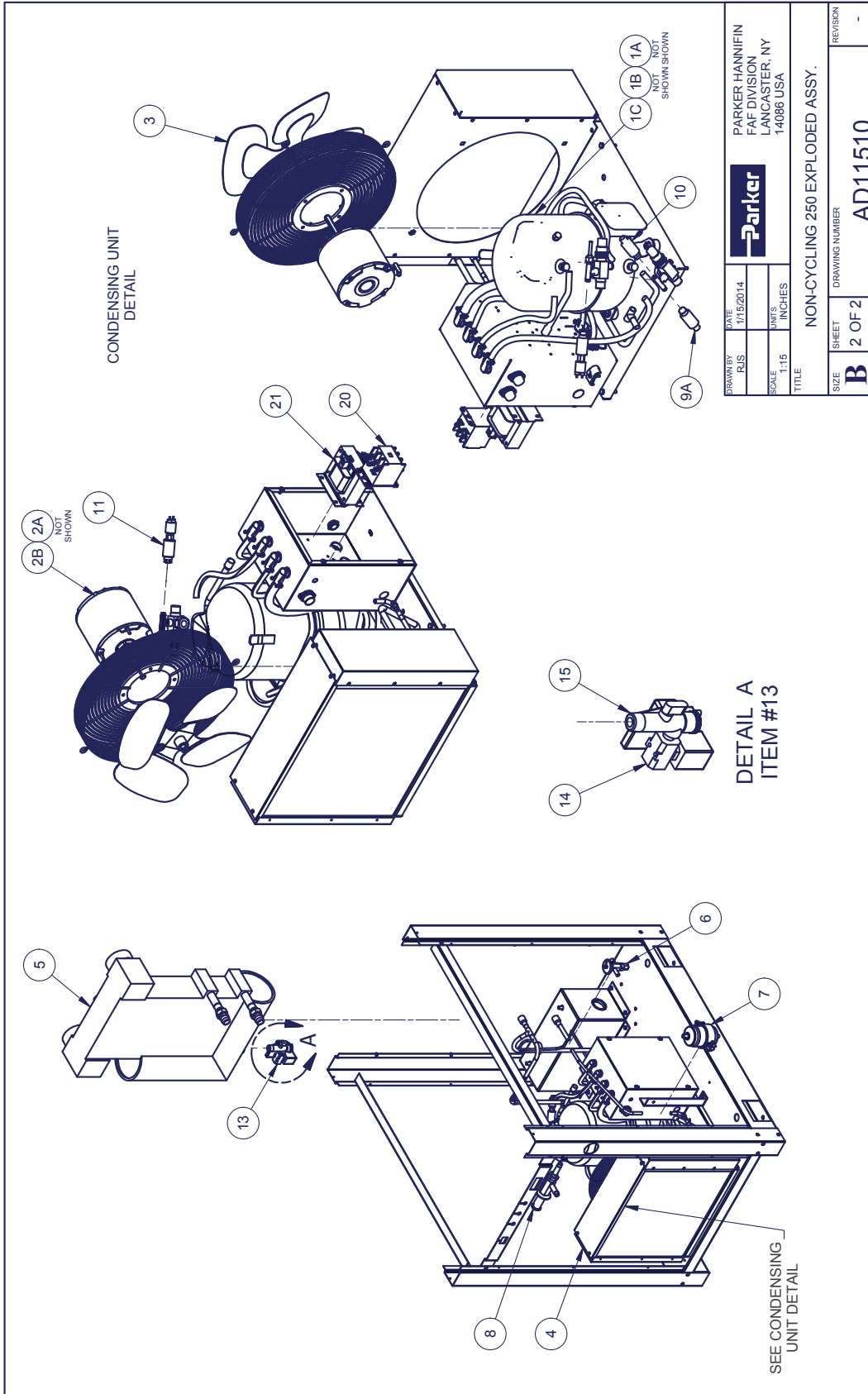
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SIZE <b>B</b>	SHEET 1 OF 2	DRAWING NUMBER AD11511	REVISION -



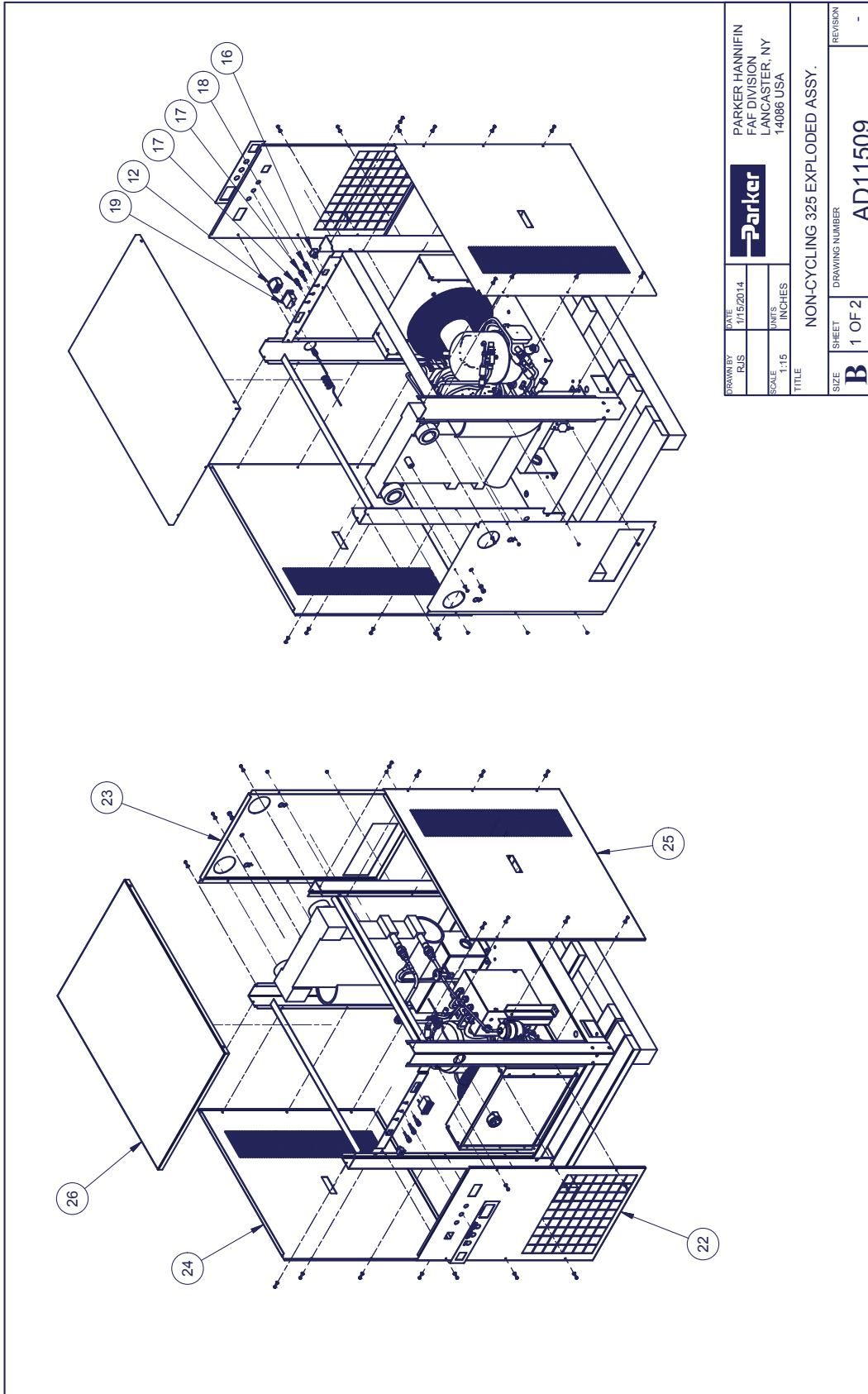
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TITLE NON-CYCLING 200 EXPLODED ASSY.		
SIZE <b>B</b>	SHEET 2 OF 2	DRAWING NUMBER <b>AD11511</b>
		REVISION -



DRAWN BY RJS	DATE 1/15/2014		PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA	
SCALE 1:15	UNITS INCHES			
TITLE NON-CYCLING 250 EXPLODED ASSY.				
SIZE <b>B</b>	SHEET 1 OF 2	DRAWING NUMBER AD11510	REVISION -	



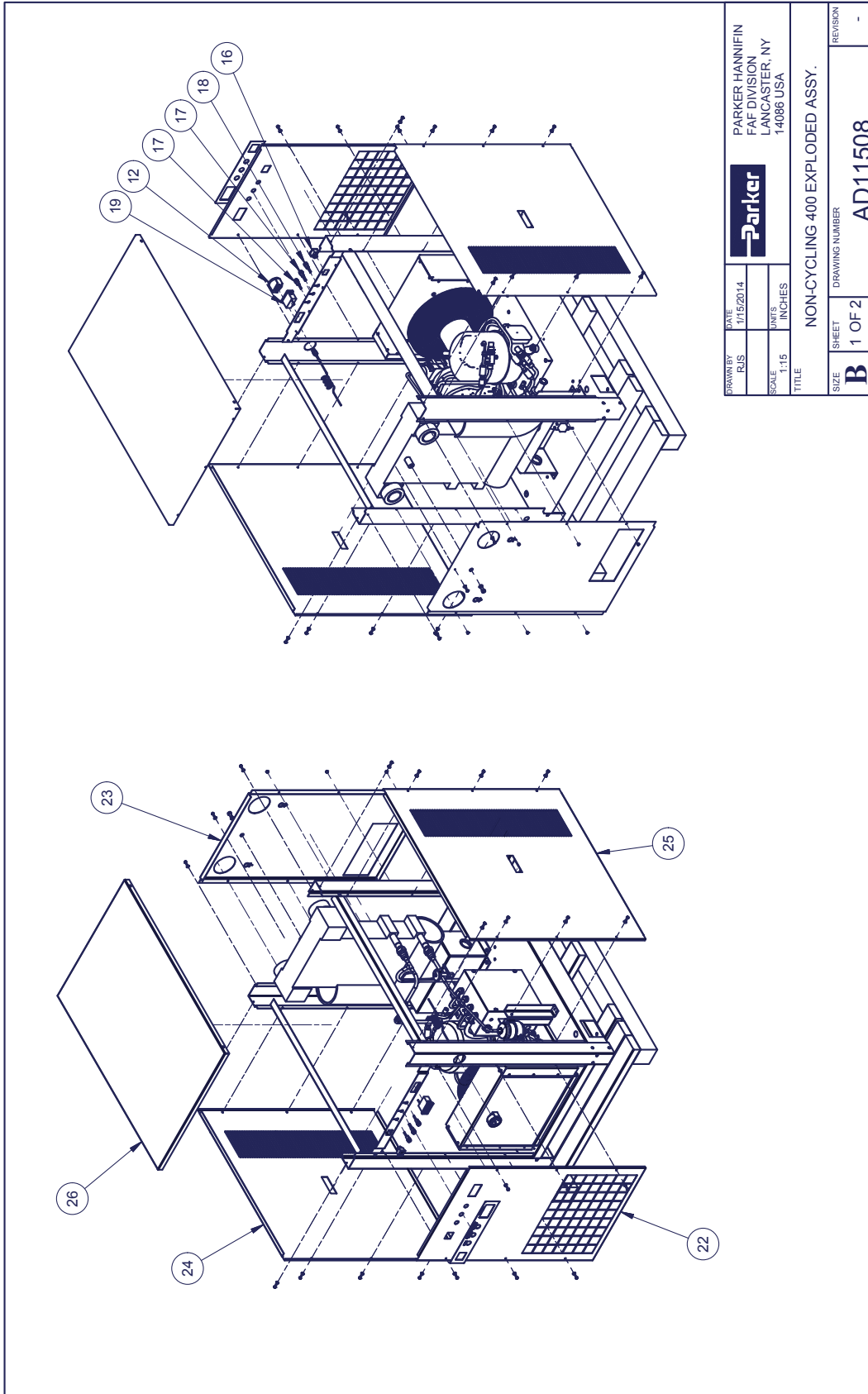
		PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA	
DRAWN BY	DATE	SCALE	TITLE
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SIZE	SHEET	DRAWING NUMBER	REVISION
B	2 OF 2	AD11510	-



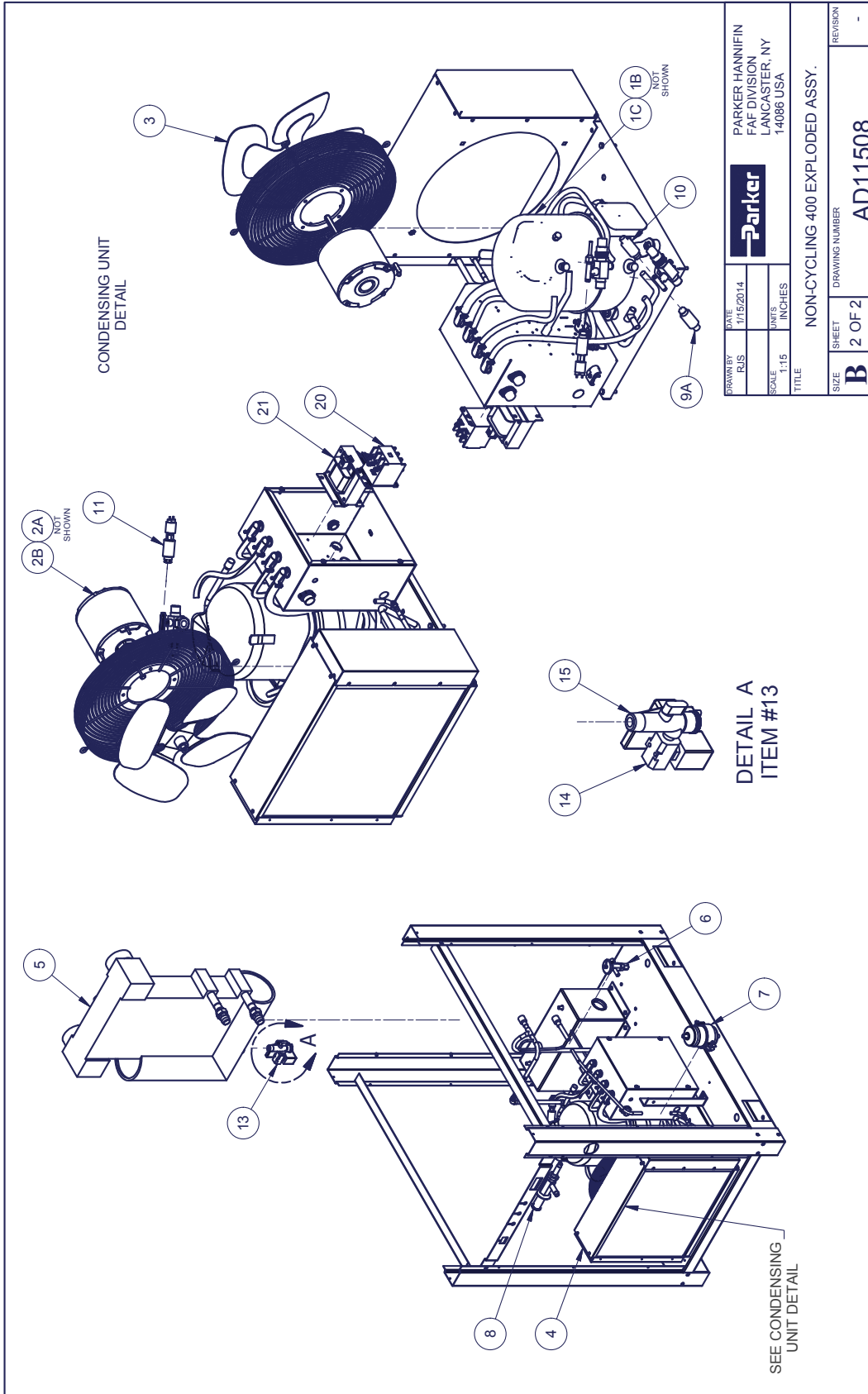
DRAWN BY RJS	DATE 1/15/2014	 PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA
SCALE 1:15	UNITS INCHES	
TITLE NON-CYCLING 325 EXPLODED ASSY.		
SIZE <b>B</b>	SHEET DRAWING NUMBER 1 OF 2	REVISION AD11509 -

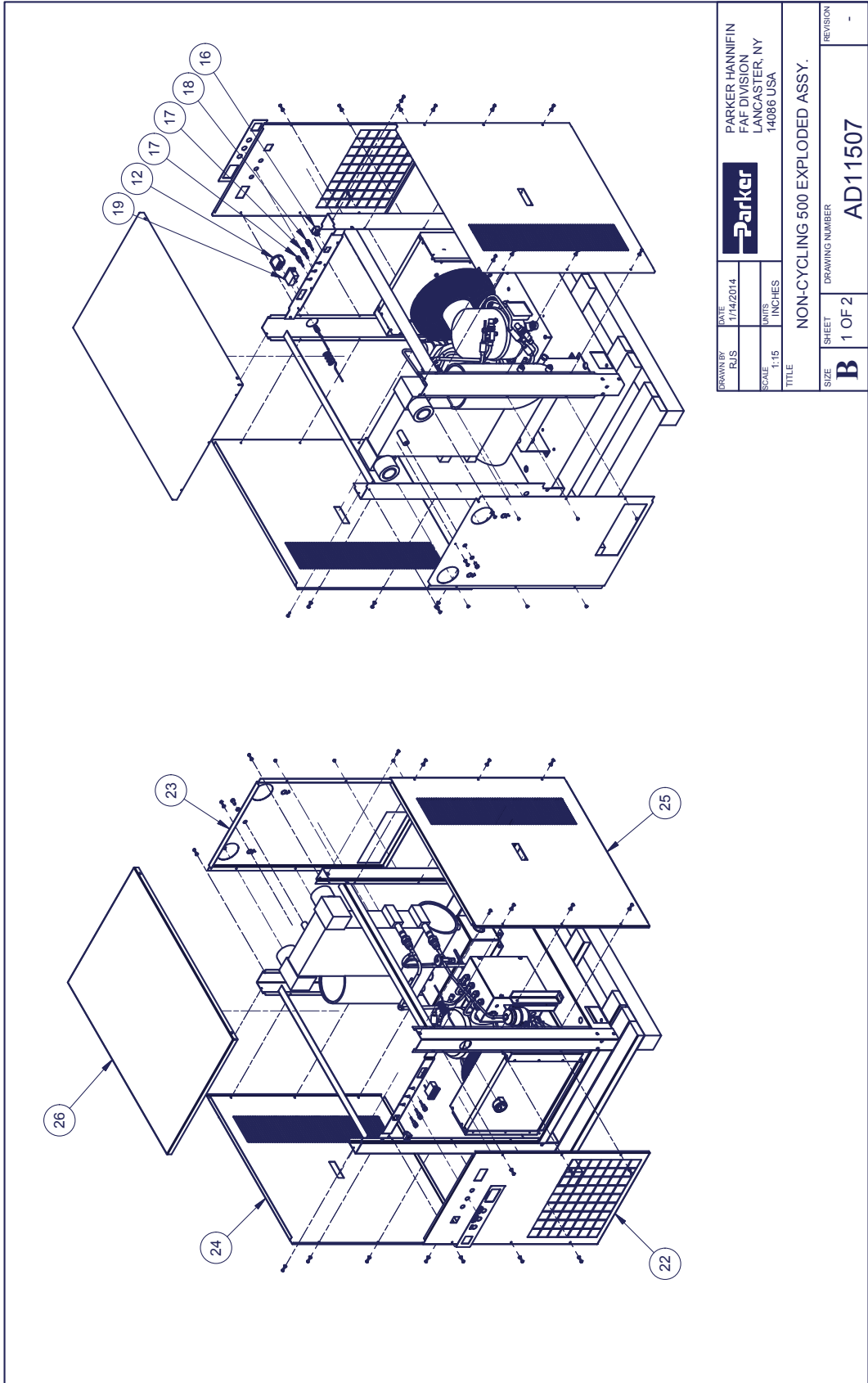


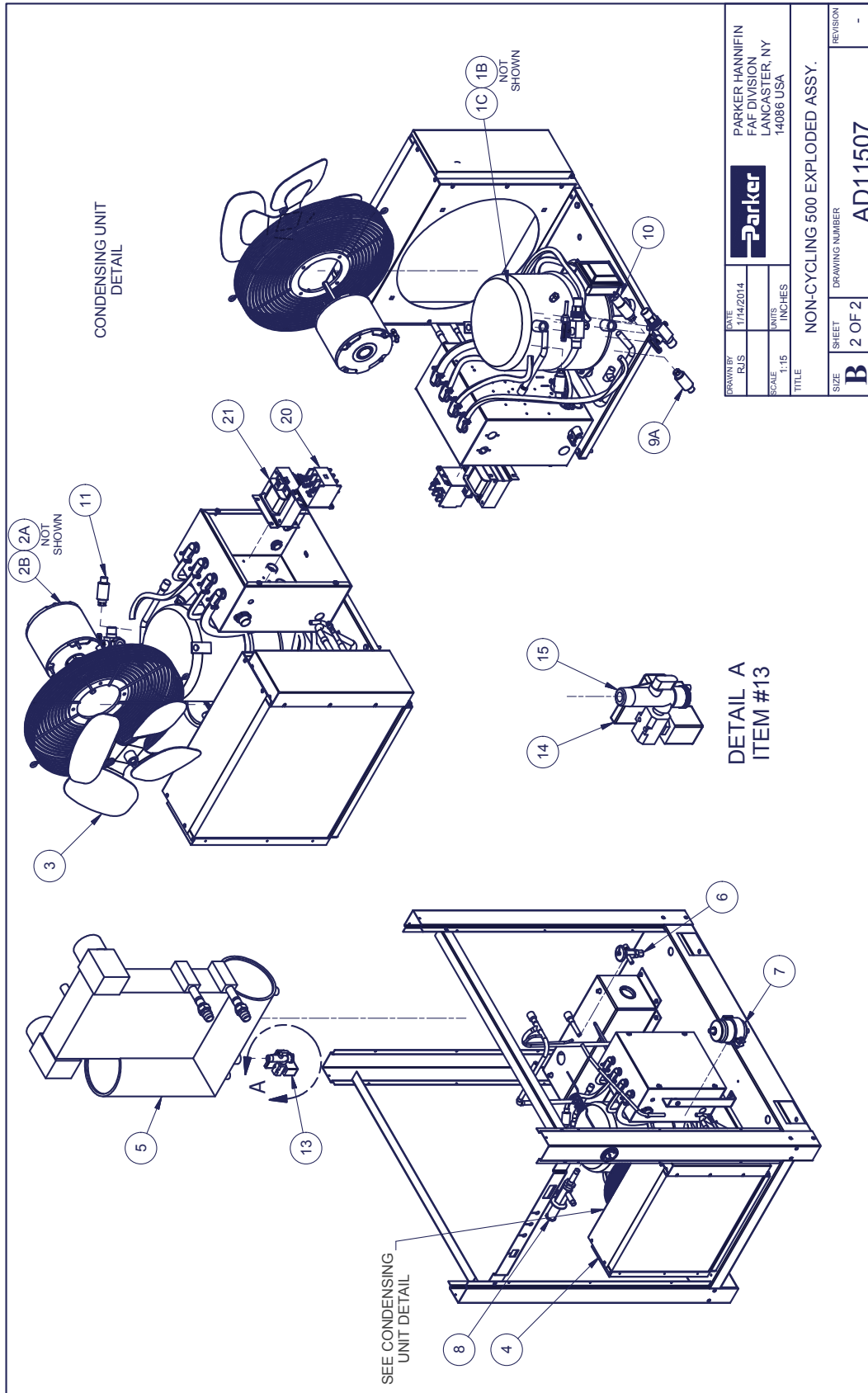


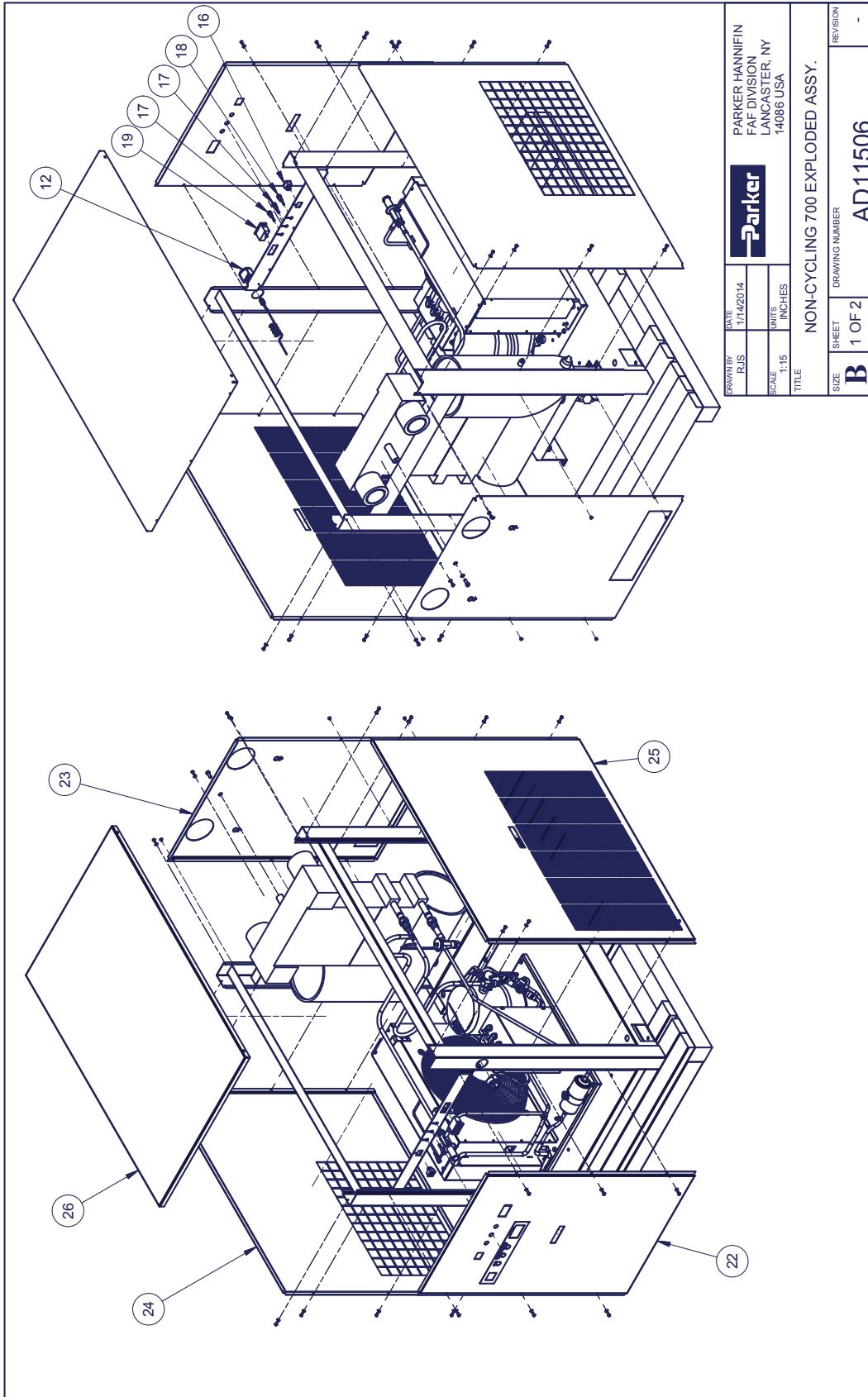


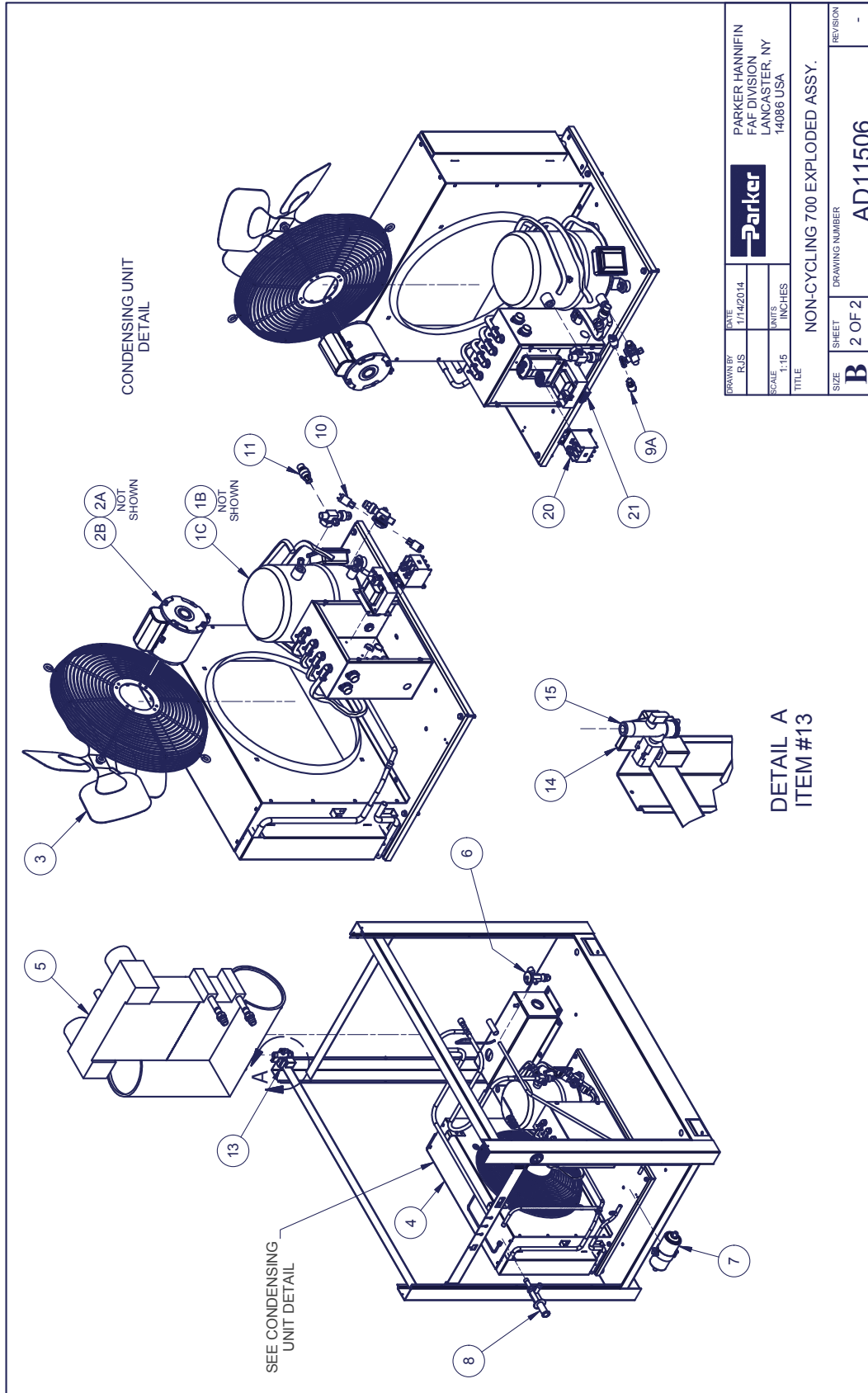
DRAWN BY RJS	DATE 1/15/2014	 PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA
SCALE 1:15	UNITS INCHES	
TITLE NON-CYCLING 400 EXPLORED ASSY.		
SIZE <b>B</b>	SHEET DRAWING NUMBER 1 OF 2	REVISION AD11508 -



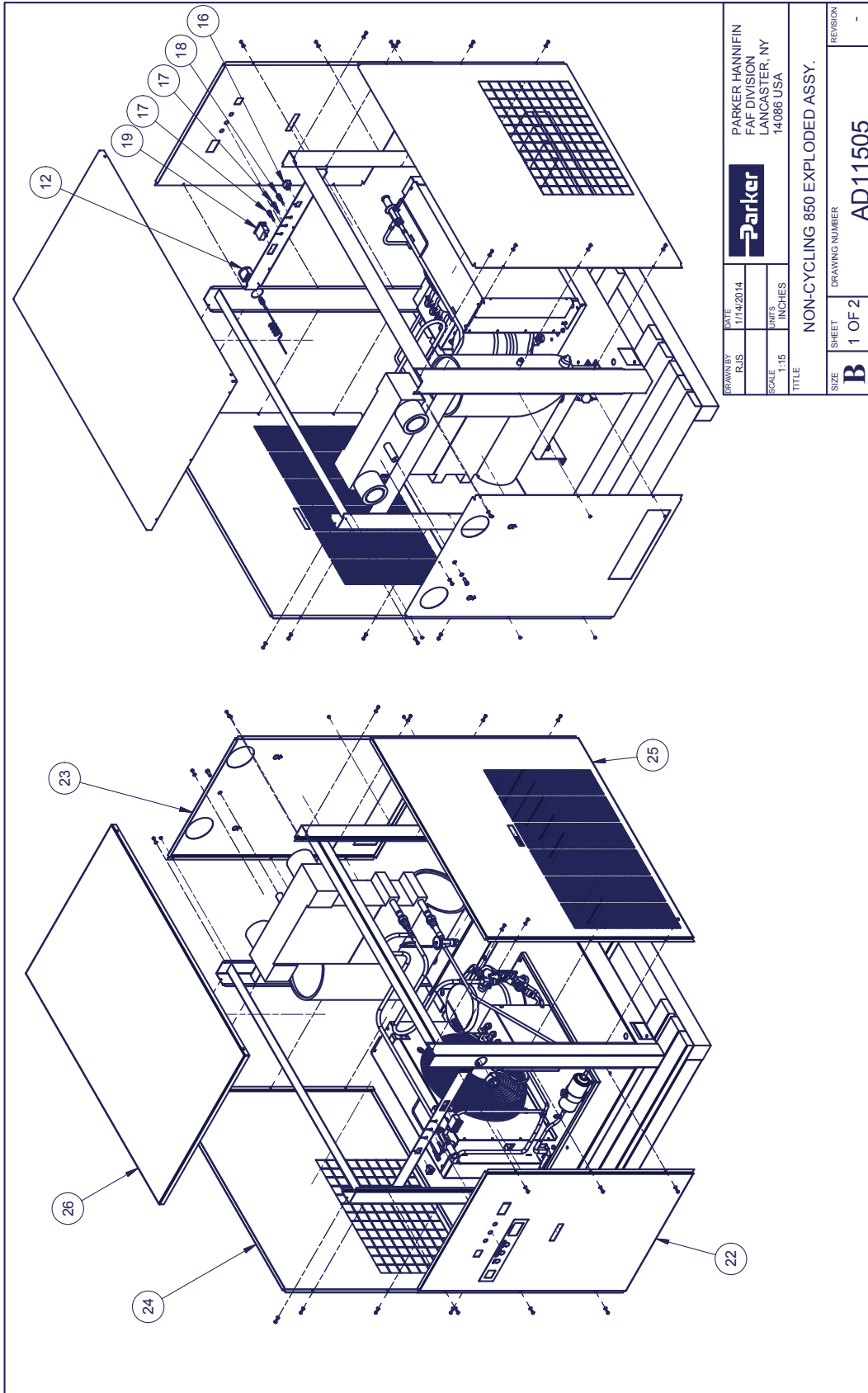


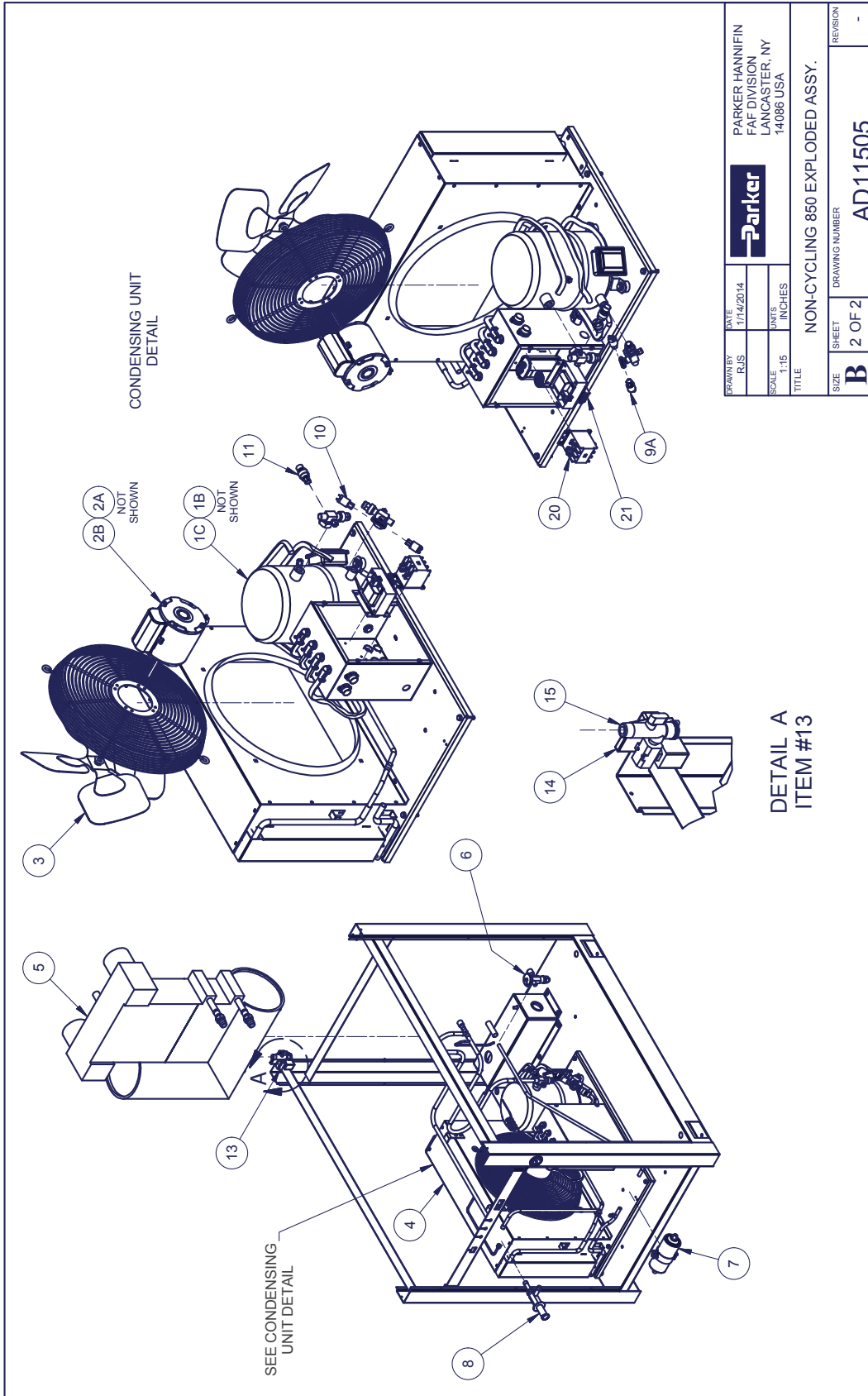






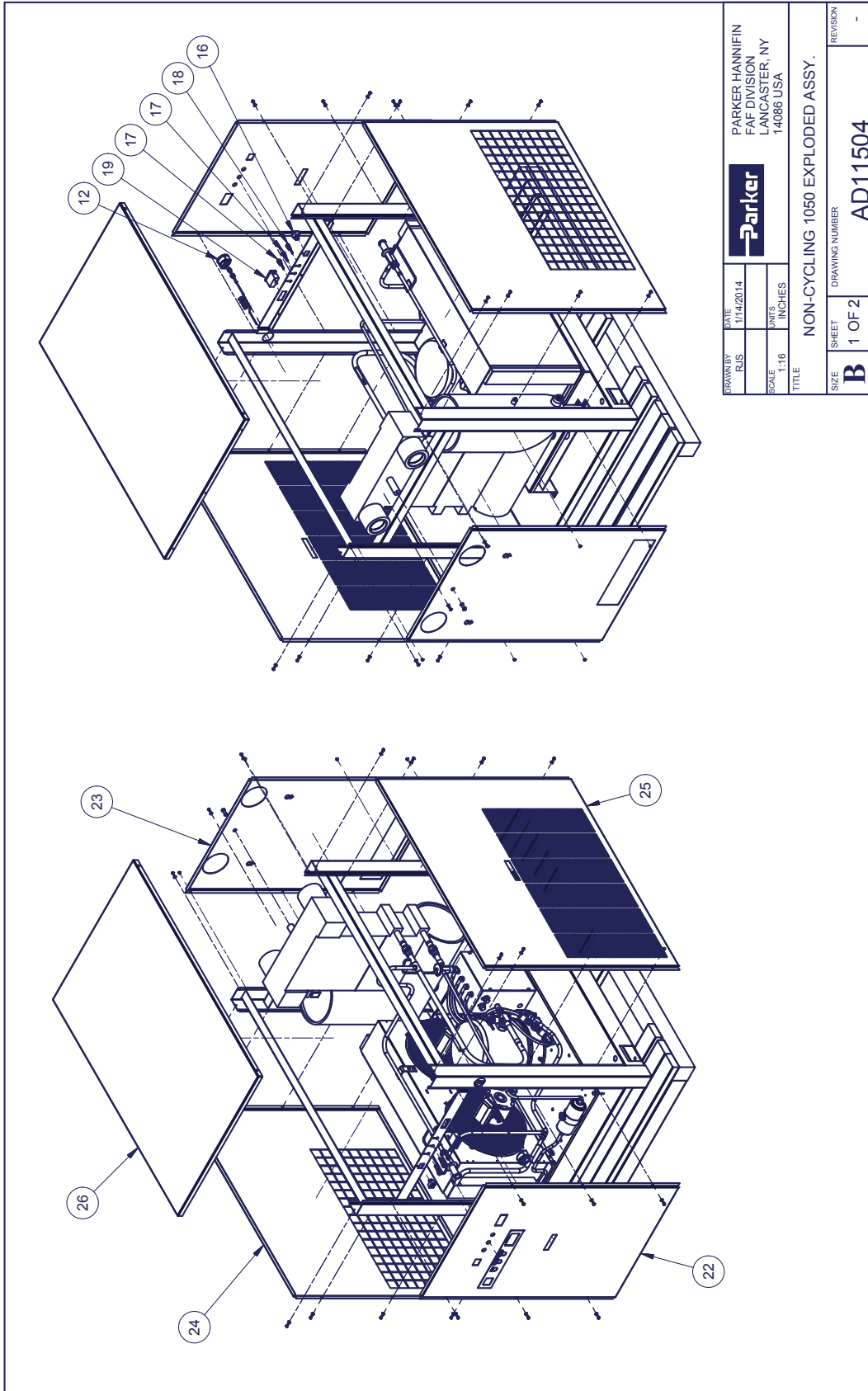
		PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA	
DRAWN BY:	RJS	DATE:	1/14/2014
SCALE:	1:15	UNITS:	INCHES
TITLE: NON-CYCLING 700 EXPLODED ASSY.			
SIZE:	B	SHEET:	2 OF 2
DRAWING NUMBER:		AD11506	
REVISION:		-	



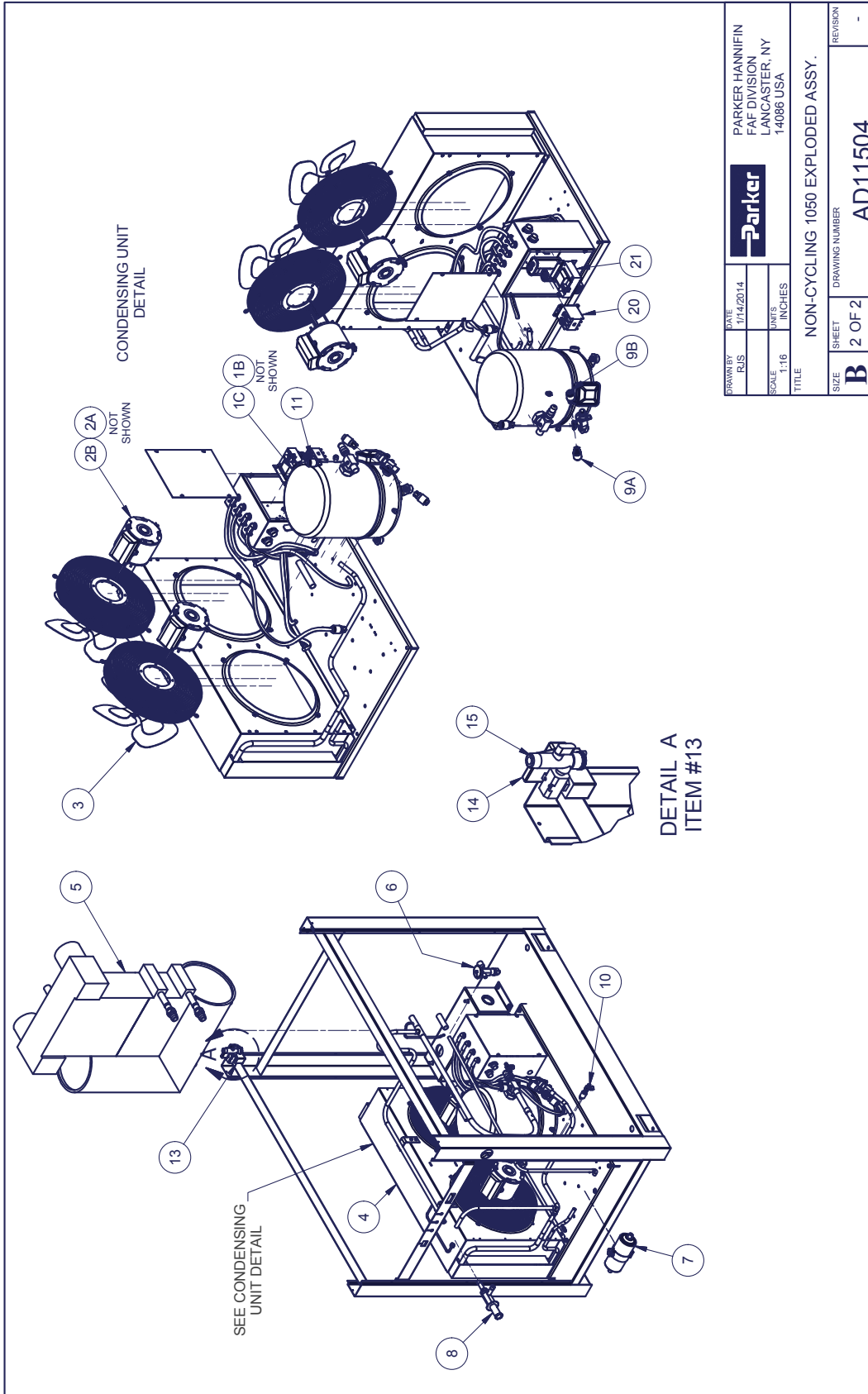


DATE	1/14/2014	PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA
DRAWN BY	RJS	
SCALE	1:15	UNITS INCHES
TITLE NON-CYCLING 850 EXPLODED ASSY.		
SIZE	SHEET	DRAWING NUMBER
B	2 OF 2	AD11505
		REVISION
		-

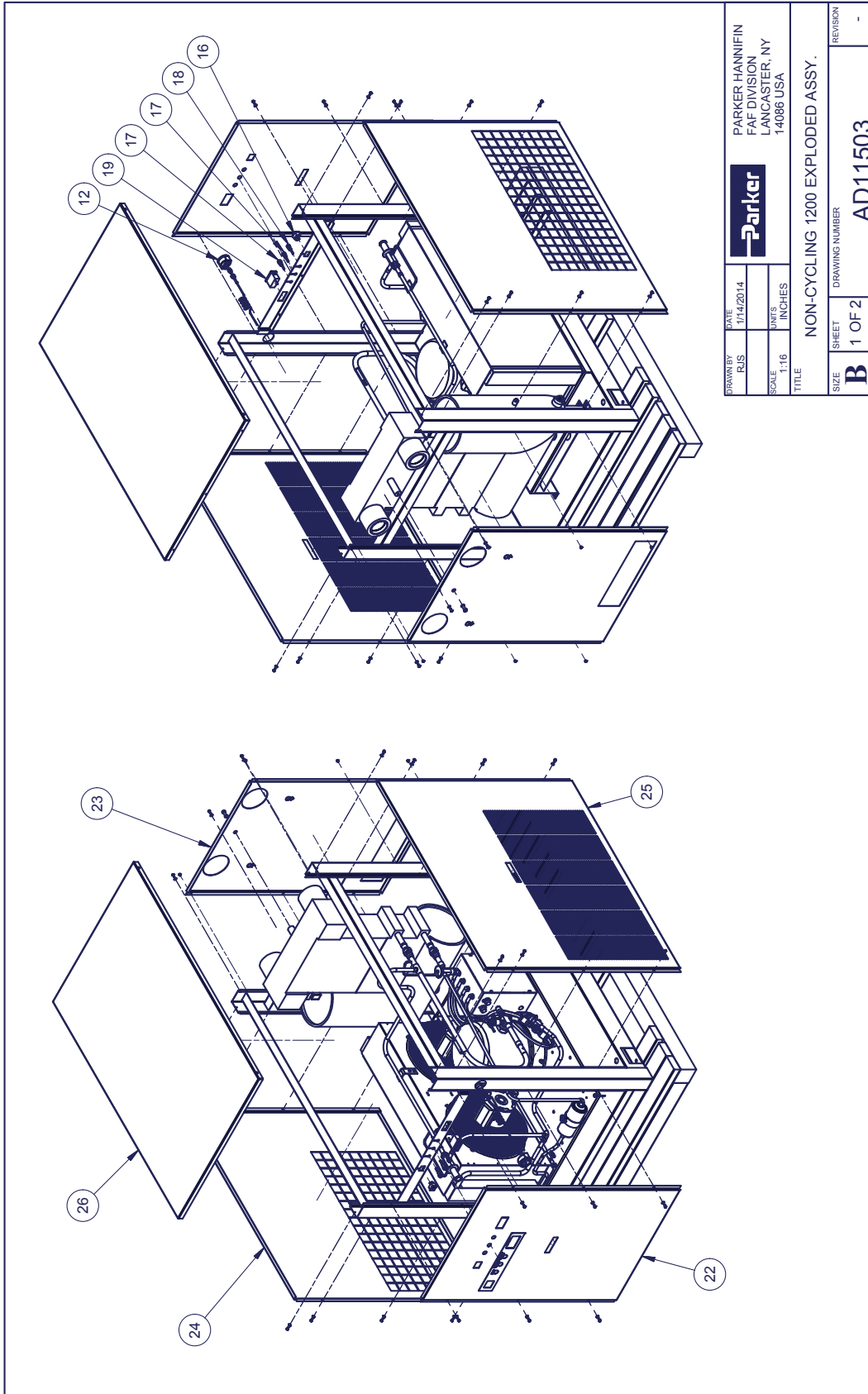




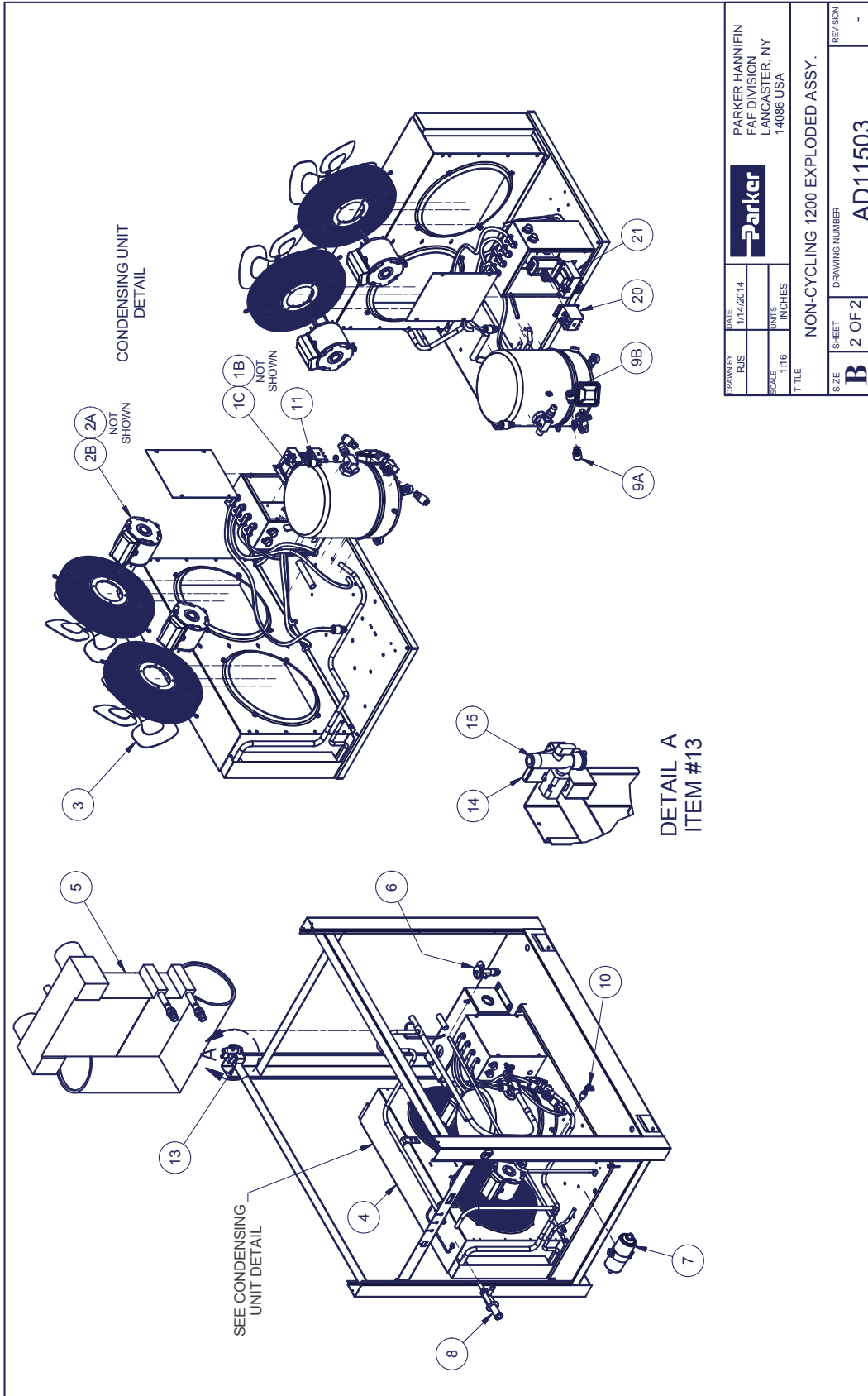
DRAWN BY RJS	DATE 1/14/2014	 PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA
SCALE 1:16	UNITS INCHES	
TITLE NON-CYCLING 1050 EXPLODED ASSY.		
SIZE <b>B</b>	SHEET DRAWING NUMBER 1 OF 2	REVISION AD11504 -



DATE	1/14/2014
DRAWN BY	RJS
SCALE	1:16
UNITS	INCHES
PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA	
TITLE NON-CYCLING 1050 EXPLODED ASSY.	
SIZE	SHEET
B	2 OF 2
DRAWING NUMBER AD11504	
REVISION -	



DRAWN BY RJS	DATE 1/14/2014	<b>Parker</b> PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA
SCALE 1:16	UNITS INCHES	
TITLE NON-CYCLING 1200 EXPLODED ASSY.		
SIZE <b>B</b>	SHEET DRAWING NUMBER 1 OF 2	REVISION AD11503 -



DATE	1/14/2014	 PARKER HANNIFIN FAF DIVISION LANCASTER, NY 14086 USA	
DRAWN BY	RJS		
SCALE	1:16		
	UNITS	INCHES	
TITLE			
NON-CYCLING 1200 EXPOSED ASSY.			
SIZE	SHEET	DRAWING NUMBER	REVISION
B	2 OF 2	AD11503	-

13. Warranty Registration



### WARRANTY REGISTRATION

**IMPORTANT! Mail or Fax (716-685-1010) Today!**

Fold and Seal and your Service Warranty will be registered immediately.  
We are here to help. For more information on service or installation call the Service Department at 1-855-587-9323.

Email to: [fafwarranty@parker.com](mailto:fafwarranty@parker.com)

Model # \_\_\_\_\_ Serial # \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State/Province \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone \_\_\_\_\_ Contact \_\_\_\_\_  
Title \_\_\_\_\_ Department \_\_\_\_\_  
Date Purchased \_\_\_\_\_ Date installed \_\_\_\_\_  
Purchased From \_\_\_\_\_

**COMMENTS**

Please indicate a response on a scale of (1) being the lowest to (5) being the highest

Condition of Arrival \_\_\_\_\_  
Ease of Installation \_\_\_\_\_  
Ease of Start-Up \_\_\_\_\_  
Product Quality \_\_\_\_\_  
Technical Assistance \_\_\_\_\_  
Clarity of Instruction/Warranty Manual \_\_\_\_\_

**FINAL OPERATION CHECK LIST**

Inlet air temperature is \_\_\_\_\_  
Inlet PSIG is \_\_\_\_\_  
The dew point temperature controller reads between \_\_\_\_\_ and \_\_\_\_\_  
Air compressor HP \_\_\_\_\_, or Max SCFM is \_\_\_\_\_  
Is the dryer a minimum of 3' from any structure on all sides?  
Yes No  
The Y strainer for drains has been cleaned after first 8 hours of operation Yes No

**What are your thoughts on the operation of the dryer?**

\_\_\_\_\_  
\_\_\_\_\_

**Why did you choose this manufacturer?**

\_\_\_\_\_  
\_\_\_\_\_

**What could we do better?**

\_\_\_\_\_  
\_\_\_\_\_

# Worldwide Filtration Manufacturing Locations

## North America

### Compressed Air Treatment

#### Industrial Gas Filtration and Generation Division

Lancaster, NY  
716 686 6400  
[www.parker.com/igfg](http://www.parker.com/igfg)

Balston  
Haverhill, MA  
978 858 0505  
[www.parker.com/balston](http://www.parker.com/balston)

### Engine Filtration

#### Racor

Modesto, CA  
209 521 7860  
[www.parker.com/racor](http://www.parker.com/racor)

Holly Springs, MS  
662 252 2656  
[www.parker.com/racor](http://www.parker.com/racor)

### Hydraulic Filtration

#### Hydraulic & Fuel Filtration

Metamora, OH  
419 644 4311  
[www.parker.com/hydraulicfilter](http://www.parker.com/hydraulicfilter)

Laval, QC Canada  
450 629 9594  
[www.parkerfarr.com](http://www.parkerfarr.com)

Velcon  
Colorado Springs, CO  
719 531 5855  
[www.velcon.com](http://www.velcon.com)

### Process Filtration

#### domnick hunter Process Filtration SciLog

Oxnard, CA  
805 604 3400  
[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

### Water Purification

#### Village Marine, Sea Recovery, Horizon Reverse Osmosis

Carson, CA  
310 637 3400  
[www.parker.com/watermakers](http://www.parker.com/watermakers)

## Europe

### Compressed Air Treatment

#### domnick hunter Filtration & Separation

Gateshead, England  
+44 (0) 191 402 9000  
[www.parker.com/dhfn](http://www.parker.com/dhfn)

#### Parker Gas Separations

Etten-Leur, Netherlands  
+31 76 508 5300  
[www.parker.com/dhfn](http://www.parker.com/dhfn)

#### Hiross Airtek

Essen, Germany  
+49 2054 9340  
[www.parker.com/hzfd](http://www.parker.com/hzfd)

Padova, Italy  
+39 049 9712 111  
[www.parker.com/hzfd](http://www.parker.com/hzfd)

### Engine Filtration & Water Purification

#### Racor

Dewsbury, England  
+44 (0) 1924 487 000  
[www.parker.com/rfde](http://www.parker.com/rfde)

#### Racor Research & Development

Stuttgart, Germany  
+49 (0)711 7071 290-10

### Hydraulic Filtration

#### Hydraulic Filter

Arnhem, Holland  
+31 26 3760376  
[www.parker.com/hfde](http://www.parker.com/hfde)

Urzala, Finland  
+358 20 753 2500

#### Condition Monitoring Parker Kittiwake

West Sussex, England  
+44 (0) 1903 731 470  
[www.kittiwake.com](http://www.kittiwake.com)

### Process Filtration

#### domnick hunter Process Filtration Parker Twin Filter BV

Birtley, England  
+44 (0) 191 410 5121  
[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

## Asia Pacific

### Australia

Castle Hill, Australia  
+61 2 9634 7777  
[www.parker.com/australia](http://www.parker.com/australia)

### China

Shanghai, China  
+86 21 5031 2525  
[www.parker.com/china](http://www.parker.com/china)

### India

Chennai, India  
+91 22 4391 0700  
[www.parker.com/india](http://www.parker.com/india)

### Parker Fowler

Bangalore, India  
+91 80 2783 6794  
[www.johnfowlerindia.com](http://www.johnfowlerindia.com)

### Japan

Tokyo, Japan  
+81 45 870 1522  
[www.parker.com/japan](http://www.parker.com/japan)

### Korea

Hwaseon-City  
+82 31 359 0852  
[www.parker.com/korea](http://www.parker.com/korea)

### Singapore

Jurong Town, Singapore  
+65 6887 6300  
[www.parker.com/singapore](http://www.parker.com/singapore)

### Thailand

Bangkok, Thailand  
+66 2186 7000  
[www.parker.com/thailand](http://www.parker.com/thailand)

## Latin America

### Parker Comercio Ltda. Filtration Division

Sao Paulo, Brazil  
+55 12 4009 3500  
[www.parker.com/br](http://www.parker.com/br)

### Pan American Division

Miami, FL  
305 470 8800  
[www.parker.com/panam](http://www.parker.com/panam)

## Africa

Aeroporto Kempton Park, South Africa  
+27 11 9610700  
[www.parker.com/africa](http://www.parker.com/africa)

