

model no:

SY116D, SY116P, SY126D,
SY126P, SY203D, SY203P,
SY216D, SY216P
SPYDER SERIES



WABASH VALLEY

46" ROUND, OCTAGON EXPANDED METAL ADA COMPLIANT
TABLES – INGROUND, PORTABLE & SURFACE MOUNT



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customer service:

ASSEMBLERS: If you find any parts missing or damaged, or if you're having difficulty assembling your furniture/equipment, call us at:

* Before calling, have your product model number available.

1-800-253-8619 (Inside U.S.A.)
260-352-2102 (Outside U.S.A.)
Monday thru Friday,
8:00 AM – 4:30 PM Eastern Time
(EXCEPT HOLIDAYS)

Any correspondence concerning our product should be sent directly to our Customer Service Manager at:

Wabash Valley Manufacturing, Inc.
505 E. Main Street
P.O.Box 5
Silver Lake, IN 46982 U.S.A.
FAX: 260-352-2160

maintenance:

Regular inspection and maintenance of all parts, and fasteners is necessary. Tighten all bolts and nuts. Inspect Tops, Seats, Legs, Braces and Fasteners periodically for wear or vandalism. Replace broken or worn parts immediately or take equipment out of service until repairs are made. Use genuine Wabash Valley replacement parts.

To restore plastisol coating to its luster after prolonged use, wash/rinse/dry and use Armor-All ® or similar quality vinyl protectant.

KEEP THIS ASSEMBLY/SPECIFICATION SHEET FOR FUTURE REFERENCE.

specifications:

NOTE: We reserve the right to change specifications without notice.

Heat fused poly-vinyl coating, finished on inner-metal structure, to an approximate 3/16" thickness. Framework assemblies are finished with powder coating; electrostatically applied and oven cured according to powder manufacturer's specifications. Fasteners are stainless steel to resist corrosion.

TOPS

Table tops use 3/4 #9 expanded metal and 12 gage sheet metal for perforated. The outside rails on the octagon top is 14 gage steel and the perimeter ring on the round top is 1/8" strip steel. Both top's mounting brackets are made of 1/4" flat bar. The support braces are made of 1/8" strip steel, the umbrella collar is 14 gage tubing.

SEATS

The seats use 3/4 #9 expanded metal and 12 gage sheet steel for the perforated. The outside rails on the 3' seats use 14 gage steel and the perimeter ring on the concave seats are 1/8" strip steel. The mounting brackets are 1/4" flat bar stock for both seats.

TABLE FRAME

The spyder legs are made of 12 gage x 2 7/8" od tubing. The brace mounting tab is 1/4" thick plate along with seat assembly mounting plate and female screw in attachment receiver. The 46" spyder leg uses a 1/4" flat bar for the mounting bracket, and the brace mounting tab is 7 gage plate. The surface mount screw in attachments are made of 1/4" x 6" plate steel with a 5/8" threaded stud. The inground screw in attachments are 12 gage x 2 7/8" tubing with a 1/4" insert and 5/8" threaded stud. The spyder cross brace is of 16 gage x 1 1/4" od tubing with a 12 gage x 2 3/8" od center piece. The mounting plate covers are cast aluminum. All tubing is galvanized.

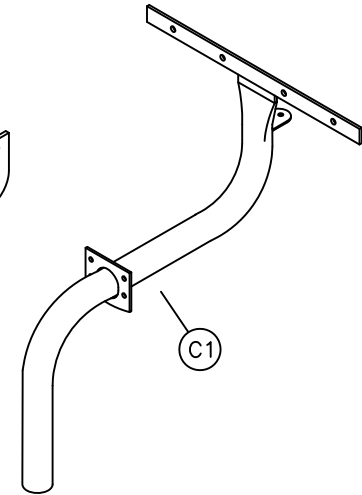
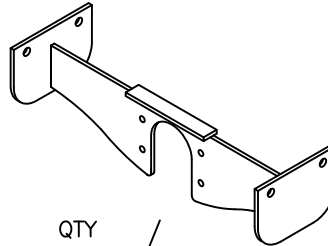
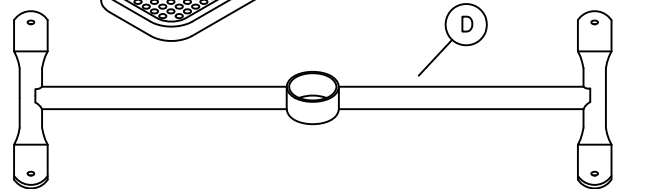
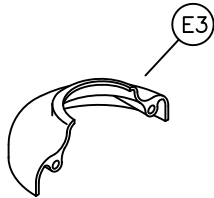
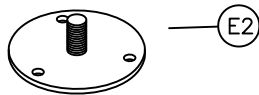
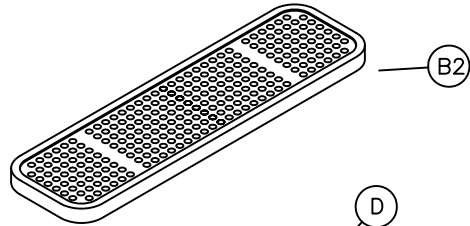
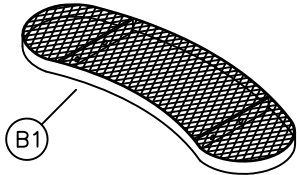
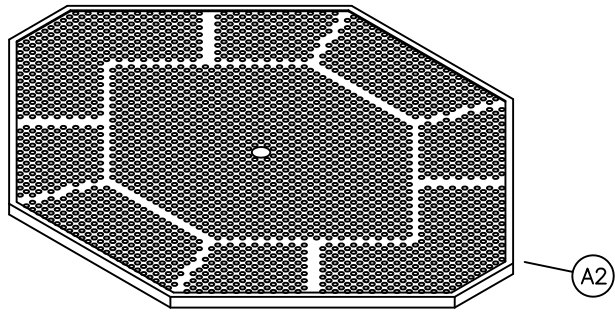
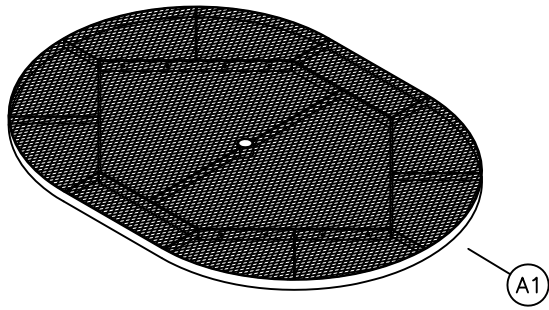
GENERAL

SY116D, SY203D, SY116P and SY203P ground space requirements are 71 13/16" x 88 13/16". It is 29 1/4" to the top of the table and 19 3/4" to the top of the seats for the portable/surface units and 29 3/16" to the top of the table and 19 3/16" to the top of the seats for the inground units.

SY126D, SY216D, SY126P and SY216P ground space requirements are 75 5/16" x 92 3/8". It is 29 3/16" to the top of the table and 19 3/4" to the top of the seats for the portable/surface units and 29" to the top of the table and 19 9/16" to the top of the seats for the inground units.

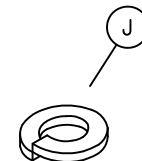
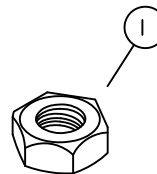
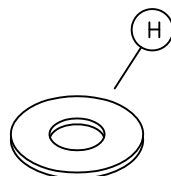
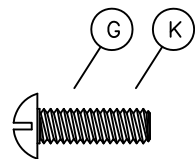
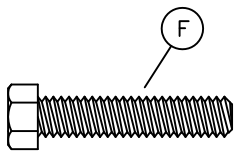
NOTE: When Umbrellas are used on Tables, the Umbrellas must be secured.
Wabash Valley Umbrellas include an Umbrella Collar for securing.

parts identification:



ITEM	PART#	DESCRIPTION	QTY
A1	7944	46" EXPANDED METAL ROUND ADA SPYDER TOP	1
A2	7945	46" EXPANDED METAL OCTAGON ADA SPYDER TOP	1
A3	7978	46" PERFORATED ROUND ADA SPYDER TOP	1
A4	7975	46" PERFORATED OCTAGON ADA SPYDER TOP	1
B1	7666	EXPANDED METAL CONCAVE SEAT	4
B2	7530R	3' EXPANDED METAL SEAT	4
B3	7998	PERFORATED CONCAVE SEAT	4
B4	8000	3' PERFORATED SEAT	4
C1	7206	46" SPYDER LEG	4
C2	7228	SPYDER LEG SEAT ASSEMBLY	4
D	7253	SPYDER ADA CROSS BRACE	1
E1	7219	INGROUND SCREW IN ATTACHMENT	4
E2	7256	SURFACE MOUNT SCREW IN ATTACHMENT	4
E3	7121	MOUNTING PLATE COVERS (OPTIONAL)	4

hardware identification:



ITEMS INCLUDED IN HARDWARE PACKAGE

ITEM	PART#	DESCRIPTION	#21061 QTY	#21101 QTY
F	17011	5/16-18 x 1 1/2" HEX HEAD BOLT - SS	48	0
G	17088	5/16-18 x 1" TRUSS HEAD MACHINE SCREW - SS	4	0
H	17028	3/8" FLAT WASHER - SS	100	0
I	17032	5/16-18 HEX FINISH NUT - SS	52	0
J	17050	5/16" SPLIT LOCK WASHER - SS	52	0
K	17052	1/4-20 x 1" MACHINE SCREW - SS	0	2

ASSEMBLY TOOLS REQUIRED

- 1 - REGULAR TIP SCREWDRIVER
- 2 - 1/2" WRENCHES
- 1 - 3' OR 6' LEVEL

assembly procedures:

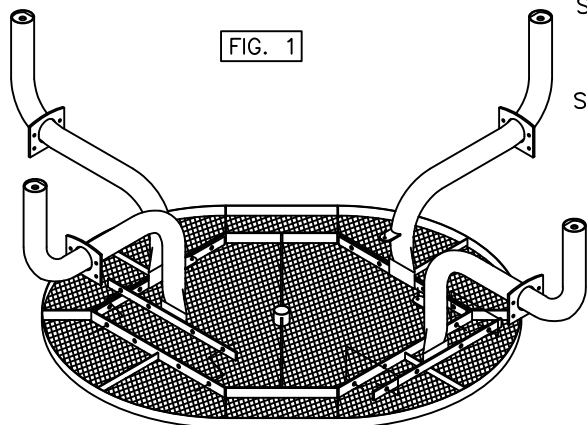
IMPORTANT: Assemblers should be reasonably skilled in the assembly of commercial grade/heavy duty fabricated steel equipment.

To ensure proper assembly, it is suggested that you take adequate time to locate and identify each part. To prevent scratching of the finished pieces, we recommend this unit to be assembled on a clean, flat, solid, surface with a drop cloth, allowing plenty of working room. Also please read the instructions and study the sketches very carefully. A little extra time spent before assembly will be well worth it in performing a complete, proper assembly. Please note that all parts have been precut and pre-drilled.

During the assembly process leave all bolts and nuts "finger tight", until the entire unit is completely assembled. This allows room for movement to level or adjust all seats, tops, benches, framework and braces if necessary. After final adjustment and leveling, permanently tighten all nuts, bolts and fasteners.

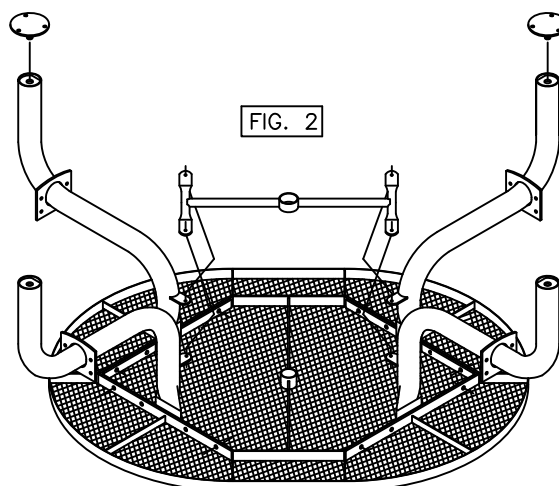
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46" SPYDER ADA TABLES

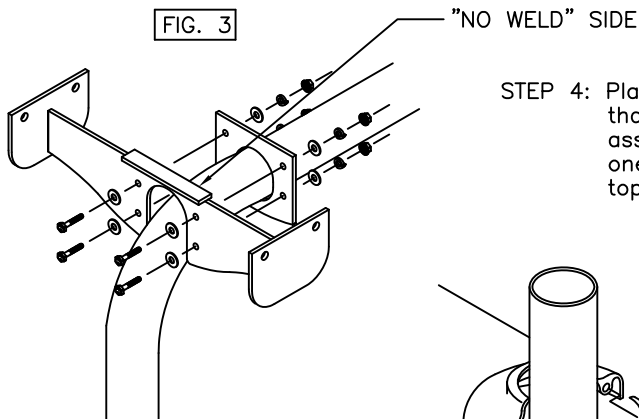


STEP 1: Invert top (A-) and secure spider legs (C1) to the inside of the top's mounting brackets using one (F), (I), (J) and two (H) per (F), see FIG. 1.

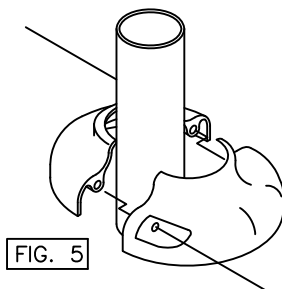
STEP 2: Attach spider ADA cross brace (D) to the inverted top side of the mounting tabs using one (G), (I), (J) and (H). Attaching the screw in attachments (E1 or E2), see FIG. 2. After all parts have been carefully rotate the table to its upright position.



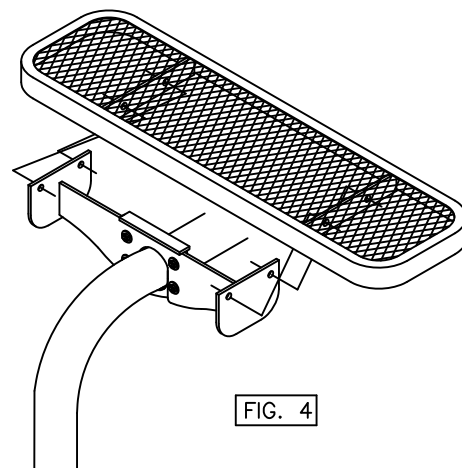
STEP 3: Secure the spider leg seat assembly (C2) to the outside of the the mounting bracket on the spider leg (C) using one (F), one (I), one (J) and two (H) per (F), see FIG. 3. NOTE: Be sure seat assembly is assembled to leg with "no weld" side against leg mounting plate.



STEP 4: Place the seat (B-) on the spider leg seat assembly (C1) so that the seat's mounting brackets are outside the seat assembly's mounting brackets, see FIG. 4. Secure using one (F), (I), (J) and two (H) per (F). Level all seats and top, and tighten with proper wrenches.



STEP 5; If mounting plate covers (E3) are used, place halves around legs and secure with 2 (K) screws, see FIG. 5. Draw to a snug fit being careful not to over tighten.

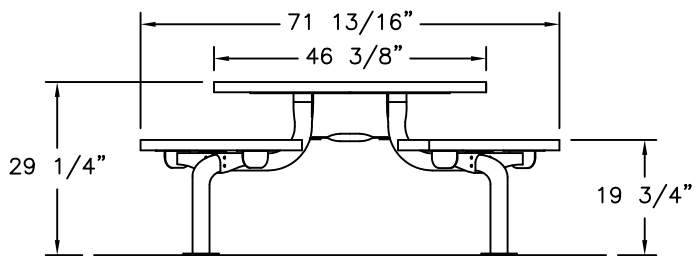
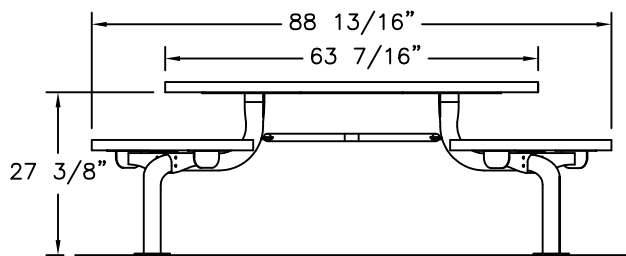
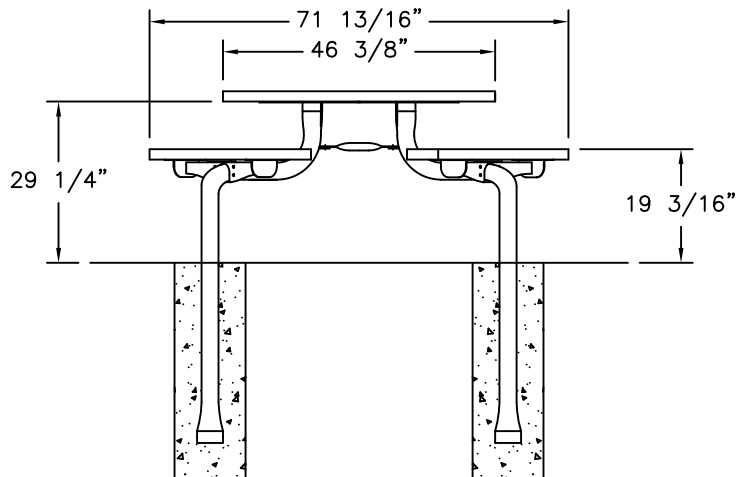
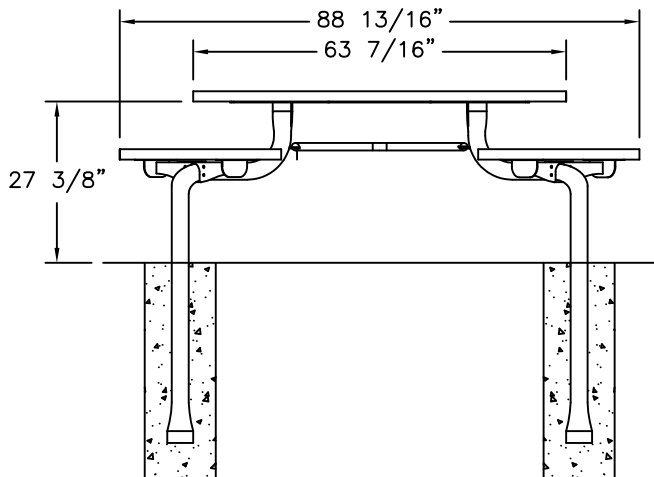


installation:

WARNING: The proper installation for Wabash Valley products may depend upon many factors unique to the site, location, or use of a particular product. Consult with your contractor or other professional to determine your specific installation requirements.

product dimensions:

46" ROUND ADA WITH CONCAVE SEATS



46" OCTAGON ADA WITH RECTANGULAR SEATS

