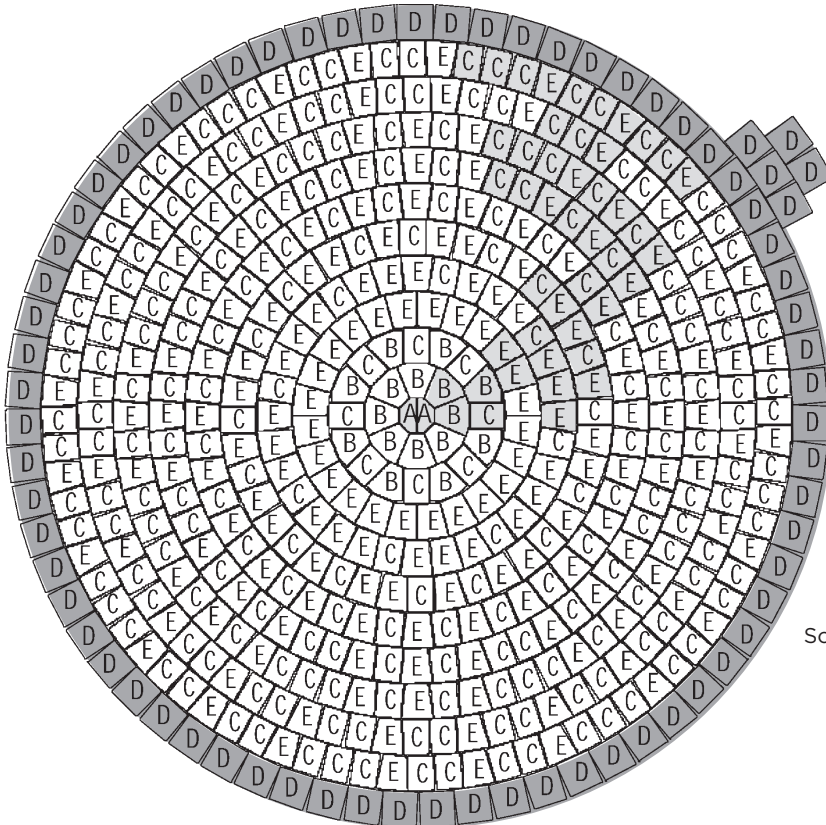


Installation Instructions

- Circle kit creates a 116.5 inch (9-foot 9-inch) diameter
- To expand diameter, add expansion kit or additional square pavers (sold separately).

Circle kit includes:



Included in kit

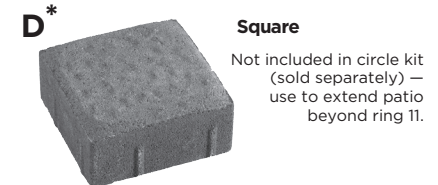
Sold separately as expansion kit or individual pavers

Installation GUIDE		Center Stone	Small Circle	3/4 Stone	Square	Large Circle	Pattern	Repeat Pattern	Total Paving Stones
Ring No.	Diameter of Circle	A	B	C	D*	E			
1	5.5"	2					AA	1 time	2
2	16.5"		8				BB	4 times	8
3	27.5"		8	8			BC	8 times	16
4	39"					24	EE	12 times	24
5	50"			8		24	CEEE	8 times	32
6	61.25"			16		24	CEECE	8 times	40
7	72.25"			24		24	CE	24 times	48
8	83.25"			32		24	CCECECE	8 times	56
9	94.25"			40		24	CCCECECE	8 times	64
10	105.25"			48		24	CCE	24 times	72
11	116.5"			56		24	CCCECCECE	8 times	80
12	127.5"				67		D*	67 times	67
13	138.5"				79		D*	79 times	79
14	149.5"				86		D*	86 times	86

Installation Tip:
Start at the center and repeat sequence in the chart.

D* - Square paver is not included in kit.

F** - Eight half stone spacers are included in kit but not shown in the circular diagram above; use it as needed in rings 5-10.



Installation Instructions

Materials List

Included in kit – see chart (reverse side) for number of A, B, C, E, F pavers

Installation Tools Needed

- tape measure
- string line
- stakes
- shovel
- paver base
- compactor
- two 8-foot 1-inch outside diameter pipes
- one 8-foot 2x4 board
- paver sand
- trowel
- edge restraint
- circular saw or tub saw (if needed)
- diamond blade
- carpenter's level

Call 811, Common Ground Alliance, to have utilities marked before starting your project.

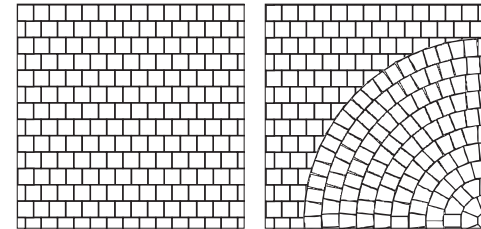
Read all instructions prior to installation.

- 1. Lay out project.** Begin by marking area with tape measure, string line and stakes. With a shovel, excavate the area 6 inches larger on all sides than the finished project size. For patios and walkways excavate 7 to 9 inches deep, 7 inches for well-draining soil conditions and 9 inches for poorly-draining soil conditions.
- 2. Create leveling pad.** Add paver base in 2-inch increments to excavated area and thoroughly compact with a plate compactor; repeat until the excavated area is filled with paver base (up to 2³/₄" to 3" below finished paver height). If abutting to house, the final grade should slope away from the house, dropping 1/4-inch per foot for drainage.
- 3. Screed sand.** Temporarily lay two 1-inch diameter pipes parallel on base, several feet apart. **For a circle patio, begin at the center of the circle and screed outward.** Spread 1 inch of sand over compacted base between pipes. Level sand by pulling a straight 8-foot 2x4 across the pipes several times until sand is smooth. Remove pipes and fill voids with sand, using a trowel to level sand. Repeat until base is covered with sand.

4. Lay pavers.

For a circle patio, start in the center of circle (A) and lay each ring according to the pattern (on reverse). Lay enough rings to be able to stand on, and then make a bridge using a sturdy plank to walk across previously screeded sand to center of pavers already laid. Continue to screed sand and lay pavers according to pattern until desired size is achieved.

To build a rectangular patio with square pavers from expansion kit, start at a 90-degree corner (nearest house, if applicable). Install edge restraint out from house at a 90-degree angle. Place edge restraint on top of compacted paver base and fasten with stakes. Lay a border course along edge. Continue laying pavers in the desired pattern.



If the desired pattern requires cutting, the pavers can be cut with a circular saw using a diamond blade designed for cutting concrete pavers or with a tub saw.

- 5. Install edge restraint.** Place edge restraint around entire project on top of base. Use trowel to remove sand from edge of pavers and push edge restraint up tight to the pavers and install according to the manufacturer's instructions.
- 6. Compact.** Compact the pavers with a plate compactor. Start from the outside, compact the border and continue until you reach the center of the paver area. One more pass is enough to set the pavers. Once compacted, spread paver sand over the surface and sweep into joints. Compact again to ensure all joints are completely full. Sweep any loose sand from surface.