

# Dome Installation

Please  
Read And  
Follow All  
Installation  
Instructions  
Carefully

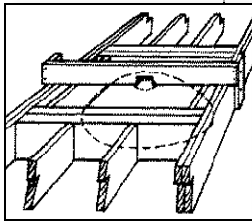


Figure 1

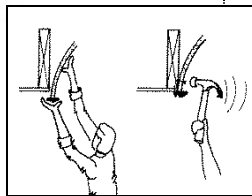


Figure 2

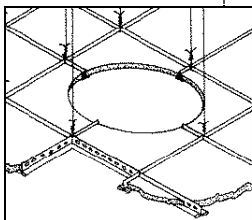


Figure 3

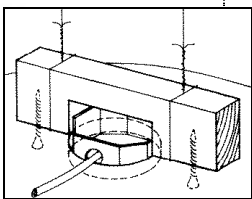


Figure 4

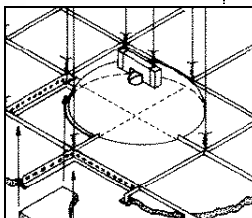


Figure 5

Pour instructions  
de pose, consultez  
votre distributeur

Voor verwerkingstips,  
zie uw groothandelaar

Für Gebrauchsanweisung,  
siehe Ihre Grosshandler

Consulta con su distribuidor por  
direcciones de instalación

## 1. Preparing the Ceiling

- Invert dome and trace on ceiling.
- For **domes with rims**, measure and mark the distance from the edge of the domes rim to the beginning of the curve. This is the cut line.
- For **rimless domes**, the tracing line is the cut line.

## 2. Cutting the Rough Opening

- **Frame and Wallboard Construction:** Cut wallboard and remove necessary sections of joist. Add as needed for support (*figures 1 & 2*): (1) framing members, (2) double members on each side and perpendicular to ceiling joist, (3) over the top to hold electrical box.
- **Lay-in or Suspended Ceilings:** Cut acoustical tiles and metal framework (*figure 3*). When in place, tiles will rest on the edge of the dome and framework.

## 3. Preparing the Dome

- Lightly sand dome surface.
- **Fiberglass domes:** drill hole for light fixture if needed:
  - holes less than 1/2" cut from front with metal cutting twist bit;
  - holes 1/2" to 2" cut from front with metal cutting hole saw;
  - holes 2" or more cut cut from back with reciprocating saw (*jig or sabre*)
- **Polyurethane Domes** can be drilled from the front side.
- **Frame and Wallboard Construction:**
  - **Fiberglass Domes:** Thread construction wire through metal straps on back of dome. Attach wires tightly to the overhead joist using screws (*figure 4*).  
**Note:** If you choose to drill through the dome, refill holes with Bondo then sand, or use fiberglass repair kit.
  - **Polyurethane Domes:** Insert screws through dome into wallboard or framing. Dome can be glued to ceiling using Focal Point Adhesive #33333.
- **Lay-in or Suspended Ceilings:**
  - **Fiberglass Domes:** Thread construction wire through straps; attach wires to suspended ceiling wires.
  - **Polyurethane Domes:** Use a wood block, into which the suspension wires are secured. Screw from the inside of the dome through the wood block that is positioned on the topside of the dome (*figures 4 & 5*).  
**Note:** Light fixture is supported by the framing, not by the dome.

## 4. Final Touch-Up

- Sand surface of dome; paint with high quality paint. **Do Not** use lacquer paints.
- Caulk where dome meets the ceiling.
- If using Wesley Rimless dome, standard drywall techniques apply.

### Important Information

See Installation Guide Chart on back of this sheet for specific size information.

# Dome Size Guide

## Wilton • Rondel • Wesley Rimless

Product Number	Inside Diameter	Outside Diameter	Rough Opening	Rough Opening Depth	Depth Interior	Medallion Size
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### Wilton Dome (Round or Elliptical)

98520	35-7/8"	40-1/4"	36-1/2"	7-1/4"	7"	12"
98530	59-3/4"	65-1/8"	60-3/4"	12-3/4"	12-1/2"	18"
98540	83-3/4"	89-1/4"	84-3/4"	14-3/4"	14-3/8"	24"
98560	35" x 48"	41" x 54"	35-1/2" x 48-1/2"	7-1/2"	8"	12"
98570	52-3/4" x 72"	58-3/4" x 78"	54" x 73-1/2"	10-1/4"	10"	18"

### Rondel Dome (Round or Elliptical)

98523	35-1/2"	41-7/8"	36-1/2"	7-1/4"	7"	12"
98533	59-3/4"	65-3/4"	60-3/4"	12-3/4"	12-1/2"	18"
98563	35" x 48"	41" x 54"	35-1/2" x 48-1/2"	7-1/2"	8"	12"
98573	52-3/4" x 72"	58-3/4" x 78"	54" x 73-1/2"	10-1/4"	10"	18"

### Wesley Rimless Dome (Round)

98525	35-3/4"	35-7/8"	36"	7-1/4"	7"	12"
98535	59-3/4"	60"	60-1/4"	12-3/4"	12-1/2"	18"
98545	83-3/4"	84"	84-3/4"	14-3/4"	14-1/2"	24"

## Products 98580 & 98590

Product Number	Inside Diameter	Outside Diameter	Rough Opening	Rough Opening Depth	Depth Interior
98580	36" x 27"	44-1/2" x 35-1/2"	41-1/2" x 32-1/2"	3-7/8"	3-1/4"
98590	21"	27"	24-1/4"	3-7/8"	3-1/4"



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