

Home Fire Sprinkler Display Guide



**A COMPLETE GUIDE
TO BUILDING
AND USING
A NFPA 13D DISPLAY
TO EDUCATE
YOUR COMMUNITY**

**USE THIS KIT TO CUSTOMIZE THE HOME FIRE SPRINKLER DISPLAY
TO MATCH THE REQUIREMENTS IN YOUR JURISDICTION.**

Home Fire Sprinkler Display Guide

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INTRODUCTION

The Home Fire Sprinkler Display Kit contains instructions for building a portable display that shows the inner workings of an NFPA 13D home fire sprinkler system and various sprinkler options. It can be customized to match local system requirements. Refer to page 16 for ideas on using the display to improve home fire sprinkler awareness in your community.

The display can be constructed by personnel with moderate to good carpentry skills. Riser installation should only be done by an qualified home fire sprinkler installer.

The nonprofit Home Fire Sprinkler Coalition (HFSC) is a 501(c)(3) charitable educational organization and the leading resource for independent, noncommercial information about residential fire sprinklers. HFSC was formed in 1996 in response to the tremendous need to inform the public about the life-saving value of home fire sprinkler protection.



Development of this kit was funded through a grant from State Farm. HFSC thanks AGF Manufacturing and the Northern

Illinois Fire Sprinkler Advisory Board for technical assistance.

StateFarm



DISPLAY MATERIALS YOU'LL NEED

Tools Needed:

Drill with Drive Bit Matching the Screws

Speed Square

Miter Saw

12" Adjustable Wrench

#2 Philips Screwdriver

Tape Measure

Clamps

Circular Saw

Hole Saw – 2 1/4"

Hole Saw – 1 3/4"



Optional Tools:

Drill with 1/8" Bit for Pre-Drilling Holes

Corner Clamp

Straps

Jig Saw



Materials:

(1) 4x8 Sheet of 1/2" Dry Wall or Azek (Azek Recommended)

#8 Screws, 3" and 1 3/4" Lg.

(6) 8' 2x4

(7) 8' 2x6

(3) Casters under 4" in total height McMaster-Carr P/N: 2407T74 or equivalent

1/2" PVC Pipe, 4' Long

1" Copper Pipe, 3' Long



FRAME CONSTRUCTION OVERVIEW



Construction of the display frame starts with cutting the individual components to the correct length and angles. The components are then assembled into a Short Wall, Long Wall, and the Ceiling. Finally, the three pieces are assembled into the display frame.

In addition, there are flat panels that simulate the home's drywall. These panels can be either square cut or curved cut depending on preference.

Optional HVAC duct work can be added, particularly if the mounting of a fire sprinkler alarm is to be demonstrated.



FRAMING

Support Wall (Short Wall)

Cut List:

Item	Qty.	Material	Description
#1	2	2x4	Plates – 32" Lg.
#2	4	2x4	Studs – 65½" Lg.

Step 1: Using the measurements in Fig. 1, mark the stud locations on the top and bottom plates.

Step 2: Following Fig. 1 measurements, lay out the plates and studs.

NOTE: When laying out make sure the studs are on the proper side of their measurement lines.



Step 3: Using two 3" screws at every joint, attach the studs to the plates.

NOTE: To ensure each joint is square, use a corner clamp or speed square (as shown).

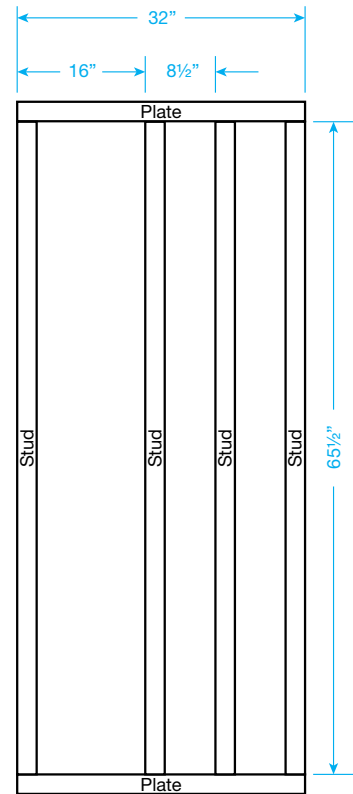


Fig. 1

Component Wall (Long Wall)

Cut List:

Item	Qty.	Material	Description
#3	2	2x6	Plates – 44½" Lg.
#4	4	2x6	Studs – 65½" Lg.

Step 1: Using the measurements in Fig. 2, mark the stud locations on the top and bottom plates.

Step 2: Following Fig. 2 measurements, lay out plates and studs.

NOTE: When laying out make sure the studs are on the proper side of their measurement lines.

Step 3: Using two 3" screws at every joint, attach the studs to the plates.

NOTE: To ensure each joint is square, use a corner clamp or speed square.

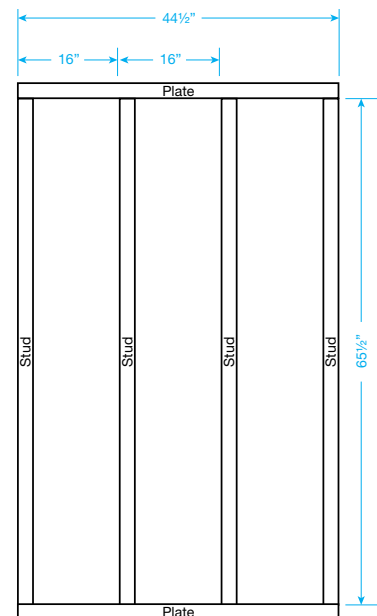


Fig. 2



ATTACHING THE COMPONENTS



Attaching the Component Wall (Long Wall) to the Support Wall (Short)

Cut List:

Item	Qty.	Material	Description
#5	1	2x6	Support with 59° & 31° Angles* – 51 ¹³ / ₁₆ " Lg.

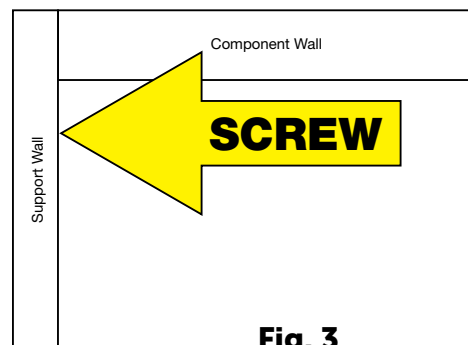


Fig. 3

Step 1: Referring to Fig. 3, butt the Component Wall (Long) up against the Support Wall (Short) at a 90° angle and secure using 3" screws.

Step 2: Attach the Support (Item #5) using two 3" screws at each joint.

Ceiling

Cut List:

Item	Qty.	Material	Description
#6	2	2x6	Joist – 29" Lg.
#7	1	2x6	Plate – 4" Lg.
#8	1	2x6	Plate – 48" Lg.
#9	1	2x6	Joist – 14 $\frac{1}{16}$ " Lg. with 65° Angle*
#10	1	2x6	Joist – 21 $\frac{9}{16}$ " Lg. with 65° Angle*
#11	1	2x6	Joist – 9 $\frac{3}{4}$ " Lg. with 58° Angle*
#12	1	2x6	Plate – 48 $\frac{5}{8}$ " Lg. with 58° & 65° Angles*

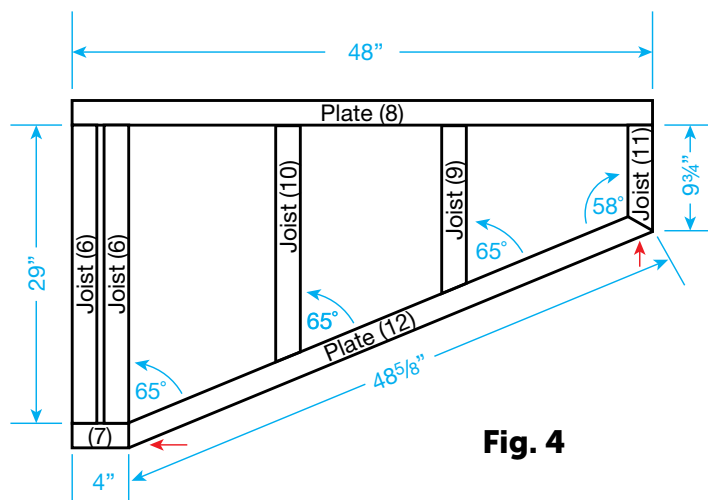


Fig. 4

Step 1: Following Fig. 4, assemble the perimeter of the ceiling (Items #6, #7, #8, #11, & #12).

Then, secure outer joists to the plates using two 3" screws at every joint.

NOTE: Pre-drilling pilot holes for the screws is recommended at locations marked on Fig. 4 (marked in red).

*A table saw is recommended for the angle cuts.



Step 2: Attach the inner joist (Item #6) with two 3" screws at each joint. This will help square the ceiling frame.

NOTE: A Strap, shown in Fig. 5, can also be used to help keep the frame square.

Step 3: To figure out the location for the ceiling's inner joists (Items #9 & #10, shown in Fig. 4) so they'll align with the Component Wall's studs, measure the distance of the Component Wall's studs from outer stud in.

Step 4: Mark the location for the inner joists by measuring from the outer joist in. Then, attach the inner joists to the ceiling using two 3" screws at each joint.

Attaching the Ceiling to the Component and Support Walls

Step 1: Place the ceiling on top of the Component and Support Walls.

NOTE: If needed, use a strap to pull the walls square before finishing assembly (Fig. 5).

Step 2: Using 3" screws attach the ceiling to the walls by drilling up through the wall plates into the ceiling plates.

Attaching the Casters

Step 1: Flip the frame onto the component wall and attach a Caster to each corner using 1 $\frac{3}{4}$ " screws (Fig. 6).

NOTE: If Locking Casters are used ensure lock can be accessed before attaching to frame.



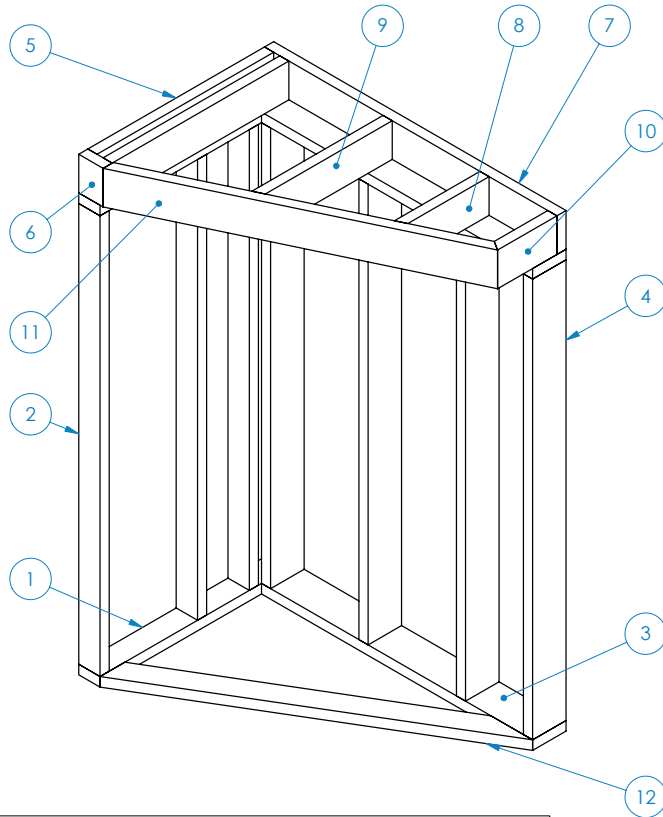
Fig. 5



Fig. 6

ATTACHING THE COMPONENTS cont'd

ITEM NO.	QTY.	DESCRIPTION	LENGTH
1	2	STUD, 2 X 4	32"
2	4	STUD, 2 X 4	65 1/2"
3	2	STUD, 2 X 6	44 1/2"
4	4	STUD, 2 X 6	65 1/2"
5	2	STUD, 2 X 6	29"
6	1	STUD, 2 X 6	4"
7	1	STUD, 2 X 6	48"
8	1	STUD, 2 X 6	14 1/16"
9	1	STUD, 2 X 6	21 9/16"
10	1	STUD, 2 X 6	9 3/4"
11	1	STUD, 2 X 6	48 5/8"
12	1	STUD, 2 X 4	51 13/16"




UNLESS OTHERWISE SPECIFIED
 - DIMENSIONS ARE IN INCHES
 - SURFACE FINISH IN $\mu\text{in Ra}$
 - ANGLES $\pm 1^\circ$
 - REMOVE ALL SHARP EDGES, 0.010 MAX

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DRAWN	BFG	DATE	08MAY2019	SHEET	1 of 3	TITLE FRAMING		
REV'D		DATE		SCALE	1:16			
APPR'D		DATE		WEIGHT	80.14 lbs.			
MATERIAL		Pine		PROJECTION		SIZE	PART/DRAWING NO.	REV
FINISH						A	AGF-T166.10	0



SPRINKLER FITTING

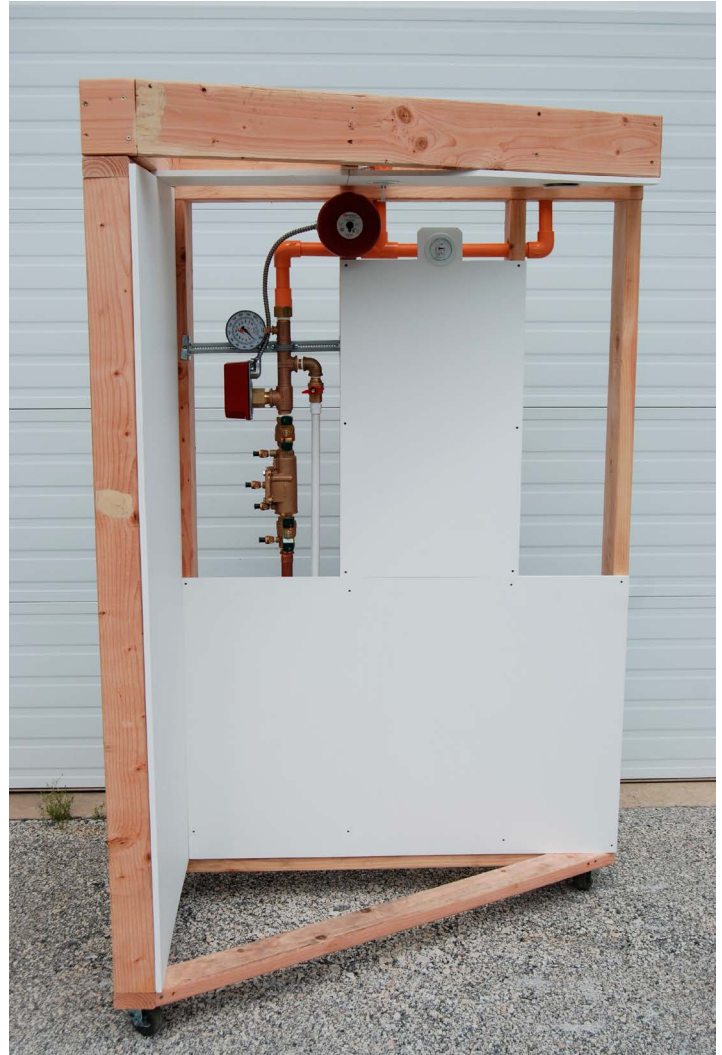
SPRINKLER FITTING

*NOTE: All connections will be dry fit. No glue is required. **DO NOT** drill ahead of time. Drill holes as you progress to ensure proper alignment.*

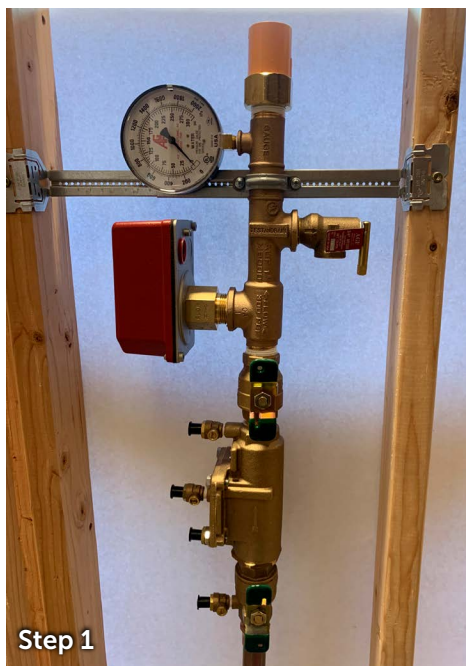
IMPORTANT: Actual pipe lengths may vary from the chart depending on your stud placement. Measure and cut CPVC pipe based on measurements as you progress.

Cut List:

Item	Qty.	Material	Description
#1	1	CPVC	Pipe – 3¾" Lg.
#2	1	CPVC	Pipe – 7½" Lg.
#3	1	CPVC	Pipe – 4¼" Lg.
#4	1	CPVC	Pipe – 8½" Lg.
#5	1	CPVC	Pipe – 7½" Lg.
#6	1	CPVC	Pipe – 6¼" Lg.
#7	1	CPVC	Pipe – 5½" Lg.
#8	1	CPVC	Pipe – 7¾" Lg.



MOUNTING THE RISERPACK



Mounting the RISERPACK and Backflow Preventer

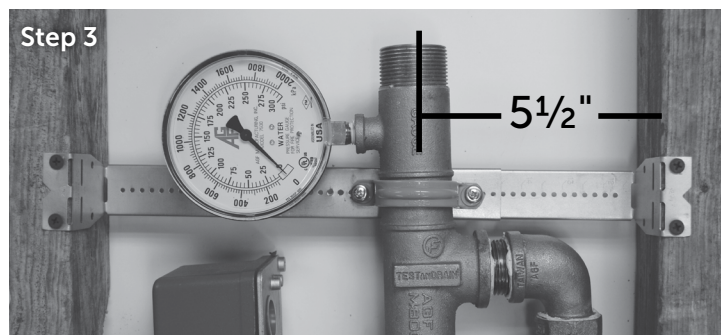
Step 1: Attach the RISERPACK to the Backflow Preventer.

NOTE: Align so the gauge of the RISERPACK and the valve handles of the Backflow Preventer will face out of the stud cavity.

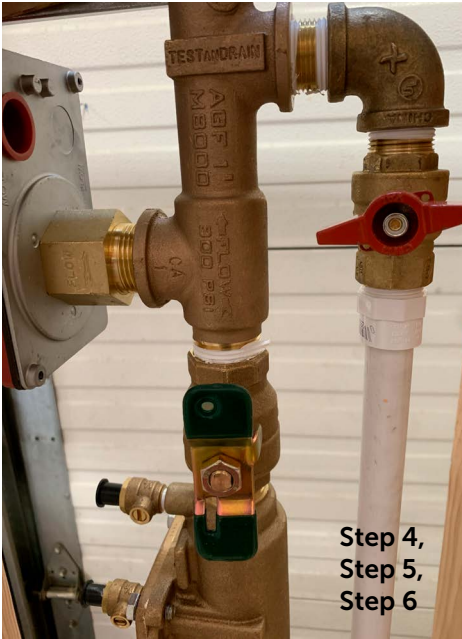
Step 2: Bend the flanges of the bracket on the outer most mark so the bracket is 2½" deep. Then, attach the bracket 12½" from the top of the stud cavity using 1¾" screws.



Step 3: Using the pipe clamp and screws provided, attach the RISERPACK and the Backflow Preventer to the bracket so their centerline is 5½" away from the right stud.



MOUNTING THE RISERPACK cont'd



Step 4: Attach a copper pipe adapter to the bottom of the Backflow Preventer and use an adjustable wrench to tighten.

Step 5: Attach the $\frac{3}{4}$ " PVC adapter to the drain valve on the side of the RiserPACK and use an adjustable wrench to tighten.

Step 6: Measure from the copper pipe adapter on the bottom of the Backflow Preventer to the wall plate and cut a piece of copper pipe to length. Then, measure from the PVC adapter on the RISERPACK drain valve to the wall plate and cut a piece of PVC to length.

Step 7: Drill two holes in a scrap piece of 2x4 so the copper pipe and PVC pipe lengths will fit inside.

Step 8: Attach the copper and PVC pipe lengths to their respective adapters and fit inside holes on scrap piece of 2x4. Attach scrap 2x4 to wall plate using two 3" screws.

NOTE: This will help stabilize the display.



ASSEMBLING THE SPRINKLER PIPING



Step 1: Attach the CPVC to NPT adapter to the top of the RISERPACK and tighten using an adjustable wrench.

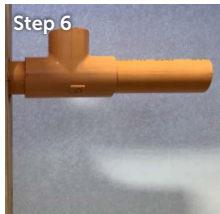
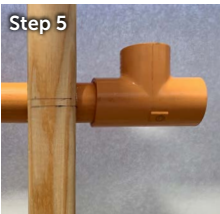
Step 2: Fit Pipe #1 into the CPVC adapter on the top of the RISERPACK.



Step 3: Fit a 90° elbow onto Pipe #1 and direct it to the right. Using the elbow as a guide, drill a 1¾" hole into the stud it faces.

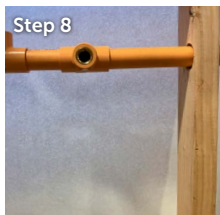
NOTE: Its center should be 4½" from the top wall plate and 1¾" from the front of the stud.

Step 4: Fit Pipe #2 into the elbow through the hole in the stud.



Step 5: Fit a "T" onto the end of Pipe #2 with the branch of the "T" facing up.

Step 6: Fit Pipe #3 into the horizontal end of the "T" fitting.



Step 7: Fit a "T" with threaded branch onto the end of Pipe #3 with the threaded branch facing out of the stud cavity.

Step 8: Drill a 1¾" hole through the next stud using the horizontal pipe as a guide. Insert Pipe #4 through the hole and into the "T" fitting. *NOTE: Make sure the pipe is level.*



Step 9: Fit a 90° elbow onto the end of Pipe #4 and direct it up.

Step 10: Using the "T" at the end of Pipe #2 as a guide, drill a 1¾" hole into the wall plate above it. Then, fit Pipe #5 through the wall plate and into the "T" fitting. *NOTE: Its center should be 2¼" from the joist and 1¾" from the front of the plate.*



Step 11: Fit a 90° elbow onto the top of Pipe #5 facing into the display.

Step 12: Fit Pipe #6 into the elbow fitting.

NOTE: The center of Pipe #6 should be about 2" from the bottom of the joist. If not, adjust the elbow or the length of Pipe #5 to ensure it is at the proper height.



ASSEMBLING THE SPRINKLER PIPING cont'd



Step 13: Secure Pipe #6 to the joist using a metal pipe bracket and two 1 $\frac{3}{4}$ " screws.

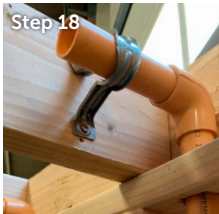
NOTE: Make sure the Pipe #6 is level.

Step 14: Fit a threaded 90° elbow onto the end of Pipe #6.



Step 15: Using the elbow on the end of Pipe #4 as a guide, drill a 1 $\frac{3}{4}$ " hole into the wall plate above it. Then, fit Pipe #7 through the wall plate and into the elbow fitting. *NOTE: Its center should be 2 $\frac{1}{4}$ " from the joist and 1 $\frac{3}{4}$ " from the wall plate.*

Step 16: Fit an 90° elbow onto the end of Pipe #7 with the outlet facing into the display.



Step 17: Fit Pipe #8 into the elbow. *NOTE: The center of Pipe #8 should be 3 $\frac{1}{4}$ " from the bottom of the joist. If not, adjust the elbow fitting or the length of Pipe #7 to ensure it is at the proper height.*

Step 18: Secure Pipe #8 to the joist using a metal pipe bracket and two 1 $\frac{3}{4}$ " screws.



Step 19: Fit a threaded 90° elbow onto the end of Pipe #8.

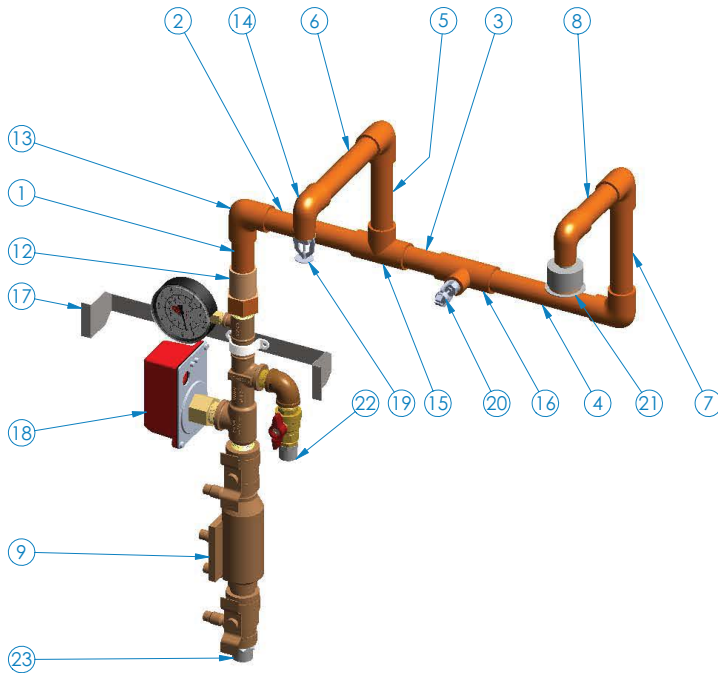


ASSEMBLING THE SPRINKLER PIPING cont'd

ITEM	VENDOR PART NUMBER	DESCRIPTION	QTY.*	Total for Kits (Qty. 5)	AGF STOCK	MIN. NEEDED for 5 Kits	VENDOR
1	1PIPE	PIPE, 1", CPVC	(5) 16"	(25) 16"	40	40'	Viking
2	007M1QT	VALVE, DOUBLE CHECK	1	5	4	1	Watts
3	06419AM/W	ESCUTCHEON, ADJUSTABLE, 1/2"	2	10	10	0	Viking
4	13642MA/W	COVER, CONCEALED, LARGE, WHITE	1	5	5	0	Viking
5	5003BI-010	ADAPTER, 1" FNPT X CPVC	1	5	5	0	Viking
6	5007	ELBOW, 90, 1", CPVC	4	20	20	0	Viking
7	5007-3-S-BI	ELBOW, SPRINKLER, 1/2", CPVC	2	10	10	0	Viking
8	5011	TEE, 1", CPVC	1	5	5	0	Viking
9	5012-S-BI	TEE, SPRINKLER, CPVC	1	5	5	0	Viking
10	8025	KIT, M8000, STUD MOUNT, 16"	1	5	5	0	Viking
11	810xD	M8000 1" Residential RiserPACK NO ORIFICE ADPTER	1	5		5	AGF
12	VK468	SPRINKLER, PENDENT, RESIDENTIAL	1	5	5	0	Viking
13	VK486	SPRINKLER, SIDEWALL, RESIDENTIAL	1	5	5	0	Viking
14	VK494	SPRINKLER, CONCEALED, RESIDENTIAL	1	5	5	0	Viking
15	AGF-T166.03	ADAPTER, 1/2" PVC X 3/4" MNPT	1	5	5	0	Homedepot
16	AGF-T166.04	ADAPTER, 1" F COPPER PIPE X 1" MNPT	1	5		5	Homedepot
17	1750070	BELL, AC POWER	1	5	1	4	Potter
18		Mounting Accessories for Signaling Devices	1	5	1	4	Potter
19	26270	CONNECTOR, ELECTRICAL, SET SCREW, 1/2"	1	5	5	0	Homedepot/ Hallexco
20	91109	CONNECTOR, ELECTRICAL, 90, 1/2"	1	5	5	0	Homedepot/ Hallexco
21	6730T21	CABLE, ARMORED BUILDING	24"	120"	120	0	McMaster-Carr
22	3311T62 SOSR100	STRAP, STANDOFF, PIPE, 1"	2	10	10	0	McMaster-Carr/ Caddy
23		HEX KEY, FLOW SWITCH	1				POTTER
* Quantity for Each Kit							



ASSEMBLING THE SPRINKLER PIPING cont'd



ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1PIPE	PIPE, 1", CPVC, 3-3/4" Lg.	1
2	1PIPE	PIPE, 1", CPVC, 7-1/2" Lg.	1
3	1PIPE	PIPE, 1", CPVC, 4-1/4" Lg.	1
4	1PIPE	PIPE, 1", CPVC, 8-1/2" Lg.	1
5	1PIPE	PIPE, 1", CPVC, 7-1/2" Lg.	1
6	1PIPE	PIPE, 1", CPVC, 6-1/4" Lg.	1
7	1PIPE	PIPE, 1", CPVC, 5-1/2" Lg.	1
8	1PIPE	PIPE, 1", CPVC, 7-3/4" Lg.	1
9	007M1QT	VALVE, DOUBLE CHECK	1
10	06419AM/W	ESCUTCHEON, ADJUSTABLE, 1/2" (NOT SHOWN)	2
11	13642MA/W	COVER, CONCEALED, LARGE, WHITE (NOT SHOWN)	1
12	5003BI-010	ADAPTER, 1" FNPT X CPVC	1
13	5007	ELBOW, 90, 1", CPVC	4
14	5007-3-S-BI	ELBOW, SPRINKLER, 1/2", CPVC	2
15	5011	TEE, 1", CPVC	1
16	5012-S-BI	TEE, SPRINKLER, CPVC	1
17	8025	KIT, M8000, STUD MOUNT, 16"	1
18	810XD	M8000 1" Residential RiserPACK Threaded	1
19	VK468	SPRINKLER, PENDENT, RESIDENTIAL	1
20	VK486	SPRINKLER, SIDEWALL, RESIDENTIAL	1
21	VK494	SPRINKLER, CONCEALED, RESIDENTIAL	1
22	AGF-T166.03	ADAPTER, 1/2" PVC X 3/4" MNPT	1
23	AGF-T166.04	ADAPTER, 1" F COPPER PIPE X 1" MNPT	1

UNLESS OTHERWISE SPECIFIED
 - DIMENSIONS ARE IN INCHES
 - SURFACE FINISH IN $\mu\text{in Ra}$
 - ANGLES $\pm 1^\circ$
 - REMOVE ALL SHARP EDGES, 0.010 MAX

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DRAWN	BFG	DATE	14JUN2019	SHEET	1 of 1
REV'D		DATE		SCALE	1:30
APPR'D		DATE		WEIGHT	
MATERIAL	VARIOUS			PROJECTION	
FINISH					

TITLE	HFSC DISPLAY, SPRINKLER PLUMBING	
SIZE	A	PART/DRAWING NO.
		AGF-T166.100
REV	1	



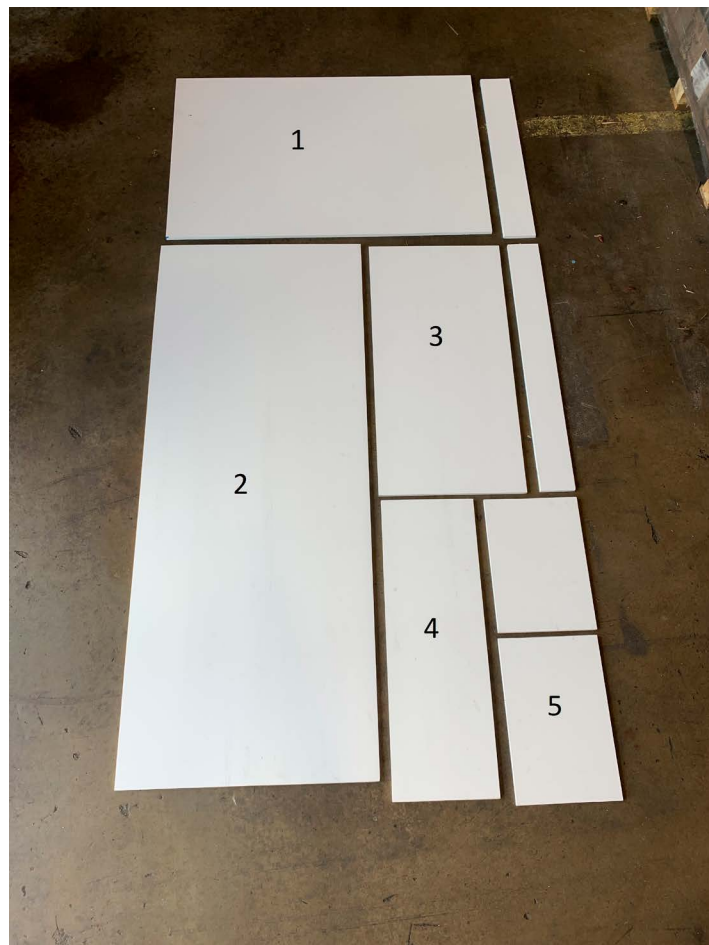
FINISHING

IMPORTANT: Cut list can be made from a single 4' x 8' sheet (see image).

Cut List:

Item	Qty.	Material	Description
#1	1	Azek or Drywall	Sheet – 19½" x 44"
#2	1	Azek or Drywall	Sheet – 26½" x 66½"
#3	1	Azek or Drywall	Sheet – 17½" x 33½"
#4	1	Azek or Drywall	Sheet – 10 ⁷ / ₈ " x 31 ⁷ / ₈ "
#5	1	Azek or Drywall	Sheet – 16½" x 10 ⁷ / ₈ "

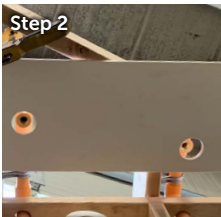
NOTE: Test fit all panels using clamps.





Ceiling Panels

Step 1: Make sure Panels #4 & #5 are centered under the threaded elbows for the sprinkler heads, and leave 3" between the back wall and Panels #4 & #5 so the piping can be seen. *NOTE: On Panel #4 mark the portion that hangs over so you can trim it later.*



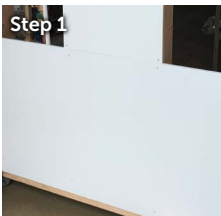
Step 2: Locate where the sprinkler heads will come through Panel #4, and drill holes using a 2 1/4" hole saw. Then, trim the panel and attach it to the joists using 1 3/4" screws.

Step 3: Attach Panel #5 to the joists using 1 3/4" screws.



Support Wall (Short) Panel

Step 1: Attach Panel #2 using 1 3/4" screws.



Component Wall (Long) Panels

Step 1: Attach Panel #1 to the bottom of the component wall using 1 3/4" screws.

Step 2: Clamp Panel #3 to the center stud cavity, and mark the location of the sprinkler head. Then, drill a hole using a 2 1/4" hole saw. Trim the top of Panel #3 so the horizontal piping is visible and there is a 1" border around the hole for the sprinkler head. Then, attach Panel #3 using 1 3/4" screws. *NOTE: Make sure the sprinkler's hole is centered over the threaded "T" fitting.*



Step 3: Attach the small portion of the escutcheon to the pendant and the side wall sprinkler.

Step 4: Hand tighten the sprinklers into the locations indicated.

- A. Pendant
- B. Concealed
- C. Sidewall (Make sure it's level)



Step 5: Install the second part of escutcheon over the pendant and sidewall sprinkler and install the concealed sprinkler head cover.

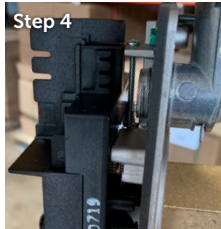




Bell Installation

Step 1: Remove the bell from the black mounting box by un-threading the center screw. Then, attach the black mounting box to the red junction box using the screws provided.

Step 2: Mount the box to the stud between the RISERPACK and the sprinkler head located in the ceiling using two 1 $\frac{3}{4}$ " screws.



Step 3: Attach the bell to the mounting box.

Step 4: Remove the red cover from the flow switch on the RISERPACK using the anti-tamper allen key and attach conduit elbow to housing.



Step 5: Thread the conduit fitting into the bell box, and tighten one end of the conduit into the fitting.

Step 6: Run the conduit from bell box to the flow switch, and cut the conduit to length. Then, tighten conduit into the fitting on the flow switch.



Step 7: Replace the flow switch cover.



SIGNAGE INSTALLATION

Place the signs on the appropriate components using zip ties or double stick tape. Local fire departments can create and post their own sign that includes their contact information: Fire Department name and logo, address, phone number, email address, website address, QR Code, etc.

Sign List:

- Concealed Pendant Sprinkler
- Concealed Sidewall Sprinkler
- Pendant Fire Sprinkler
- Sidewall Sprinkler
- 6" Inside Alarm Bell (NFPA 13D Option)
- Spare Fire Sprinkler Box (optional)
- Water Flow Switch (NFPA 13D Option)
- Fire Sprinkler Pipe
- Inspector Test Valve
- HVAC Duct Work (optional)
- Backflow Preventer (NFPA 13D Option)
- Sump Pump
- Floor Drain
- Pressure Gauge
- Control Valve
- Underground Water Supply
- Potable Water Supply
- Water Meter



USING YOUR HOME FIRE SPRINKLER DISPLAY

Now that you've assembled your display, it's time to plan how you'll use it. The display is portable and it works with a wide range of audiences and many types of events. Here are some examples:

COMMUNITY EVENTS

- State Fair
- Home Shows and Building Trade Shows
- Fire Prevention Week Activities
- Safety Fair
- Fire Station Open Houses

SCHOOL ACTIVITIES

- Vocational-technical high school competitions
- Parent-Teacher conferences
- Safety Day

HOMEBUILDERS

- Partner with a homebuilder who offers sprinklers as a way to educate during open houses.
- Bring the display to area chapter meetings of your local homebuilders' association to accompany your presentation.

MUNICIPAL ACTIVITIES

- Present the display at the Building Department so homebuilders can see it when they bring plans in for approval.
- Get on the agenda of your Planning and Zoning Boards and bring the display to explain the value of trade ups to encourage sprinklering of new developments.
- Present the display at your Town/Village Hall.
- Share the display during Town/Village meetings, elections, and other public events.

USE THE DISPLAY TO EDUCATE OTHER PROFESSIONALS AT THEIR OFFICES AND MEETINGS

- Insurance agents
- Real Estate agents
- Water suppliers

OTHER FIRE DEPARTMENTS

The portability of this display is one of its best features. If there are other departments near your jurisdiction, offer to share your display when they have public education opportunities in their jurisdictions.

EVALUATE THE DISPLAY'S EFFECTIVENESS

It's important to know whether public education work is effective and to make changes to improve it. Evaluation is also essential in order to obtain municipal and grant funding. Pre- and post-tests give you a quick answer to how much your audience learned after their exposure to the Display. Using these tests is an easy way to help you determine how well the display meets your educational goals. You can modify these sample test questions based on your audience and the purpose for using the display. Please share your evaluation results with HFSC so we can improve the resources we create and offer to the fire service.



SAMPLE PRE- AND POST-TEST

1. Do you have fire sprinklers installed at home?
Yes/No
2. Would you buy a home with fire sprinklers installed? Yes/No/Maybe
3. True or False: Home fire sprinklers are triggered by the smoke alarm.
4. True or False: If fire breaks out, all the fire sprinklers flow water at once.
5. True or False: Home fire sprinklers work automatically, preventing flashover and controlling the heat, smoke and flames until the fire department arrives.

MEDIA

When you bring the display to a public event, inform your local media ahead of time to encourage coverage of this public safety activity. Let them know that you will be providing a unique hands-on educational resource for the event's audience. Be sure to mention that the Display makes a great visual backdrop for print and television.

GET LOCAL HELP FOR YOUR DISPLAY

If your jurisdiction doesn't have the budget to purchase the construction materials, reach out to businesses and groups for funding. Be sure to publicly thank your sponsors during events, in local media coverage, and you may want to post the names and logos of your sponsors on the side of the display.

HERE ARE SOME IDEAS:

Sprinkler Contractors

You'll need to partner with a sprinkler contractor experienced in NFPA 13D installations to build the Display. They may also be able to help you acquire the sprinkler components by sharing their industry contacts.

Lumberyards/Big Box Stores

Call the manager at your local retailer and request to meet him/her at the store. Bring the list of tools and construction materials and be prepared to explain what the display is and how it can be used to conduct life safety education in your community. Ask the manager if there are any tools or materials that the store can donate to support this permanent public safety resource. Offer store name and logo recognition in return for their support.

Insurance Companies

If your local residential property insurers offer a discount for homes protected by fire sprinklers, contact area offices to request a donation and/or participation in your educational events. (Note: State Farm is HFSC's sponsor for this display but you can work with any home insurer.)

