



Montana *Fire Pits*

www.montanafirepits.com DIY Advice and Gas Burners

FIRE PIT PLANNING - Keys to Success

Hello! And Thank You for downloading this planning guide. If you have, it means that you've a) found my videos on YouTube or B) picked up the phone to call. Either way, I'm grateful for your time and attention and It's my hope to bring you personalized service as if we were face to face, even though miles may separate us.

This planning guide is a list of the most frequently asked questions we've compiled after countless of phone calls we've received from you all. The questions are pretty much all the same, but by all means, if you'd like to talk, I'm still around. Also, any time you see "HINT"... it's a bit of inside information that will most likely save you time and money. You're welcome. :-)

Montana Fire Pits is an authorized dealer for Warming Trends Crossfire Burners as well as HPC, Hearth Products, FireGear and many other outdoor hearth and patio products.

FINISHED SIZE - Outside and Inside Diameter

Start here. Think about how many people you'd like to sit around the fire with you. What is the total space like? What material are you going to build it out of? Total creativity here folks, you are all DIYers and "makers" out there and we love the creativity. Just give it some thought so you can determine the right burner size BEFORE you actually build your fire pit.

- HINT: Pick out your burner FIRST... before your fire pit is constructed. We have many standard sizes and kits that will ultimately save you or your builder time.

BTU's, BURNER & PLATE

There are several options of burner size ranging from 60,000 - 350,000 BTU's. Please consult our specifications for the actual dimensions of each burner and plate size.

- HINT: Our most popular size by far is the 180,000 BTU and it comes mounted on a 30" round or square plate.

STANDARD SIZES

Here's a brief list of some of our most popular burner (BTU) and plate combinations. These standard sizes are available in round or square as well as NG or LP.

- 60,000 / 18"
- 120,000 / 24"
- 180,000 / 30"
- 250,000 / 36"
- 300,000 / 42"
- 350,000 / 48"



Montana Fire Pits

www.montanafirepits.com DIY Advice and Gas Burners

GAS LINE - "Go Local"

This is where we encourage you to defer to your local gas professionals. Please contact them to determine the ideal gas line requirements for your finished fire feature. Notice this comes AFTER you've decided on a burner. It's a bummer to have a ½" gas line run and find out you're limited on the size of flame you can have.

- HINT: Just tell them the total BTU's of fire pit burner and they can help you plan your gas requirements with distance and total output regardless of whether its propane or natural gas. Calculations for this vary greatly from place to place, that's why it's a good idea to just use a professional in your area.

CONNECTIONS & INSTALLATION

Again, keep it local. We recommend that your gas pro makes all of the final connections to ensure the safest flame possible. We'll provide everything "north" of the key valve which includes the flex lines and fittings.

- HINT: Tell your gas guy to hard line the pipe from the stub to the key valve, then run a flex line from the key valve up to the burner unit.
- HINT: The key valve is a ¼ turn valve simply meant to turn it on or off... not a lot of adjustment here, just something to keep in mind.

Supporting the plate is largely up to you. Again, time to be creative as every single fire pit is different. All you need to accomplish here is to provide something structural for your pan or plate to rest on... a ledge of sorts. This can be anything from stacked pavers to custom fabricated brackets.

MEDIA

Lava Rock, Fire Glass, Ceramic Logs... What is the finished "burn media" going to be. Lava rock and fire glass are sold by the pound and this stuff adds up quick and it doesn't take much to rack up 100 lbs plus for a 36" round diameter, and at about \$5-\$7 per pound for fire glass, you'll be into your burn media for as much as your burner! But, don't worry... I have tricks for that too.

Once you have your glass or rock all set up, your fire pit is basically a permanent structure. In other words, not a lot of access beyond this point. Make sure your connections are final because to dismantle anything at this point may prove slightly tricky.

- HINT: You'll need to cover our burners to a depth of about 3". Put a layer of lava rock or lava granules down first to a depth about about 1-½", then cover that with fire glass. Boom. Just saved you a couple hundred bucks at least.

COVER



Montana Fire Pits

www.montanafirepits.com DIY Advice and Gas Burners

Protect your investment! You're spending some good money on your fire pit, especially the burner, to leave it uncovered exposed to the elements would be a shame. Consider purchasing a cover.

- HINT: Go local with this too. Chances are you know a "metal guy" locally that can work wonders with steel. Tell him what you're building and see if he can weld up something for you. If not, there are always canvas and vinyl style covers online.

CUSTOM

Of course, we can do anything custom as well. Shapes, burners, plate sizes... you name it. Just contact us to tell us about your objectives and we can help you plan it out.

BUDGETING

Ah... the important part. How much does all of this cost? Well, that's a relative question, as every single DIY fire feature is going to be different. Here is a brief list of the same standard burner/BTU and plate sizes with some budget pricing. These are based on our "kits" shipped with; match-lit burner, plate, flex line & key valve. **Shipping not included.**

These prices are not inclusive. Every fire pit is different! Please call for specific pricing and to ensure you get exactly the parts you need.

- 60,000 / 18" = \$361
- 120,000 / 24" = \$560
- 180,000 / 30" = \$863
- 250,000 / 36" = \$1150
- 300,000 / 42" = \$1450
- 350,000 / 48" = \$1680

CONTACT

Jonathan Howie

Owner - Montana Fire Pits

406-214-6371

www.montanafirepits.com

montanafirepits@gmail.com

www.facebook.com/montanafirepits

Youtube: Montana Fire Pits