



SHARPSHOOTER® 1 DRYWALL HOPPER GUN

Part# 693 | EDI# 16356



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WS1273

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PRODUCT OPERATION, INSTRUCTION INFORMATION

The SharpShooter® 1 Drywall Hopper Gun, together with an air compressor, will apply most any sprayable material that can feed by gravity through the hopper and that can fit through one of the holes in the orifice plate. The texture that results can be adjusted in four ways.

1) Material Consistency

Follow the material manufacturer's recommendations for mixing. It is important that the material be thoroughly mixed and be just thin enough to feed through the hopper. This enables the droplets of spray to stay on the wall/ceiling surface and form a good texture. Do not thin the mixture to achieve a finer texture, rather increase the air flow and select a smaller orifice.

2) Orifice Size

The circular orifice plate (2) on the front of the gun provides seven different orifice sizes. Larger orifice openings will produce a coarser pattern than will a smaller opening. To change the orifice, loosen the two knurled nuts (3,4). Pull the trigger back and rotate the orifice plate to the desired size. As you release the trigger the orifice is centered. Finally, secure the orifice plate in position by first tightening the upper knurled nut and then the lower knurled nut.

3) Air Flow

The air flow at the gun is adjusted by the ball valve-air line coupler (15). A reduced air flow will produce a coarser texture; a greater air flow will produce a finer texture. The higher the air pressure, the finer the pattern; the lower the air pressure, the coarser the pattern. If the air flow is too great, however, the grains within the mixture can separate from the mixture and rebound off the walls. This can lead to waste and mess.

4) Trigger Setting

The position of the trigger controls the amount of material flow. As the trigger is pulled back, more material is allowed to feed through. Generally the distance between the air nozzle (25) and the mixture nozzle (5) should be slightly greater than the size of the selected orifice. When the desired texture is achieved, the trigger position can be set by tightening the wing-nut (16). This will ensure the needle is pulled back the same distance each time so that the texture remains consistent. Releasing the trigger stops the material flow.

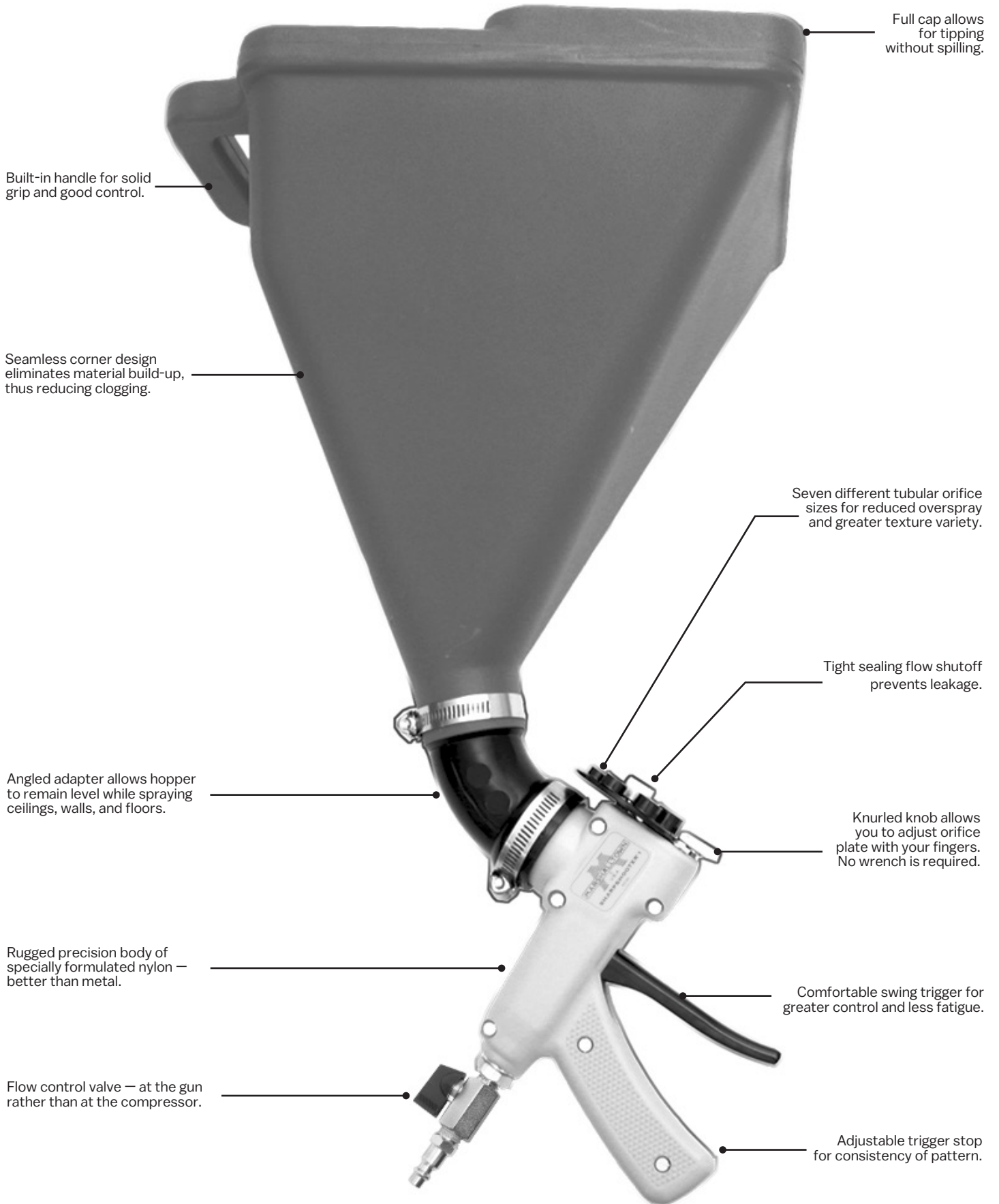
It is recommended that you set your pattern on scrap sheetrock or cardboard before spraying your finished product. By experimenting with the various adjustments you should be able to obtain your desired texture. Note the compound consistency, orifice, air pressure at the compressor, relative ball valve position, and trigger setting for future reference.

OBJECT DESCRIPTION/TABLE OF PARTS FOR RE-ORDER

Item #	Description	Part#	Quantity
1	Hopper	797	1
2	Orifice Plate	WT242	1*
3	Knurled Nut	WU898	1*
4	Center Knob	WU899	1*
5	Mixture Nozzle	WT236	1*
6	Screw M5 5 16	WT303	2
7	Screw M4 5 18	WT304	4
8	Trigger	WT241	1*
9	Compression Spring	WT210	1
10	Screw M6 5 16	WT211	1
11	Nut M4	WT306	6
12	Rear Bushing	R1748	1
13	Handle Casting (Left)	WL335	1
14	Handle Casting (Right)	WL334	1
15	Ball Valve -Air Line Coupler	WT243	1
16	Wing Nut M6	WT217	1
17	E-Clip Retainer	WT246	1*
18	Hopper Clamp	WT219	1
19	Screw M4 5 40	WT307	2
20	Transfer Bar	WT239	1*
21	Shaft	R3863	1
22	Front Bushing	R3871	1
23	Rubber Boot	WT222	1*
24	Copper Ring	WT223	1
25	Air Nozzle	R3872	1
26	Air Tube	R3870	1
27	Washer	WT228	1
28	Curved Spring Washer	WT229	1
30	Nylon ring	WT245	1
31	45° Angled Hopper Adapter & Clamp	RK299	1
32	Replacement Hopper Top and Lid	SS20LID	1

**Included in RK696 Repair Kit*

PRODUCT FEATURES



Full cap allows for tipping without spilling.

Built-in handle for solid grip and good control.

Seamless corner design eliminates material build-up, thus reducing clogging.

Seven different tubular orifice sizes for reduced overspray and greater texture variety.

Tight sealing flow shutoff prevents leakage.

Angled adapter allows hopper to remain level while spraying ceilings, walls, and floors.

Knurled knob allows you to adjust orifice plate with your fingers. No wrench is required.

Rugged precision body of specially formulated nylon — better than metal.

Comfortable swing trigger for greater control and less fatigue.

Flow control valve — at the gun rather than at the compressor.

Adjustable trigger stop for consistency of pattern.