






CertainTeed Loose Fill

Attic Install Guide

RECOMMENDED MACHINE SETTINGS: 3rd gear, 12-14 in. gate and 10-14 ft. arc length.

If not a CertainTeed Machine Works Volu-Matic® 300, begin with a feed rate of approximately 20-25 lbs./min.

COMPONENT	STANDARD SETTINGS	TIPS
GEAR 	3rd gear	To increase feed rate, consider opening the slide gate 1-2 in. at a time.
GATE 	1/3 open	If the product is blowing clumpy or too dense, consider closing the gate 1-2 in. at a time.
HOSE 	150 ft. length, minimum of 3 in. inside diameter	If using various diameters of hose, step-down from largest to smaller diameter using hose reducers and sleeves. Check hose for leaks, cracks and wear, and repair or replace hose every 6 months.
RPM 	Volu-Matic Machines – 1050 RPM For independent gas engines – run at full throttle	Check with manufacturer of equipment for best engine RPM settings.
AIR 	Target a waist high, 10-14 ft. material arc length	Target a 2 PSI air pressure setting to prevent hose blockage, then adjust pressure to target the 10-14 ft. material arc length.

TROUBLE SHOOTING: Caution — Do Not Reach Into The Machine Hopper While Operating.

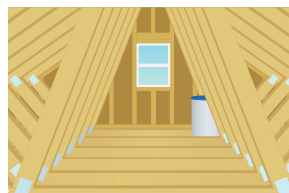
These recommendations assume that the blowing machine, hose and air lock seal are in proper working condition. For more details, view full Installation Guide.

PROBLEM	RECOMMENDATION
Low Coverage	Decrease material feed or increase air pressure to achieve 10-14 ft. arc length.
	Do not over-fill the machine hopper.
	Adjust to 3rd gear, adjust engine speed 1050-1150 RPM (full throttle for independent gas-powered engines), increase air pressure to maintain 10-14 ft. arc length.
	Minimize hand-cupping or blowing product into roof, framing or other obstruction.
	Check hose for leaks, cracks and wear, and repair or replace hose. Replace worn hose with new hose using proper hose sleeves and reducers.
Slow Feed Rate	Open gate 1-2", adjust air pressure to maintain 10-14 ft. arc length. Replace any worn or damaged airlock seals.
Excessive Dust	Reduce air pressure or increase gate opening.
Excessive Static Electricity	Add moisture to the hopper by sprinkling-small amounts of water or water-diluted fabric softener.
Machine or Hose Plugging	Close gate 1-2" and increase air pressure or lower transmission speed by 1 gear.
	Eliminate any step-downs in blowing hose greater than 1/2" using hose sleeves and hose reducers.
High Coverage	Reduce air pressure or increase gate opening

For all of your replacement parts and service, contact CertainTeed Machine Works at 800-237-7841.

ADJUSTING FOR ATTIC CONDITIONS

These are recommended starting points for specific attic types; further fine-tuning may be needed.



Normal Attic

Very few obstructions with room to easily move around

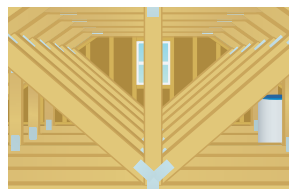
Setting:
Standard recommended machine settings:
10-14 ft. arc length,
12-14 in. gate opening



Very Open Attic

Lots of room to maneuver and no obstructions

Setting:
3rd gear, 12-16 ft. arc length,
14-16 in. gate opening



Very Tight Attic

Very little room to maneuver and a lot of obstructions

Setting:
3rd gear, 8-10 ft. arc length,
8-11 in. gate opening

NOTE: Always allow an appropriate amount of time to maintain proper form while insulating different types of attics. For example, do not run the machine in high gear if you are working in a tight attic space with little room to move.