



KRENDL WALL CAVITY SPRAY-ON SYSTEMS

To Achieve Superior Thermal and Sound Proofing Values

Wall Cavity spray is the spray application of fiber **with** or **without** adhesive into a **wall cavity** to later be covered with drywall or a sheathing material.

EQUIPMENT REQUIREMENT

- Blowing Machine:** An all-fiber **airlock** machine, providing sufficient agitation for blending of recycled fiber and blower pressure to blow moisture laden recycled fiber through hose.
- Pump System:** Capable of pumping water, with or without adhesives at the required pressure (p.s.i.), capacity (g.p.m.) and smoothness of spray pattern.
- Water Tank:** In situations where **only** water is used, a filter system and tank with a large capacity (100 - 200 gallons/26.4-52.8 liters) is used.
- Spray Nozzle:** A wide oval discharge throat and rugged, quick-change tips allow for the maximum flow of coarse, wet, recycled fibers while offering a quick easy change of nozzle tips.
- Wall Scrubber:** Device used to quickly remove excess sprayed fiber on wall studs and interior corners.

PUMP/MOTOR ASSEMBLY:

See pump/motor units on reverse side.



[hoses not included]

Includes: control bypass assembly with pressure gauge and shut-off ball valve, fittings for input, discharge and bypass recirculation hoses. Units are easily cleaned by running water through the system for a few minutes immediately after use. The TEFC overload protected electric motor operates on 120/240volt 60hz. and supplies adequate power for standard spray-on applications. The units are mounted on a steel base with belt guard and convenient carrying handle. Larger motors providing higher pressure and capacity are available upon request on the MP-20 pump and M-03. (230volt/50hz. available for export) [hoses and in-line filter available upon request]

WALL CAVITY NOZZLE:



The wall cavity nozzle has a wide oval discharge throat allowing for the maximum flow of coarse, wet, recycled fibers without plugging. Rigid attachment of the spray tip body to internally machined head eliminates misalignment and nuisance pressure tubing leaks caused by frequent accidental impacts. The turn-lock tips offer quick change features.

- Features:**
- streamlined, all-aluminum internally machined adjustable head
 - quick-jet brass spray tips for fast insertion and removal
 - 2", 2 1/2" or 3" diameter connection for insulation supply hose
 - 3/8" (9.5mm.) hose connection with shut-off ball valve for liquid supply hose
 - Spray tips available upon request

- Weight:**
- 2" (5.1cm.) nozzle: 1.4 lbs. (.6 kg.)
 - 2 1/2" (6.4cm.) nozzle: 2.1 lbs. (1.0 kg.)
 - 3" (7.6cm.) nozzle: 2.8 lbs. (1.2 kg.)

WALL SCRUBBER:

The Krendl wall scrubber has been designed for removing excess sprayed material between wall studs, allowing for easy installation of drywall sheathing. The T-frame design allows the contractor to remove excess material from corners with both sides of the rollers. A totally enclosed motor ensures long brush and motor life. The V-belt driven rollers, along with adjustable tensioning feature, provide a light, smooth, positive grip system.



Parallel Handle



Vertical Handle



30" Extension

Features:

- 27" (68.6cm.) roller
- lightweight, steel, all-welded construction
- belt driven by 1/8hp (T.E.N.V.) electric motor
- safety belt guard
- 120volt/60hz. (230volt/50hz available for export)

Dimensions:

27" x 22"
(68.5 cm. x 56 cm.)

Weight:

18.0 lbs
(8.2 kg.)

Available:

- 18" (45.4 cm.) roller for closets and congested areas
- vertical or parallel handle
- 30" (76.2cm.) extension for 9 foot ceilings



M-03

Economical, **direct-drive**, self-priming, triple diaphragm pump with 1 hp. TEFC 120/240volt 60hz. motor (14 amp), designed for general purpose spraying by the **entry-level contractor** as well as the **professional contractor**.



[hoses not included]

Maximum Flow:	3 g.p.m.	Diaphragm:	triple semi-hydraulic
Maximum Pressure:	300 p.s.i.	Shaft:	56 - C face
Maximum Speed:	1725 r.p.m.	Housing:	aluminum and brass
Weight (pump only):	25 lbs. (11.4 kg.)	Dimensions:	9.8" x 10.3" x 7.5"
Weight (pump & motor):	69 lbs. (31.3 kg.)		24.9cm. x 26.0cm x 19.1cm.

Port Size	Pump Only	Pump w/Control Assembly	Q.D. Coupler
inlet	1/2" NPT	3/4" hose barb	3/4"
outlet	3/8" NPT	3/8" hose barb	3/8"
bypass	---	1/2" hose barb	1/2"

Includes: pressure gauge and shut-off ball valve, fittings for input, discharge and bypass recirculation hoses. Units are mounted on a steel base with a convenient carrying handle and are easily cleaned by running water through the system for a few minutes immediately after use. (230volt/50hz. available for export)

MP-20

High quality, **double belt-driven**, self-priming, twin diaphragm pump with 1hp. TEFC 120/240volt 60hz. motor (14amp), offers easy, reliable operation, making this pump ideal for the **professional contractor**.



[hoses not included]

Maximum Flow:	5.7 g.p.m.	Diaphragm:	dual semi-hydraulic
Maximum Pressure:	200 p.s.i.	Shaft:	3-bolt flange
Maximum Speed:	550 r.p.m.	Housing:	aluminum
Weight (pump only):	31 lbs. (14.2 kg.)	Dimensions:	10.3" x 8.4" x 8.6"
Weight (pump & motor):	82 lbs. (37.2 kg.)		26.0cm. x 21.4cm x 21.9cm.

Port Size	Pump Only	Pump w/Control Assembly
inlet	3/4"	7/8" hose barb
outlet	3/8"	3/8" hose barb
bypass	1/2"	1/2" hose barb

Includes: pressure gauge and shut-off ball valve, fittings for input, discharge and bypass recirculation hoses. Units are mounted on a steel base with a belt guard and a convenient carrying handle and are easily cleaned by running water through the system for a few minutes immediately after use. (230volt/50hz. available for export.)