

U.S. sets tough new woodstove standards

THE U.S. Environmental Protection Agency has announced new regulations for woodburning stoves manufactured on or after July 1, 1990.

Stoves manufactured after July 1, 1990, will have more stringent standards. They apply to new stoves and fireplace inserts and are performance-based standards. This means each model is tested in a laboratory to determine if, when operated according to manufacturer's directions, the amount of particulate matter emitted from the stove meets or exceeds the limits set by the EPA.



Terry Gibb

Stoves built after July 1, 1988, and equipped with catalytic converters must not give off more than 5.5 grams per hour of particulate matter.

Stoves without catalytic converters are required to emit not more than 8.5 grams per hour of particulate.

CURRENTLY uncontrolled stoves and fireplace inserts give off about 30 grams of particulate per hour.

These new 1988 particulate emission standards nearly match Oregon's standards, which are the strictest in the nation. The 1990 federal standards will supersede all state standards, and no state will be allowed to have less restrictive regulations than the federal standards.

In addition to improving air quality, the new woodstove regulations will benefit the owners of these stoves in these ways:

The new stoves, because they're built for greater efficiency, will give off more heat than the old models

using the same amount of wood.

Crescote will take longer to build up in the chimney because the exhaust is cleaner. This means less frequent chimney cleaning and less chance of a chimney fire.

SEVERAL REASONS were cited for establishing these new standards: Manufacturers were concerned about meeting the many conflicting state and local standards for woodstoves and inserts.

Many communities have been having trouble meeting the new ambient air quality standards for particulate matter during the winter months when his equipment is in op-

eration. Communities have been experiencing deterioration in air quality and reduced visibility resulting from increased particulate matter in the air.

EPA was recently sued over its decision not to regulate the family of compounds known as polycyclic organic matter (POM) caused primarily from woodstoves.

AN INTERESTING sidelight about these new regulations is the process through which they were developed. These regulations were the first to be fully developed using the process called "regulatory negotiations."

A negotiating committee was formed with representatives from state and local air pollution agencies, the Natural Resources Defense Fund, environmental groups, woodstove manufacturers and researchers to develop the new standards.

By using the regulatory negotiations process, it is estimated that two to three years were taken off the usual development time for new standards.

The Consumer Mailbag answers your questions. Address mail to The Consumer Mailbag, Concern Detroit, One Kennedy Square, 4th Floor, Detroit, 48226.

Odd—a chipmunk climbing a tree

MOST people maintain their possessions and behave consistently. At breakfast, for example, cereal is in a certain cupboard, fruit is in the refrigerator, and so on. Or we follow a routine upon arriving at work.

As long as everything stays the same, we pay little attention to anything because we have been conditioned to this consistency. However, if something should be out of place, that will make us stand up and notice.

PEOPLE WHO watch wildlife come to expect animals to do certain things, too.

Chickadees can be expected to be one of the first birds to discover a



Timothy Nowicki

new feeder. Crab spiders lie in wait for an insect to land close enough for an attack.

And chipmunks are usually seen on the ground, or so I thought. My impression of this striped squirrel of campground fame was a busy, ground-dwelling rodent. It builds tunnels to underground chambers and stores food underground for the

winter, so I thought it should be on the ground.

But during the past year, I have seen chipmunks in tree hollows 15 feet high. And just the other day, I watched one gather acorns from the branches of an oak about 20 feet up.

The branch it was feeding on was over water, and occasionally an acorn would fall. They sounded like little bullets entering the water.

I thought, too, of what might happen if the chipmunk accidentally slipped.

THIS CHIPMUNK was carrying at least three medium-sized acorns — one tucked into each side cheek pouch and one in front held by its incisors.

After each mouthful it scampered

down the tree and bounced across the grass to its burrow. Here it would store the acorns until it awoke for a mid-winter snack.

Its behavior attracted my attention because it seemed out of place to me, though it looked as if the chipmunk had been doing it before.

A woodchuck is another ground and underground dwelling animal that I would not associate with climbing. Yet I have spoken with many people that have watched them climb several feet up a tree.

Obviously this kind of behavior is not new to the animals, only to me. Watching wildlife can provide personal discoveries at any time.

The writer is a naturalist at Independence Oaks County Park.



The chipmunk carried at least three medium-sized acorns in his mouth in his tree-climbing hunt.



THE SYCAMORE TREE

A different kind of shop for your gracious gifting needs!

GRAND OPENING Oct. 8th & 9th
Come in and Register for our **SPECIAL DRAWING!**

Featuring: • Antiques
• Handcrafted Furniture
• Custom Gift Baskets
• Unique & Elegant Gifts for all occasions

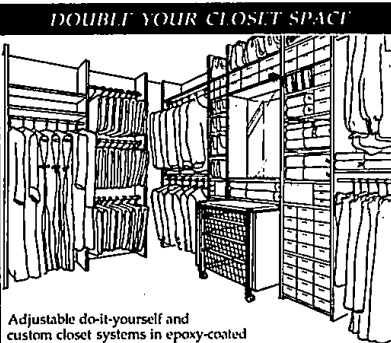
2715 Webster (12½ Mile at Woodward)
ROYAL OAK
542-4770 Delivery Available

ABOVE & BEYOND CUSTOM 585-6670

KITCHENS • BATHROOMS • BEDROOMS • BARS
ENTERTAINMENT CENTERS
BUILDERS, DESIGNERS & INSTALLERS OF CUSTOM
FURNITURE & CABINETS

We specialize in using only top quality materials
All Metal (not plastic) Cabinet Hardware
Solid Wood (not veneered) Oak, Cherry or Birch Doors
Hand Wiped (not sprayed) Stains, Sealer & Wax
High Pressure (not vinyl) Plastic Laminates
White Melamine (not painted) Maintenance Free Interiors

OUR JOBS ARE DONE "BY THE BOOK"
PRICES ARE ESTIMATES
NOT ALWAYS THE CHEAPEST BUT STRIVING TO BE THE BEST.



Adjustable do-it-yourself and custom closet systems in epoxy-coated wire or laminate • Custom plans for remodeling or new construction • Huge selection of closet and storage accessories

FREE ESTIMATE
CALL TODAY 585-6670

THE CURTAIN'S UP ON... BECKWITH EVANS FINEST CARPET EVENT OF THE SEASON!

**MID-SEASON
Floor
Fashion
Show!**

**LIMITED
ENGAGEMENT
8 DAYS ONLY!**

• Your chance to see all the newest styles, designs and colors from leading manufacturers, distributors and fiber producers.

• Special values featured throughout all our stores.

• This outstanding event ends October 12th. Don't miss it!

THE SPOTLIGHT'S ON FASHION, BUT THE HIGHLIGHTS ARE THE MONEY SAVING PRICES!

Now see our low prices on today's most lovely carpets. Beckwith Evans has received major price concessions from all our famous manufacturers for this great Fall Fashion Sale... and we pass them on to you. All our Fall introductions are included in this sale. Here's just a partial listing of the manufacturers and products now on sale.

ALL SALE PRICES INCLUDE 1/4" PADDING AND INSTALLATION!

SAVE ON GALAXY CARPETS! PRICES INCLUDE PAD AND LABOR	SAVE ON LEES CARPETS! PRICES INCLUDE PAD AND LABOR	SAVE ON KARASTAN CARPETS! PRICES INCLUDE PAD AND LABOR	
SAVE \$5.00 YD. INSTALLED! VIBRANT NYLON PLUSH Softest nylon plush, 20 mil. pile, Reg. \$21.99, Sale \$16.99	SAVE \$8.00 YD. INSTALLED! STAIN PROTECTED SAXONY A top quality 24 mil. pile nylon, Reg. \$21.99, Sale \$13.99	SAVE \$15.00 YD. INSTALLED! CLASSIC SAXONY PLUSH A top quality 24 mil. pile nylon, Reg. \$36.99, Sale \$21.99	\$12.99
SAVE \$8.00 YD. INSTALLED! STYLISH NYLON SCULPTURE Carpeted with a 24 mil. pile, Reg. \$21.99, Sale \$13.99	SAVE \$7.00 YD. INSTALLED! COLORFUL NYLON SCULPTURE Popular sculpture pile in 14 mil. pile, Reg. \$21.99, Sale \$14.99	SAVE \$13.00 YD. INSTALLED! ANSO V NYLON SAXONY A top quality 24 mil. pile nylon, Reg. \$24.99, Sale \$11.99	\$16.99
SAVE \$7.00 YD. INSTALLED! DEEP NYLON PLUSH Thick plush nylon, 24 mil. pile, Reg. \$21.99, Sale \$14.99	SAVE \$9.00 YD. INSTALLED! DEEP LUXURIOUS SAXONY Carpeted with a 24 mil. pile, Reg. \$21.99, Sale \$12.99	SAVE \$12.00 YD. INSTALLED! NEW TEXTURED SAXONY One of our new! Textured nylon, Reg. \$24.99, Sale \$12.99	\$17.99
SAVE \$8.00 YD. INSTALLED! ULTRA DENSE PLUSH A top quality 24 mil. pile, Reg. \$21.99, Sale \$13.99	SAVE \$9.00 YD. INSTALLED! CLASSIC FRIEZE TWIST Designed to withstand heavy wear, 24 mil. pile, Reg. \$21.99, Sale \$12.99	SAVE \$13.00 YD. INSTALLED! EXOTIC PINDOT PLUSH Great savings on this nylon, 24 mil. pile, Reg. \$24.99, Sale \$11.99	\$18.99
	SAVE \$9.00 YD. INSTALLED! THICK, LUSH PLUSH A top quality 24 mil. pile, Reg. \$21.99, Sale \$12.99	SAVE \$19.00 YD. INSTALLED! MAGNIFICENT CABLED SAXONY One of our new! Cabled nylon, Reg. \$24.99, Sale \$5.99	\$19.99
	SAVE \$10.00 YD. INSTALLED! DENSE PATTERNED PLUSH A top quality 24 mil. pile, Reg. \$21.99, Sale \$11.99	SAVE \$22.00 YD. INSTALLED! ULTRA LUXURIOUS PLUSH An incredible 24 mil. pile, Reg. \$24.99, Sale \$2.99	\$22.99
		SAVE \$26.00 YD. INSTALLED! WOVEN WOOL BERBER The ultimate in luxury, Berber nylon, Reg. \$24.99, Sale \$2.99	\$25.99
			\$49.99
<p>SAVE ON CABIN CRAFTS! PRICES INCLUDE PAD AND LABOR</p>			
SAVE \$8.00 YD. INSTALLED! ELEGANT TEXTURED SAXONY A top quality 24 mil. pile, Reg. \$21.99, Sale \$13.99			
SAVE \$8.49 YD. INSTALLED! "TRACKLESS" NYLON SAXONY A top quality 24 mil. pile, Reg. \$21.99, Sale \$13.99			
SAVE \$9.00 YD. INSTALLED! CLASSIC VELVET PLUSH A top quality 24 mil. pile, Reg. \$21.99, Sale \$12.99			
<p>SAVE ON BERBER CARPETS! PRICES INCLUDE PAD AND LABOR</p>			
SAVE \$8.00 YD. INSTALLED! STAIN RESISTANT BERBER A top quality 24 mil. pile, Reg. \$21.99, Sale \$13.99			
SAVE \$8.00 YD. INSTALLED! EVANS BLACK PATTERNED BERBER A top quality 24 mil. pile, Reg. \$21.99, Sale \$13.99			
SAVE \$8.00 YD. INSTALLED! STUNNING PURE WOOL BERBER A top quality 24 mil. pile, Reg. \$21.99, Sale \$13.99			
<p>SAVE ON CERTIFIED STAINMASTER! PRICES INCLUDE PAD AND LABOR</p>			
SAVE \$7.00 YD. INSTALLED! MULTITONED CUT 'N' LOOP A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
SAVE \$7.00 YD. INSTALLED! ONE ON TONE SCULPTURE A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
SAVE \$7.00 YD. INSTALLED! POPULAR SAXONY PLUSH A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
SAVE \$8.00 YD. INSTALLED! "TRACKLESS" TEXTURED SAXONY A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
SAVE \$9.00 YD. INSTALLED! DENSE MULTICOLORED PLUSH A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
SAVE \$7.00 YD. INSTALLED! BERBER STYLED PLUSH A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
<p>SAVE ON CARPET ONE! PRICES INCLUDE PAD AND LABOR</p>			
SAVE \$8.00 YD. INSTALLED! SOLID COLOR PLUSH A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
SAVE \$8.00 YD. INSTALLED! DEEP ANSO V SAXONY A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
SAVE \$8.00 YD. INSTALLED! ELEGANT CARVED PLUSH A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
SAVE \$7.00 YD. INSTALLED! RESILIENT TEXTURED TWIST A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			
SAVE \$8.00 YD. INSTALLED! DENSE "TRACKLESS" SAXONY A top quality 24 mil. pile, Reg. \$21.99, Sale \$14.99			

All carpet sale prices include 1/4" padding and normal installation. Extra charge for rip up and some stair labor. Minimum 16 sq. ft. purchase.

***FLEX...
90 DAYS
SAME AS CASH**

1. No cash advance
2. No cash back
3. No cash refund

Beckwith Evans

Carpet One
AUTHORIZED
DEALER

• TROY WAREHOUSE 490 E. Maple Rd. 585-7000
• PLEASANT RIDGE 21427 Woodland 547-7100
• CLINTON TOWNSHIP 34920 Genoa 782-1310
• MEDFORD 24001 N. 8 Mile Rd. 536-3950
• DEARBORN HEIGHTS 21410 Ford Rd. 274-7990
• LYONIA 35175 Plymouth Rd. 422-6800
• TAYLOR 21077 Furka Rd. 287-2550
• ST. CLAIR SHORES 21000 Mack Ave. 778-8040

FOR COMMERCIAL INSTALLATIONS, CALL OUR CONTRACT DEPT. 585-7000

STORE HOURS: MONDAY-FRIDAY 10 am to 9 pm... SATURDAY 10 am to 6 pm... SUNDAY Noon to 5 pm.

Buying carpet has
never been easier!

We know FLEX is to 90% of our customers!

