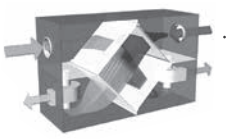
primex

CHANGING TIMES

HVAC VENTS AND HOODS

Six reasons why plastic is perfect



BUILT IN THE WEST

Made for North American weather

NO RUST, NO LEAKS

No worries when you spec Primex

WHO'S RESPONSIBLE FOR BUILDING LEAKS?

Moisture isn't just a west coast problem. All of North America deals with rain, fog and melting snow.

In the '90s, most builders weren't talking about building envelopes but the leaky condo crisis in British Columbia quickly woke people up to the importance of weatherization. Water seeped into condominiums causing rust, rot and mould. Some commercial properties and public schools were impacted as well. Damage ranged from minor to major failure of the structural integrity of the buildings.

It may have started 20 years ago, but the crisis isn't over. Lawsuits and health problems continue to plague the west coast. Who's at fault? Nobody wanted to take responsibility. It cost over $4 billion in damages. The issues put builders and politicians in the hot seat. Public inquiries were staged and governments began the search for causes and solutions. The result was an overhaul of BC's building code in 1998, and the requirement for rainscreens in coastal regions of the province.

In order to help, Primex collaborated with engineers and architects to develop the best HVAC solution, becoming the experts in engineering vents that protect building envelopes. The WC series—wall cap intake and exhaust vents—are rainscreen-compatible.

"I was the manager of new constructions for an envelope consulting company from 2000 to 2009. I worked with Primex on designing vent-cap terminations for the rainscreen cladding system. We worked for two years on prototypes, so we could get it right. Primex products are leak proof and fool proof. They're almost impossible to install incorrectly. It's great. That's why we spec them right into our drawings," explains Charlie Lorenzen, LEED® Consultant.

"No other company knows more about the connection between the building envelope and HVAC systems," explains Leo Connell, Director of Marketing at Primex Manufacturing Ltd.

After all, Primex developed products in the rainiest climate there is, the west coast rainforest. But moisture isn't just a west coast problem. All of North America deals with rain, fog and melting snow. Connell states, "All building materials and equipment last longer and perform more efficiently when it's allowed to dry. From insulation to roof sheeting, to furnaces and HRV's, nothing should remain wet."

Jesse Meshiana is an Inside Sales Representative for a distributor has been selling Primex for over 10 years. "Primex makes the most recognizable products on the HVAC market. Other products start to deteriorate and discolour within a year or two because they're cheaply made outside North America. There are three reasons Primex stands out. First, Primex blends in with any siding (even stucco). You can't tell the difference when driving by, whereas galvanized sheet metal is an eye sore. Second, Primex equals longevity. Their products are sturdy and made to last with a special UV coating that prevents deterioration. Third, Primex offers great service. They always deliver within a day or two. They ask for ideas and customer feedback. The Primex team is always up-to-date and informed about the latest technology. Every spec I've seen recommends Primex."

Builders in North America should strive to create a sealed building envelope that will keep their customers happy for decades. Don't regret using sub-standard building materials. When weather happens, be prepared.

Spec Primex – the new standard for building professionals.

HVAC VENTS AND HOODS
Six Reasons Primex Plastic is Perfect

When it comes to choosing HVAC intake/exhaust vents for your next construction project, you will likely be comparing the options in metal and plastic. So, which material is the better choice? In recent years, new plastic technologies have created some significant advantages. Here are six of them.

1. WEATHER RESISTANCE AND DURABILITY

Outdoor vent covers must stand up to the weather. Modern plastic resins like polypropylene can be made with special additives that provide significant UV protection, which prevents break down over time from sun exposure.

Plastic also does not dent, meaning your wall caps or roof vents will resist a barrage of hail and heavy snow or other impacts. In addition, corrosion free plastic is a great choice for wet environments where even galvanized metal could rust, especially if it sustains some damage. Flying baseballs or hockey pucks will simply bounce off. Carefully placed core-throughs and kiss-offs add strength, while maintaining a lightweight structure. Today's outdoor plastic HVAC vents are designed to last for 30-plus years at peak performance.

2. VERSATILITY

Sometimes the vent cap or hood you buy from the factory needs to be modified to be more aesthetically pleasing or to fit an unusual location. Plastic can easily be cut and shaped to work in places metal simply won't and provides more elegant curves. Different additives can also give plastics very specific qualities, meaning you can always choose an ideal material for the climate you are working in.

3. VALUE

Plastic vents are relatively inexpensive to manufacture, and are light-weight for efficient transport and easy installation. Those benefits can help create significant cost savings for the end user.

4. SEALED BUILDING ENVELOPE

Because plastic weighs less than metal it is cost effective to incorporate oversized flanges and extended base models. Those advantages will help establish a reliable seal with vital elements inside a wall or roof, like a rainscreen. Plastic can also be moulded in one piece, without seams or joints which could encourage water ingress.

5. COLOUR

Plastic wall caps and roof jacks are available in a variety of colours to match a home's indoor or outdoor palette. The colour dye additives form an integral part of the entire moulded piece, meaning scratches and wear will be less apparent than on painted metal surfaces. That will also limit maintenance requirements down the road.

6. SAFETY

Plastic vents can be designed without sharp edges, making it safer to work with on construction sites.

Range Hood Exhaust Fans are a Match with Plastic Exhaust Vents

Installation of an exhaust fan above a stove is a critical step in creating safe and enjoyable kitchens. Ideally, those fans will exhaust smells, smoke, water vapour and other gases to the outside. The idea is simple, but choosing the right materials to include in your design is not always easy.

Most jurisdictions have strict standards governing the construction of range hood exhaust systems. Building codes lay out the basic requirements. The stakes are high because problems can lead to dangerous consequences including fire. Most codes prevent the use of flammable ductwork connected to range hoods.

Questions only arise when you reach the end of a duct. Are there concerns with using a plastic exhaust vent on the outside of a home? British Columbia's building code intends to prevent the spread of flames within the wall cavity and to other parts of the home. Sentence 9.32.3.9.(6) states that ductwork for range hoods and range-top fans shall:

a) be of noncombustible, corrosion-resistant material,

b) lead directly to the outdoors with no connections to other exhaust fans or ducts, and

c) be equipped with a grease filter at the intake end.

But, what about the exterior of a home, where the ductwork is terminated? Does the exhaust vent also need to comply with the same code? After all, the exterior cladding of the structure may be wood, vinyl or other 'combustible" material. This is a common area of misunderstanding and, despite the rising popularity of plastic venting and the clear advantages it offers, there is still some confusion regarding its use in range hood venting applications.

Four years ago the question was raised about what happens at the end of a duct, where it exits the home. Primex Manufacturing made the case that the exhaust hood is part of the exterior cladding and therefore not subject to the limitation of code 9.32.3.9.(6). The the B.C. Building Code Appeal Board agreed with the company:

"B.C. Building Code Appeal Board Decision #1681 It is the determination of the Board that the hood is not considered to be a component of the exhaust duct and does not need to conform to Sentence 9.32.3.10.(1)."

This decision provides a resolution to a grey area affecting builders and building inspectors in British Columbia. Now, builders, installers and envelope consultants can continue using plastic wall caps with confidence, knowing the product meets all building code requirements.

WEATHER FORCAST

brought to you by primex

SUN		PRIMEX DOESN'T FADE
RAIN		PRIMEX PREVENTS LEAKS & RUST
SNOW		PRIMEX DOESN'T FREEZE
HAIL		PRIMEX DOESN'T DENT
DIRT		**PRIMEX CLEANS UP** Removable vent hood allows for easy duct cleaning.

BREATHING ROOM:
Why Your Building Envelope Needs it.

At its most basic level, a home provides shelter. It helps keep a family dry in the rain, warm in the winter and shaded from the summer sun. A home's ability to offer a healthy and controlled living space is in many ways its most important task. So just what is it that protects a person's sanctuary from those outside elements? A sealed building envelope is the key.

Whether you are a home developer, contractor or mechanical engineer, using this type of barrier in your projects will help avoid moisture issues, while also making for efficient heating and cooling. Unfortunately, some building materials can put that envelope seal at risk. Many modern walls are rainscreened to help ensure they keep the elements out. In fact, in coastal areas of British Columbia, Canada, rainscreens are required as part of the building code. The rainscreen creates a ventilated space under the siding where water can drain and evaporate. That's because if water is allowed to fully penetrate inside a wall it will encourage corrosion, rotting, and even mould.

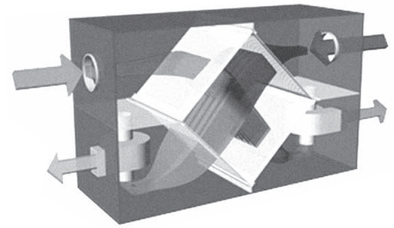
The challenge with rainscreens has always been keeping them sealed. Wall vent caps are one of the common areas where water can find access points behind the screen. Cutting a hole for a vent means cutting a hole in the rainscreen. Choosing the right vent for the job will help ensure your envelope seal is protected.

A good vent cap should undergo extensive testing in wet climates to ensure it works in tandem with your rainscreen. Look for large flanges that help create a barrier to the entry of water. You should also choose vents with drip edges that direct water away from the wall. Another consideration is the moulding seams on a vent which can also create paths for moisture to travel. The better a vent seals with the rainscreen, the safer you are from the damaging effects of water.

Advancements in technology and design have created effective solutions, but not all wall vent caps are created equal. They may seem like a very small part of a home, but choosing the right one for the job can go a long way in protecting what is likely your client's largest investment.

SMART INVESTMENT
HRV / ERV Ventilation Systems

Today's modern homes are wonderfully well-sealed. Building technologies have improved significantly to block outside air from coming in, and inside air from leaving. It's all in the name of energy efficiency, but stale air trapped inside a home can now gather pollutants and make it uncomfortable to live in. It can even lead to allergies and other health concerns.



HOW HEAT RECOVERY VENTILATORS WORK

A flow of fresh air helps. While opening a window might do the job it will also add to your heating and cooling bills. Luckily there are energy efficient alternatives that have even attracted the attention of Canadian construction guru Mike Holmes.

Heat-Recovery Ventilators (HRVs) and Energy-Recovery Ventilators (ERVs) are the ideal answer for home builders in 2014. Old houses leak plenty of air in and out through walls, and around door and window seals. That just doesn't happen in today's well-built homes.

An HRV is designed to pull air into and out of a house, and it does it while carefully managing transfer rates for specific climate conditions. The key to making that process energy efficient is in the design of the system. It allows heat or cold from the exhausting air to condition the outside supply as it's being drawn in.

In fact, a good system will move 70% – 80% of heat energy from interior air to the fresh air coming in. That will save big money on heating and cooling costs in summer and winter. It means your furnace and air conditioner won't have to work so hard to keep a constant temperature inside. Your bank account will appreciate the savings offered on your energy bills.

ERVS REMOVE HUMIDITY

Compared to a HRV, an ERV adds the capability of managing moisture in the air being drawn inside. That's especially helpful in Canadian climates where cold winter air from the outside can be uncomfortably dry, and humidifiers already have to work overtime to add water vapour. Meantime, in the summer, the ERV actually will work to remove humidity, keeping your air feeling cooler. That feature makes an ERV the most efficient way to keep your home breathing properly. Airflow into and out of the system must be carefully maintained year round, and quality Primex plastic vents can help with that process. Outside, a plastic vent or hood will provide a durable, leak free cover, while allowing plenty of air to pass through the intake and exhaust ports. Inside, plastic vents are also a great choice to provide a clean look, and efficient airflow. Another key element of HRVs and ERVs is their flexibility. They can be used in conjunction with a forced air furnace, as well as other popular heating systems including radiant in-floor or hot water, as well as electric baseboards. That makes them a fit for almost any home. Spending the money on an HRV or ERV is an investment a homeowner can have confidence in. Not only will it make a home healthier, it also offers energy efficiencies that will help keep it cheap to operate.

BUILT IN THE WEST. MADE TO LAST.

WC Series – Wall Cap Intake and Exhaust Vents

The Primex Wall Cap Series (WC) is ideal for exhaust and intake applications.

This includes the through-wall exhaust of dryers, bathroom kitchen fans and stove vents, and the intake for furnaces and fresh air make-up.

BENEFITS & FEATURES OF THE WC SERIES

1. Rainscreen-compatible series comes in sizes ranging from 3-8 inches.
2. Available in seven colours: snow white, taupe, black, dark grey, light grey, tan and dark brown
3. Compatible with rainscreen applications via extended base, compensating for cavity between sheathing and cladding.
4. Suitable for intake and exhaust applications.
5. Over-sized flange ensures watertight installation.
6. Made with UV-protected durable polymer resin.
7. Highly resistant to mechanical impact including a built-in bird screen.
8. Patented design eliminates leaky joints while maximizing water protection with one-piece moulded base and built-in drip edge.
9. Integrity of the building envelope is maintained via a removable hood for simple cleaning or replacement.
10. Quick and easy installation.
11. Removable damper makes conversion of intake/exhaust simple.
12. For dryer applications we recommend 'No bird screen (NS)" model.

WHERE THE BUILDING ENVELOPE AND HVAC SYSTEMS MEET

EXTERIOR VENTING PRODUCTS

Soffit Vents

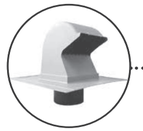
The low profile of the SV series vents make them ideal for tucking away under the soffit. The smooth curves help to push air out and away from the soffit, dispersing moisture away from the building.

The SV28 series is adaptable for 4-8 inch ducting, making it particularly useful for venting larger range hoods.

Roof Jacks

Primex offers a variety of roofing vents designed for extreme weather protection. Large flanges and seamless mould design protect from leaks and durable, engineered plastic resin provides UV protection and resists denting.

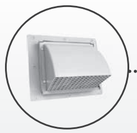
The RV28 Gooseneck provides 5 inches of snow clearance, while the RV20 Kit comes with a 4/5/6 inch step up adapter and offers low profile, pleasing aesthetics.



Wall Caps

The WC series of wall caps are the simply the best in the business. With oversized flanges, and seamless design they protect from moisture like no other vent. The patented removable hood means you can clean the duct without compromising the building envelope. High quality, durable resin provides long life and protection from fading, cracking and dents.

Engineered for rainscreen compatibility the WC series is available in a variety of colours and configurations. Options for brick facades, range hood ducting, flat or curved hood, intake or exhaust, 4-8 inch duct compatibility and multi-cap configurations make the WC series the most versatile wall vent in the industry.



Other

- Interior grilles, diffusers and registers in a variety of colours and sizes.
- Trim plates for light fixtures, hose bibs and electrical outlets.
- Gutter accessories - mitre corners, downspout tile covers and leaf strainers.

NO OTHER HVAC VENTING COMPANY KNOWS MORE ABOUT THE RELATIONSHIP BETWEEN THE BUILDING ENVELOPE AND HVAC SYSTEMS.

Living in a temperate rainforest on Canada's wet west coast, we've seen a lot of rain! We know how difficult and important it is to maintain the integrity of a building envelope under constant attack from moisture. Our range of engineered, rainscreen-approved plastic products stand up to almost anything Mother Nature can throw at them.

SOLUTIONS FOR ALL YOUR ACTIVE VENTING NEEDS

Clothes Dryer

The buildup of lint, mould and debris inside vents and ducts can restrict airflow. That causes appliances to operate inefficiently. It may also increase the pollutants in a home and degrade air quality. In the case of a dryer vent, lint can build up and create a significant fire hazard.

A well-designed vent includes a removable hood which allows a homeowner or contractor access to the duct behind it without having to disturb the building envelope.

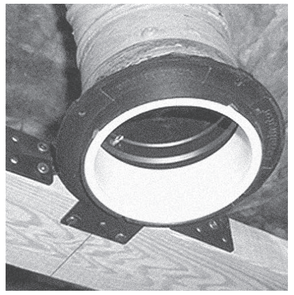
Bathroom Fan

A bathroom vent should move air away from nearby passive vents, which could allow moisture to re-enter the home and gather in the walls or rafters. It should incorporate a one piece design, and form a watertight seal with the roof or wall material around it. Primex offers a range of vents for effectively exhausting moisture from the structure.

Range Hood

Installation of an exhaust fan above a stove is a critical step in creating safe and enjoyable kitchens. Ideally, those fans will exhaust smells, smoke, water vapour and other gases to the outside. The idea is simple, but choosing the right materials to include in your design is not always easy.

EXTRA! EXTRA! NEW PRODUCT!



A perfect installation everytime.

Perfect HVAC Termination Everytime

Routing HVAC ductwork can be a complicated challenge, but your troubles aren't over when you reach the end of a duct in a wall or ceiling. You still need to cap it off with a vent or grille cover such as the Primex Whisper Grille. Working in tight spaces can make achieving a clean finish extremely difficult.

The good news is recent innovations are helping change that. Primex's Terminator Diffuser Collar is one of the products designed to make your life easier. The Terminator is an industrial-grade plastic collar that quickly and easily connects a grille to a vent for a perfect fit every time. It solves five common challenges faced by builders.

Finish with a whisper grille.

1. INSTALLING A MOUNT

The Terminator's standardized mounting system is a major time saver, eliminating the need to fabricate your own mount. Think of the convenience of not having to measure and level your ducting termination because the offset mounting brackets do the work for you. It also means you won't have to drill any holes in the duct itself.

Putting screws directly into the duct can sometimes block the attachment of a grille cover and cause lint build up.

2. FINDING A USABLE TERMINATION POINT

The Terminator makes it simple to position ducting terminations next to any convenient joist or stud. The bracket is designed to mount on both wood and metal.

3. MOVEMENT OF DUCTWORK BY OTHER TRADES

The Terminator holds your ductwork securely in place. You won't have to worry about other contractors accidentally shifting your duct as they route plumbing, and electrical systems, or install drywall.

4. SEALING THE DUCTWORK WITH THE COLLAR

The Terminator mounting bracket creates an offset to keep your ductwork clear of studs and joists. That will leave you the space to tape or apply sealant where the collar joins the ducting.

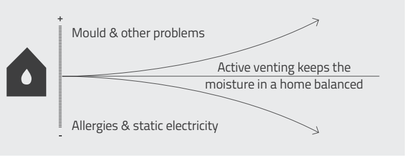
5. SAFETY CONCERNS POSED BY SHARP EXPOSED EDGES

The Terminator leaves behind a safe, smooth plastic edge that eliminates the chance of being cut during installation.

The Terminator is available in three sizes for compatibility with 4", 5", or 6" ducts. The diffuser collar is also preset for 1/2" and 5/8" drywall. It's an ideal fit for HRV, ERV and in-line fan supply and exhaust terminations. Choosing the Primex Terminator Diffuser Collar will not only eliminate sloppy installations, it will also save you time and increase efficiency.

For more information about this product, scan this: or visit our website at **primexfits.com/terminator**

HVAC VENTING: How a High Speed Fan Can Help



Moisture is a constant enemy in a home. Too much will create mould and other problems. Too little will aggravate allergies and create static electric shocks. Active venting is one important way you can help manage the water in the air.

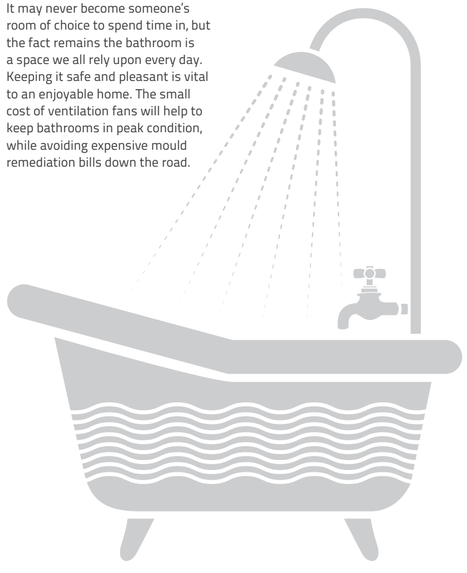
The bathroom can often be a home's greatest source of moisture issues. Every day people run water through toilets, showers and bath faucets, all inside some of their home's smallest rooms. Each time they do, they're increasing the humidity in that environment. If there's no way to get the water vapour out, they're setting the stage for problems.

The moisture created when a person takes a bath or shower will encourage mould to grow. That mould can cause all kinds of health issues including coughing, nasal stuffiness and other respiratory illnesses. Damp indoor environments can also ruin walls, cracking paint and causing wallpaper to peel. Metal components in the bathroom may start rusting and the water can even enter surrounding duct work, joists and framing. Considering all those potential concerns, it only makes sense to include a ventilation fan in a well-designed bathroom.

More than just removing water vapour, a fan will also help get rid of unpleasant odors that can occur in a lavatory. A properly installed fan will pull stale air out of the bathroom and force it outdoors through a wall, soffit or roof vent.

A good outside bathroom vent should be located away from passive soffit vents, which could allow moisture to re-enter the home and gather in the rafters. It should incorporate a one piece design, and form a watertight seal with the roof or wall material around it. Primex offers a range of vents for effectively exhausting moisture from the structure.

Fans are typically rated according to their CFM, or their ability to move air. The more cubic feet it moves per minute, the larger the space it can ventilate. A general guide for developers, contractors and builders is one cubic foot per minute for every square foot of floor space in a bathroom, assuming an eight foot ceiling. An appropriately sized fan will effectively limit the water vapour that collects on bathroom surfaces. It may never become someone's room of choice to spend time in, but the fact remains the bathroom is a space we all rely upon every day. Keeping it safe and pleasant is vital to an enjoyable home. The small cost of ventilation fans will help to keep bathrooms in peak condition, while avoiding expensive mould remediation bills down the road.



REDUCE THE RISK: Easy-To-Access Dryer Vents Save The Day

Just like building technologies, maintenance practices are constantly changing and should be carefully monitored. One of the home upkeep services currently growing in popularity is duct cleaning. Increasing awareness of allergies, air quality, and perceived risks associated with clogged vents is driving concern and action on the part of homeowners.

Mechanical contractors, builders and industry suppliers need to recognize this, and choose materials designed to ease access to their HVAC systems. Consider the reason you install a ventilation unit in a home: to move air from one place to another. The long term buildup of dust, mould and debris inside vents and ducts can eventually start to restrict airflow. That causes attached machinery like dryers, furnaces, or air conditioners to operate inefficiently. It may also increase the pollutants in a home and degrade air quality. In the case of a dryer vent, lint can build up and create a significant fire hazard. That's why more and more people are demanding regular cleaning. Traditionally, ducts and vent hoses are fixed in position. That means cleaners often have to access them through openings in walls, ceilings, roofs, or soffits. Those openings are usually covered with cap, diffuser, or hood. When you install those items, it's good to think about how someone will take them off in the future.

Not all hoods, caps and diffusers provide the same level of access. Termination vents that rely on caulking to seal and do not come apart will require careful cutting each time access to the duct is required. That process is time consuming, and can put the underlying building envelope at risk, increasing the potential for leaks. Removing a metal vent cover can lead to warping, denting or scratching.

In some jurisdictions, any disturbance to the building envelope could void the warranty and leave the owners and contractor unprotected. A well-designed vent will include a removable hood. That means a homeowner or contractor can access the duct behind it without having to disturb the original seal established with the building envelope. A modern plastic vent comprised of durable resins will also avoid denting and warping, while hiding unsightly scratches.

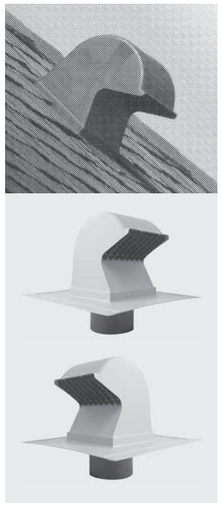
Plastic's light-weight is just another reason it's the obvious choice for convenient vent cover removal and reinstallation. Small details like these are what help make a home more livable. As builders and engineers, the decisions you make on seemingly simple components can help separate the great from the good.

SV Series – Soffit Vent Series

The Primex Soffit Vent Series (SV Series) consists of low-profile, durable exhaust solutions for a range of applications. The UV-stabilized, one-piece design eliminates leaky seams. A one-way damper prevents rodents and debris from entering the home while effectively exhausting moisture.

BENEFITS & FEATURES OF THE SV SERIES

1. Low profile, one-piece design is less obtrusive than traditional vents.
2. Choose from two different models for either 4" or 5" ducting.
3. Can be used in new or retrofit applications.
4. No need to penetrate the roof or walls.
5. No leaky seams on the vent hood.
6. Made from durable, UV-stabilized Polymer resin.
7. Lightweight and easy to install.
8. Available in Snow White and Taupe.



RV28 Goose-Neck Roof Vent

The Primex Goose-Neck Roof Vent (RV28) is built for the through-roof exhaust of dryers, bathroom and kitchen fans, stove vents, and intake for furnaces, fresh air makeup, and attic venting.

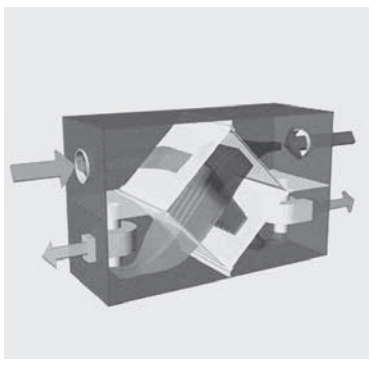
This patented, durable, watertight roof vent is easily installed and adapted to fit 4, 5, 6, 7 or 8-inch ducting (with optional adapter) for a perfect fit every time.

BENEFITS & FEATURES OF THE RV28

1. Provides all-weather ventilation with 5" of additional height for snow clearance.
2. Maximize inventories turns with single hood size and separate 4 to 8-inch easy snap-in adapters.
3. Patented design eliminates leaky joints and maximizes water protection with one-piece, moulded hood.
4. Ensures watertight installation with over-sized flange.
5. Resists damage from sun and hail with UVprotected, impact resistant polymer resin.
6. Simple intake/exhaust conversion via removable damper.
7. NOTE: For dryer applications use "no screen" (NS) model.

BEAT THE HEAT:
Three Tips to Keep Cool

After a long, cold winter across most of North America, scorching summer temperatures return. While there is plenty for people to enjoy outside, many of us will undoubtedly be focusing on the indoor discomforts that come with the heat. "It's too hot to sleep." "My condo feels like a sauna." Every year we hear the same complaints. So, what if you have a client asking for a home that can be cooled efficiently? Here are three ways you can make your homes more livable in the summer:



1. INSTALL AN ENERGY-RECOVERY VENTILATOR, OR "ERV" SYSTEM.

These ventilators provide year round benefits. They push stale, inside air out, while bringing fresh, outside air in. Their real advantage comes from introducing a heat exchanger into that process. It allows the conditioned air already inside a home to cool or warm, and humidify or dehumidify the incoming air. That means you won't have to spend as much heating, or cooling it once it enters the house.

National Research Council of Canada testing found an air conditioner in an ERV equipped home used 12 per cent less electricity than in one without an ERV, facing the same outdoor climate conditions. Of course, all ERV's require proper venting to and from the outside.

Plastic cap vents and hoods that allow plenty of airflow through the ducts, while maintaining the seal of the building envelope, will help ensure optimum operation of the system.

2. UPGRADE TO HIGH-POWER RANGE HOODS AND BATHROOM FANS.

Warm air can carry a lot of moisture. Introducing water vapour into an already warm home can make conditions inside intolerable. Humidity makes air feel hotter than it actually is. Meteorologists even have a measurement to account for the perceived change. They call it the Humidex.

The high-power bathroom fan ensures moisture and heat generated from a bath or shower is efficiently carried directly outside. A range hood above a stove will carry away the steam, and heat created by cooking. Again, when venting to the outdoors, a one-piece vent or hood will help ensure a successful installation at the outside wall or on the roof.

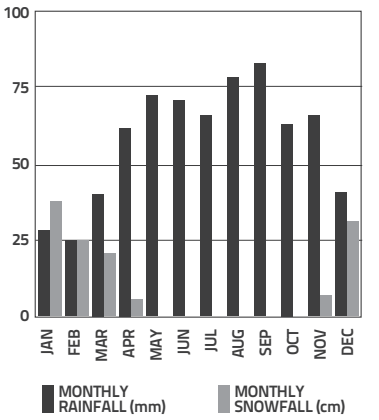
3. INSTALL A WHOLE-HOUSE FAN.

These fans have been popular for decades, and can make a significant difference in homes that are not equipped with air conditioners or geothermal heat pumps. The idea is to have a fan positioned in the ceiling between the main living space and an attic, running continuously throughout the summer. It pulls warm air into the attic. By creating a positive pressure differential in the attic that hot air is then forced to the outside through gable, roof or soffit vents. In turn, it creates negative pressure in the living space, which will pull cooler outside air in through open windows.

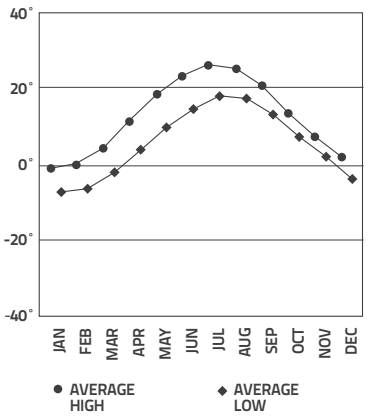
For all of the reasons we spend our winters longing for summer, it's important to make June, July, August and September enjoyable. Building a home designed to deal with summer's many HVAC challenges will only add to the appeal of long days and beautiful sunshine.

LOCAL WEATHER

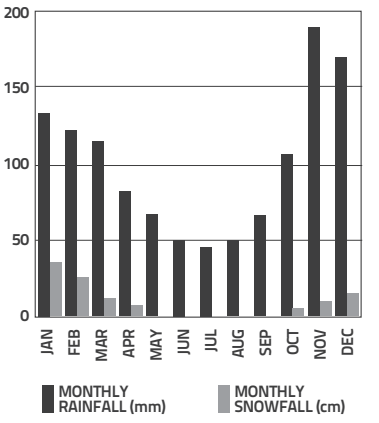
TORONTO'S AVERAGE RAINFALL AND SNOWFALL



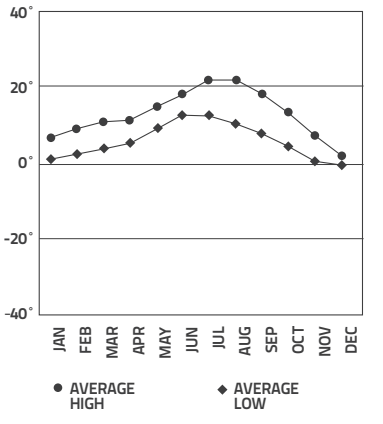
TORONTO'S AVERAGE TEMPERATURES (˚C)



VANCOUVER'S AVERAGE RAINFALL AND SNOWFALL



VANCOUVER'S AVERAGE TEMPERATURES (˚C)



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UNWANTED

No rust, no leaks, no worries

Our own team of in-house engineers and designers have learned a lot from collaborating with industry experts. Those lessons are applied to our mould designs to include product features that ensure leak free installations. Such as extra large flanges and built-in drip-edges that lead water away from the vent and seamless moulds that allow zero tolerance for leaks. Best of all, plastic never rusts. Ever. And, because Primex uses only high grade resin with the maximum amount of UV protection, our vents stay looking great for years and years. Plastic is also impact resistant, even at low temperatures. Primex vents won't dent or crack when hit with a baseball or hockey puck. They maintain their 'like new" look even after a hail storm that would dent a metal vent.

primex

ABOUT PRIMEX

At Primex, we design and build HVAC Venting solutions that match your project needs and business objectives.

Our products make better construction possible by providing our customers with the right fit at the right price.

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