

COMBO HOME HEAT

SUPER EFFICIENT, COMFORTABLE AND COMPACT



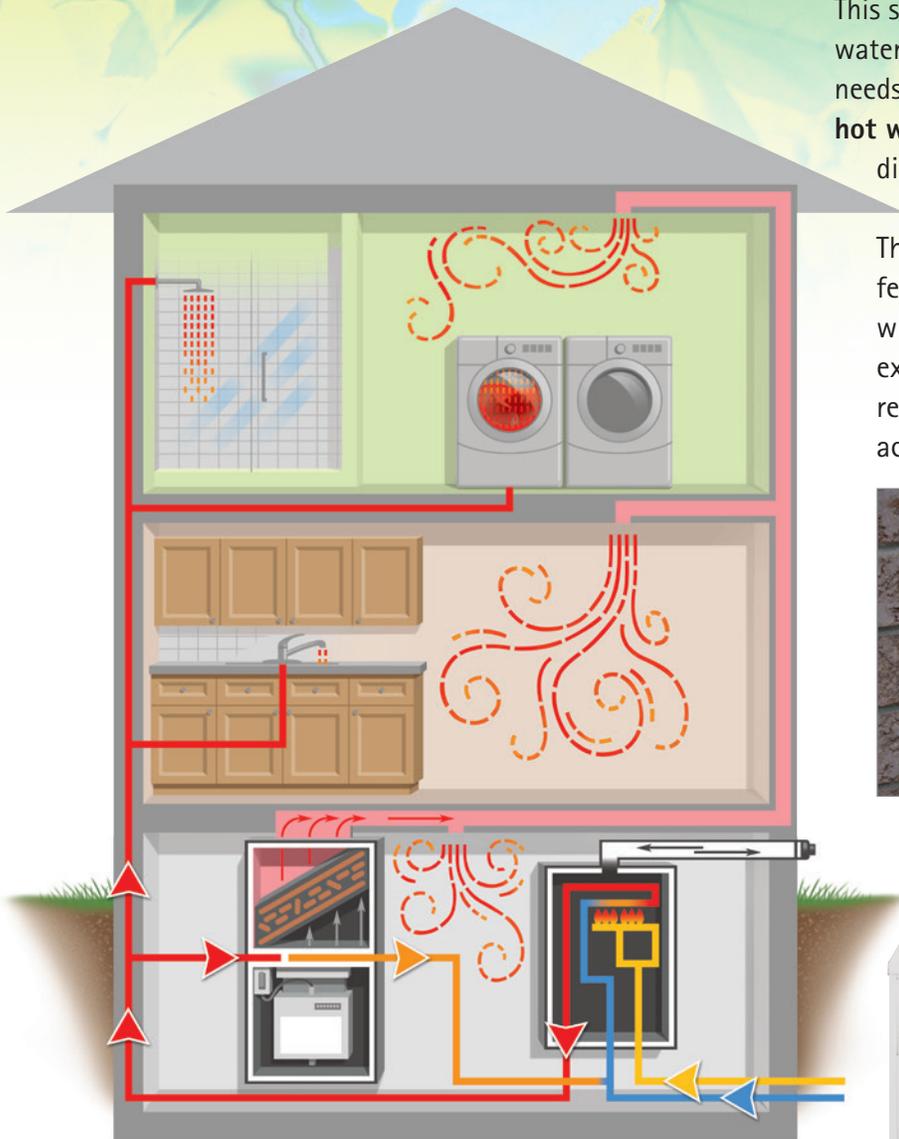
**RED
ZONE**™
DESIGNED TO PERFORM

AN EFFICIENT, SPACE-SAVING ALTERNATIVE

COMBO HOME HEAT CONSISTS OF A REDZONE™ AIR HANDLER CONNECTED TO VIRTUALLY ANY HOT WATER HEATER BUT ARE OPTIMIZED TO WORK WITH TANKLESS WATER HEATERS. WHEN PAIRED WITH A TANKLESS WATER HEATER, THIS NOT ONLY PROVIDES EFFICIENT HOME HEAT BUT VIRTUALLY ENDLESS DOMESTIC HOT WATER AS WELL.

This simplified diagram shows how the tankless water heater provides hot water for domestic needs throughout the home. It also sends **hot water** to the RedZone™ air handler - that distributes **warm air** throughout the home.

The diagram shows a tankless water heater featuring concentric venting. That is, a vent within a vent, capable of both intake and exhaust. This makes an extremely compact, retrofit installation as shown in the accompanying photo.



Note that the gas supply is indicated by yellow lines. Water supply is blue. Heated water is solid red. Warm water returning to the tankless unit is shown as orange. And warm heating air is shown as red dotted lines.



Typical low profile sidewall vent is an excellent choice for townhouses.



RedZone™ Air Handlers

The high efficiency ECM fan motor can run virtually non-stop to provide gentle, even warmth - yet is both quiet and economical.



MADE IN CANADA FOR THE CANADIAN CLIMATE





A variety of mounting and venting configurations are available to fit any home, old or new. In retrofit situations such as the one pictured below, existing ductwork can be used. In new home construction or major renovations, 3" diameter high-velocity mini ducts can be fit inside standard wall cavities, eliminating the need for extra bulkheads. This saves a lot of time and money - plus it simplifies the home's overall design, providing more useful space.

The RedZone™ DVS Air Handler is the **only system available** that can use either standard or three-inch diameter ducts.



Typical furnace and water tank installation takes up to about 25 square feet of floor space.



Neat, compact installation can be wall mounted.

Tankless hot water combo heating is a new and exciting hot water, home heat option. It offers some excellent advantages including: high efficiency, lower operating costs, simplified, cost-effective installation and gentle heat that's less dry than typical forced-air. However, some questions still remain:

Q: "What if I'm in the shower and the furnace turns on? Will the water suddenly go cold?"

A: "No problem." The Air Handler employs low flow technology and the Tankless Water Heater high flow rate technology so there's enough hot water for the whole family.

Q: "O.K. So what if we're doing a load of laundry and a load of dishes, plus someone's having a shower. Will the house eventually get cooler?"

A: "No, it shouldn't." Every home has unique hot water demands, but trained installers will plan for heavy-use situations and specify the correct size of tankless unit.

Q: "Can I add air conditioning to the system?"

A: "Absolutely." The Air Handler is designed to accept most brands of evaporator coils. You will also benefit from the ultra-efficient ECM motor.

RedZone™ Air Handler Specifications



MODELS	RXAH46	DVS400/600/800	DVS1000/1200
Dimensions	W 20" (508 mm) H 29.5" (749 mm) D 24" (610 mm)	W 17" (432 mm) H 35.5" (902 mm) D 23" (584 mm)	W 21" (533 mm) H 43.75" (1,111 mm) D 23" (584 mm)
Weight	98 lb (44.5 kg)	109 lb (49 kg)	120 lb (54 kg)
BTUs	46,000 BTU	DVS400 - 20,000 BTU DVS600 - 30,000 BTU DVS800 - 40,000 BTU	DVS1000 - 50,000 BTU DVS1200 - 60,000 BTU
Energy Factor	<i>Delivers the same efficiency as the tankless water heater.</i>		



MODELS	HVS600/800	HVR30/50
Dimensions	W 18" (457 mm) H 33.5" (851 mm) D 18.5" (470 mm) - HVS600 D 22.5" (572 mm) - HVS800	COMING SOON
Weight	HVS600 - 90 lb (41 kg) HVS800 - 100 lb (45 kg)	
BTUs	HVS600 - 35,000 BTU HVS800 - 46,000 BTU	
Energy Factor	<i>Delivers the same efficiency as the tankless water heater.</i>	

A NOTE ON COOLING:
The Air Handler was designed specifically to accommodate most brands of evaporator coils. This allows you and your HVAC professional to use the cooling equipment of your choice.

2016-09