



Tempstar® Multi-Zone Systems

Unmatched flexibility

TEMPSTAR®
Heating and Cooling Products

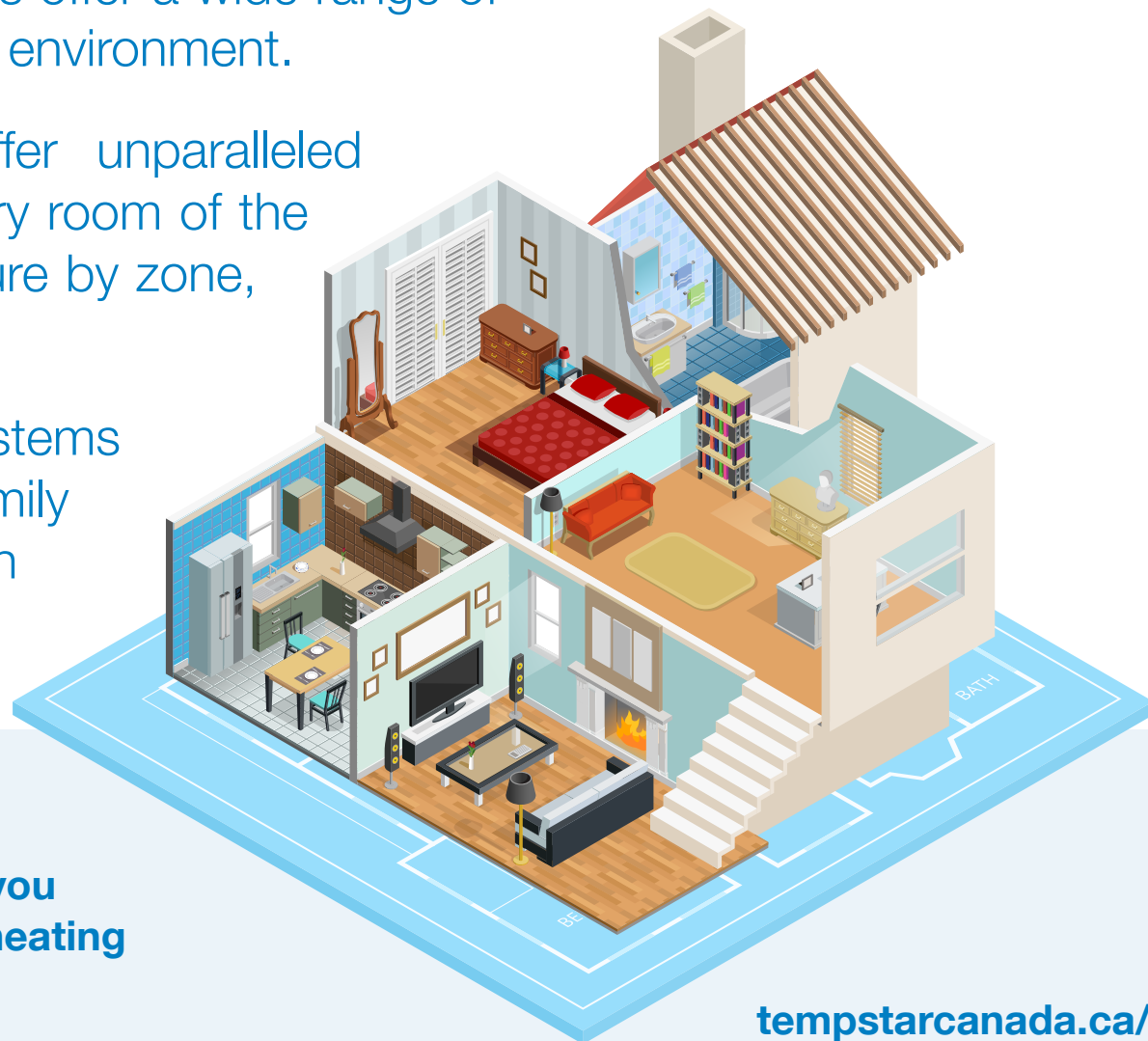


Tempstar® Multi-Zone Systems

Whether a house, condo, cottage or any other housing project, Tempstar® multi-zone systems offer a wide range of certified products to suit your environment.

Our multi-zone systems offer unparalleled flexibility and comfort for every room of the house. Control the temperature by zone, based on your preferences.

Tempstar® multi-zone systems ensure the well-being of all family members, no matter where in the house.



Contact one of our Tempstar® certified retailers, who can offer you the solution that best suits your heating and air-conditioning needs.

tempstarcanada.ca/en

Outdoor Units

Tempstar® technology lets you connect up to **five indoor units** to a single outdoor unit, reducing the number of outdoor units required to a minimum.

DLCMHBH-24CAK

- Unit can supply up to **3 interior zones**
- Produces **21,500 BTU/hr** at -15 °C



DLCMHBH-30DAK

- Unit can supply up to **4 interior zones**
- Produces **28,600 BTU/hr** at -15 °C



DLCMHBH-36DAK

- Unit can supply up to **4 interior zones**
- Produces **36,000 BTU/hr** at -15 °C



DLCMHBH-48EAK

- Unit can supply up to **5 interior zones**
- Produces **48,000 BTU/hr** at -15 °C



Indoor Units

Our multi-zone systems offer unparalleled flexibility and comfort in every room of the house. Control the temperature of each zone individually based on your preferences. Enjoy a system that ensures the well-being of all family members, no matter where in the house.

HIGH-PERFORMANCE SERIES

DLFSHB/C Wall Unit

Integrated temperature control for superior energy savings.



Eco Mode

The intelligent 8-hour night cycle program reduces energy use by approximately 60% by making the temperature more comfortable during sleep periods.

Follow Me

The remote control's built-in sensor detects the surrounding temperature and adjusts the room temperature more precisely for maximum comfort.

Wi-Fi®

Wi-Fi® connectivity available.

HIGH-PERFORMANCE SERIES

DLFSFB - 12 Wall Console

For optimized heating and air-conditioning.



Outside Air Inlet

Outside air can be brought into the room through the connection available on the indoor unit, which helps meet the ventilation requirement.

2-Way Optional Air Outlet

For up and down air outlet or up air outlet.

Wi-Fi®

Wi-Fi® connectivity available.

HIGH-PERFORMANCE SERIES

DLFSAB Ducted Unit

Multi-position air-handling unit for maximum flexibility.



Multi-Zone Compatibility

Connect the air-handling unit to select multi-zone outdoor units to create an integrated system, offering unique comfort and efficiency.

Comfort and Efficiency

Reduce the use of fossil fuels with this alternative to gas furnaces and benefit from cleaner energy and efficiency levels that comply with many local, provincial and federal requirements.

HIGH-PERFORMANCE SERIES

DLFSCA Cassette Unit

Maximum flexibility for optimal comfort control.



Integrated Electrical Components

Easy maintenance with the circuit box inside the unit, provides a more compact size for easier installation.

Follow Me

The remote control's built-in sensor detects the surrounding temperature and adjusts the room temperature more precisely for maximum comfort.

Wi-Fi®

Wi-Fi® connectivity available.

The Tempstar® Advantage

Ease of adaptability

Choose among different compatible indoor unit models to fit any application and environment. Our solutions are scalable and do not need to be installed all at once.



Comfort Guaranteed

With its *High Heat* technology, specially developed for the North American climate, our systems provide constant heat on the coldest winter nights while ensuring efficient air-conditioning on hot summer days.

10-Year Warranty

Tempstar® is a North American brand, reputed for its manufacturing quality, combining robustness and cutting-edge technology to fulfil the sector's highest standards. Attested by our limited 10-year worry-free warranty†.



PARTS AND COMPRESSOR

†To be eligible for the 10-year part warranty, the owner of the system must register within 90 days of installation, otherwise, only the basic warranty of 5 years parts, compressor will apply. Registration of the warranty is not mandatory in the province of Quebec. Labour fees are not included. For more information, ask your local dealer.

Zoning by room

Customize each room's temperature independently, according to its layout or use. You can benefit from substantial energy savings by avoiding overheating or over-air-conditioning less-occupied spaces.

Wi-Fi® connectivity available

Manage your installations remotely and optimize their energy efficiency even further.



Dimensions

Outdoor unit - DLCMHBH (High Heat)	DLCMHBH – 24CAK	DLCMHBH – 30DAK	DLCMHBH – 36DAK	DLCMHBH – 48EAK
Height (H) - mm (in)	810 (31.89)	810 (31.89)	1333 (52.48)	1333 (52.48)
Width (W) - mm (in)	946 (37.24)	946 (37.24)	952 (37.48)	952 (37.48)
Depth (D) - mm (in)	410 (16.14)	410 (16.14)	415 (16.34)	415 (16.34)

Specifications

Outdoor unit - DLCMHBH (High Heat)	DLCMHBH – 24CAK	DLCMHBH – 30DAK	DLCMHBH – 36DAK	DLCMHBH – 48EAK
Maximum number of units	3	4	4	5
Dry bulb temperature - outdoor cooling - minimum °C	-30	-30	-30	-30
Voltage (V/Ph/Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Circuit breaker (unit)	25 amp	30 amp	45 amp	45 amp
Pipe connector size - Liquid - mm (in)	6.35*3 (1/4*3)	6.25*4 (1/4*4)	6.25*4 (1/4*4)	6.25*5 (1/4*5)
Pipe connector size - Suction - mm (in)	9.52*3 (3/8*3)	12.7*1+9.52*3 (1/2*1+3/8*3)	12.7*2+9.52*2 (1/2*2+3/8*2)	12.7*2+9.52*3 (1/2*2+3/8*3)
Maximum pipe length per system - m (ft)	60 (197)	80 (262)	80 (262)	100 (328)
Compressor type	Inverter compressor	Inverter compressor	Inverter compressor	Inverter compressor
Coolant	R410A	R410A	R410A	R410A
Sound level (dba)	61	63	64	65

BREAKDOWN ELEMENT INCLUDED IN ALL MODELS

Ductless performance

Unit models (DLFSHB/C, DLFSFB and DLFSCA)	DLCMHBH – 24CAK	DLCMHBH – 30DAK	DLCMHBH – 36DAK	DLCMHBH – 48EAK
Seasonal energy efficient rate (SEER)	24.1	25	21.8	21.5
Energy efficient rate (EER)	13.1	12.5	13.6	11.6
Heating season performance factor (HSPF)	11.0	11.3	11.0	11.0
Maximal heating capacity (5 °F) - (BTU/hr)	23,000	29,400	36,000	48,000
Coefficient of performance (47 °F - 17 °F - 5 °F) - (COP)	(4.1 - 2.8 - 1.8)	(3.81 - 2.82 - 1.9)	(3.85 - 2.78 - 1.8)	(3.59 - 2.5 - 2.0)

Ducted and ductless performance

Unit model (DLFSHB/C, DLFSFB, DLFSCA, DLFSDA and DLFSAB)	DLCMHBH – 24CAK	DLCMHBH – 30DAK	DLCMHBH – 36DAK	DLCMHBH – 48EAK
Seasonal energy efficient rate (SEER)	22.6	22.4	20.4	20.9
Energy efficient rate (EER)	12.8	12.1	12.5	11.5
Heating season performance factor (HSPF)	10.8	10.7	11.0	10.8
Maximal heating capacity (5 °F) - (BTU/hr)	22,000	29,000	36,000	48,000
Coefficient of performance (47 °F - 17 °F - 5 °F) - (COP)	(3.96 - 2.85 - 1.85)	(3.81 - 2.79 - 1.88)	(3.8 - 2.65 - 1.7)	(3.73 - 2.48 - 1.9)

Ducted performance

Unit model (DLFSDA and DLFSAB)	DLCMHBH – 24CAK	DLCMHBH – 30DAK	DLCMHBH – 36DAK	DLCMHBH – 48EAK
Seasonal energy efficient rate (SEER)	21.1	19.8	19.0	20.2
Energy efficient rate (EER)	12.5	11.6	11.3	11.4
Heating season performance factor (HSPF)	10.5	10.0	11.0	10.5
Maximal heating capacity (5 °F) - (BTU/hr)	21,500	28,600	36,000	48,000
Coefficient of performance (47 °F - 17 °F - 5 °F) - (COP)	(3.81 - 2.85 - 1.95)	(3.81 - 2.75 - 1.85)	(3.74 - 2.52 - 1.7)	(3.86 - 2.45 - 1.85)

The manufacturer reserves the right to modify the specifications and models at any time without notification and without obligation.