



# The Tempstar<sup>®</sup> Hybrid Solution

The Best of Both Worlds



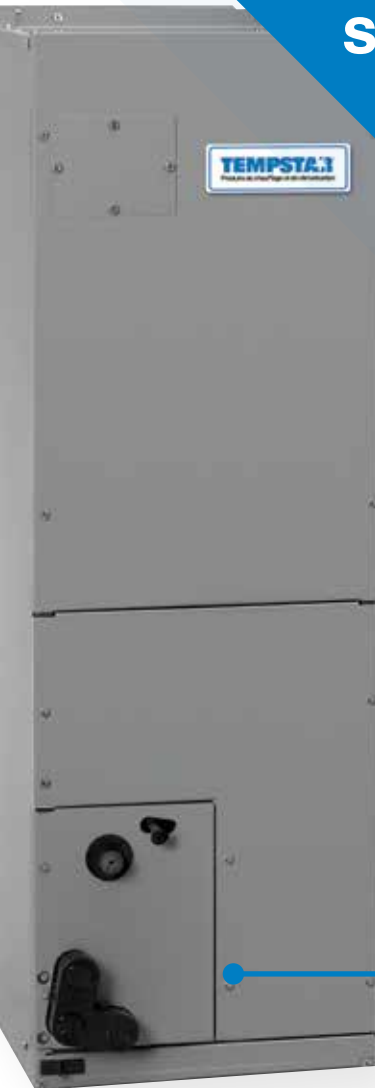
**TEMPSTAR<sup>®</sup>**  
Heating and Cooling Products  
*A Proud Member of the Carrier Family*

# The Best of Both Worlds

New generation forced air system

HIGH HEAT

HEAT AT -30°C



## The Tempstar® hybrid system

Our HYBRID system combines performance with optimization. Our technological expertise makes Tempstar® the star of controlled comfort, enabling precious savings through more intelligent consumption.

## Ideal for conversion projects

The Tempstar® hybrid system is the perfect replacement product during this transition year and is an optimal alternative to oil or gas furnaces.

**Our Tempstar® dealers will provide you with the heating and cooling solutions you need.**

# Enjoy the advantages of traditional systems with the Tempstar® Hybrid Solution. At last, you'll find the versatility, flexibility and efficiency you desire.

## Less energy

Our hybrid solution uses High Heat technology to enable our heat pumps to adjust their operation gradually according to your domestic requirements, without unnecessary energy consumption, while maintaining a constant, comfortable temperature.



## More comfortable

The Tempstar® Hybrid Solution is a central system offering greater flexibility to better cope with temperature variances for air conditioning and heating systems in Canada.

## More efficient

Specially designed to cope with harsh Canadian winters, the Tempstar® Hybrid Solution is the only system that offers 100% efficiency at -15°C, making it a reliable, effective source of heating and reducing the need for auxiliary heating units.

# HIGH HEAT

## Simple to install

The Tempstar® Hybrid Solution adapts to all spaces and all applications. Our hybrid product is a universal solution to suit all needs.

## More reliable

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



<sup>†</sup>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.

# Our hybrid solutions

## Dimensions

Indoor unit - DLFUAAH	DLFUAAH – 18XAK	DLFUAAH – 24XAK	DLFUAAH – 30XAK	DLFUAAH – 36XAK	DLFUAAH – 48XAK	DLFUAAH – 60XAK
Height (H) - mm (in)	1143 (45)	1143 (45)	1245 (49)	1245 (49)	1245 (49)	1346 (53)
Width (W) - mm (in)	445 (17.5)	445 (17.5)	534 (21)	534 (21)	534 (21)	622 (24.5)
Depth (D) - mm (in)	534 (21)	534 (21)	534 (21)	534 (21)	534 (21)	534 (21)

Outdoor unit - DLFUAAH (High Heat)	DLCURAH – 18ABK	DLCURAH – 24ABK	DLCURAH – 30ABK	DLCURAH – 36ABK	DLCURAH – 48ABK	DLCURAH – 60ABK
Height (H) - mm (in)	673 (26.50)	810 (31.89)	810 (31.89)	1333 (52.48)	1333 (52.48)	1333 (52.48)
Width (W) - mm (in)	890 (35.04)	946 (37.24)	946 (37.24)	952 (37.48)	952 (37.48)	952 (37.48)
Depth (D) - mm (in)	338 (13.29)	407 (16.02)	407 (16.02)	415 (16.34)	415 (16.34)	415 (16.34)

## Specifications

Indoor unit - DLFUAAH	DLFUAAH – 18XAK	DLFUAAH – 24XAK	DLFUAAH – 30XAK	DLFUAAH – 36XAK	DLFUAAH – 48XAK	DLFUAAH – 60XAK
Voltage(V/Ph/Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Disjoncteur	15 amp	15 amp	15 amp	15 amp	15 amp	15 amp
Pipe connector size Liquid - mm (IN)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Pipe connector size Suction - mm (IN)	19 (3/4)	19 (3/4)	19 (3/4)	19 (3/4)	19 (3/4)	22 (7/8)
Maximal capacity in KW per model	10kw	15kw	15kw	20kw	20kw	25kw
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A
Air flow (4 speed) - ft <sup>3</sup> / min	488/529/576/618	629/694/759/824	712/806/894/1088	865/971/1082/1188	906/1094/1282/1471	1135/1359/1582/1806

### Multi-position air handling unit

Outdoor unit - DLCURAH (High Heat)	DLCURAH – 18ABK	DLCURAH – 24ABK	DLCURAH – 30ABK	DLCURAH – 36ABK	DLCURAH – 48ABK	DLCURAH – 60ABK
Voltage(V/Ph/Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Circuit breaker	20 AMP	35 AMP	35 AMP	50 AMP	50 AMP	60AMP
Dry bulb temperature - outdoor cooling - minimum degree C	-30	-30	-30	-30	-30	-30
Pipe connector size Liquid - mm (IN)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Pipe connector size Suction - mm (IN)	19 (3/4)	19 (3/4)	19 (3/4)	19 (3/4)	19 (3/4)	22 (7/8)
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A
Compressor type	Inverter converter	Inverter converter	Inverter converter	Inverter converter	Inverter converter	Inverter converter
Sound level (dba)	58	64	62	64	64	64

## Performances

Outdoor unit - DLCURAH (High Heat)	DLCURAH – 18ABK	DLCURAH – 24ABK	DLCURAH – 30ABK	DLCURAH – 36ABK	DLCURAH – 48ABK	DLCURAH – 60ABK
Seasonal energy efficient ratio (SEER)	20.0	20.0	18.0	18.0	16.0	16.4
Energy efficient ratio (EER)	12.5	12.5	11.0	10.5	8.5	9.0
Heating season performance factor (HSPF)	11.0	12.0	10.5	10.5	10.0	10.5
Maximal heating capacity (-15 deg) (BTU/H)	19,000	24,000	28,500	34,500	47,000	50,000
Coefficient of performance (47 deg F - 17 deg F - 5 deg F) - (COP)	(3.59 - 2.75 - 1.90)	(3.45 - 2.70 - 1.80)	(3.48 - 2.60 - 1.96)	(3.45 - 2.65 - 1.80)	(3.00 - 2.30 - 1.88)	(3.50 - 2.60 - 1.96)