



**SPLIT SYSTEM  
AIR/AIR**

**TECH 2000**

---

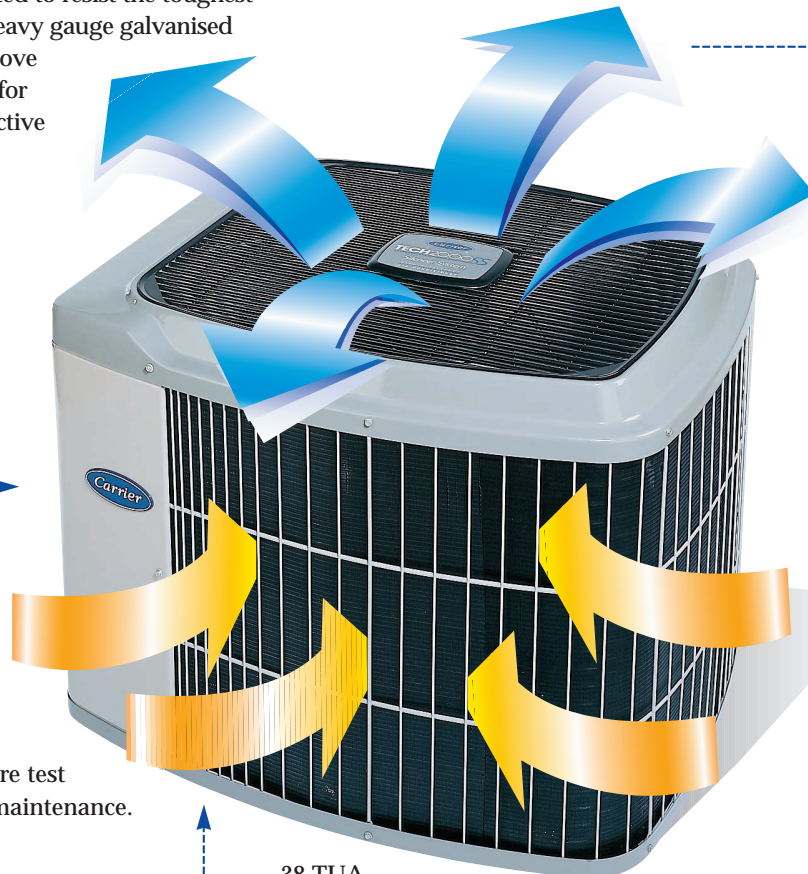
**38 TUA/38 CKX  
38 YCX - FB4 ASX**

**THE CARRIER  
COMFORT LINE**



# THE ROAD TO

All the materials used are designed and protected to resist the toughest climates: heavy gauge galvanised steel and stove enamelled for extra protective finishing.



- All electrical equipment complies with European guidelines and new EC directives.
- Heat pump cycle with four position valve (38 YCX) and defrosting optimized by the electronic control system.
- Fitted high and low pressure safety switches as standard.

Refrigerant circuit service valves with easily accessible pressure test ports for start-up and maintenance.

38 TUA

## CARRIER TECHNOLOGY SOMETHING TO SHOUT ABOUT

With the quietest outdoor units (38 TUA) on the market and a choice of 4 capacity ratings (from 7 to 17 kW) in cooling-only and heat pump, the new TECH 2000 CARRIER has arrived!

Plus a wide range of units with available high static pressures for all residential and light commercial applications.

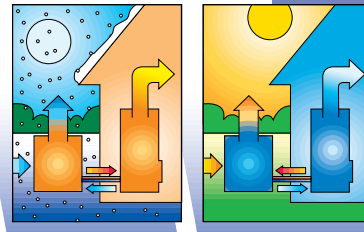
Carrier technology has gone through the sound barrier to achieve the last word in comfort !



38 CKX/YCX

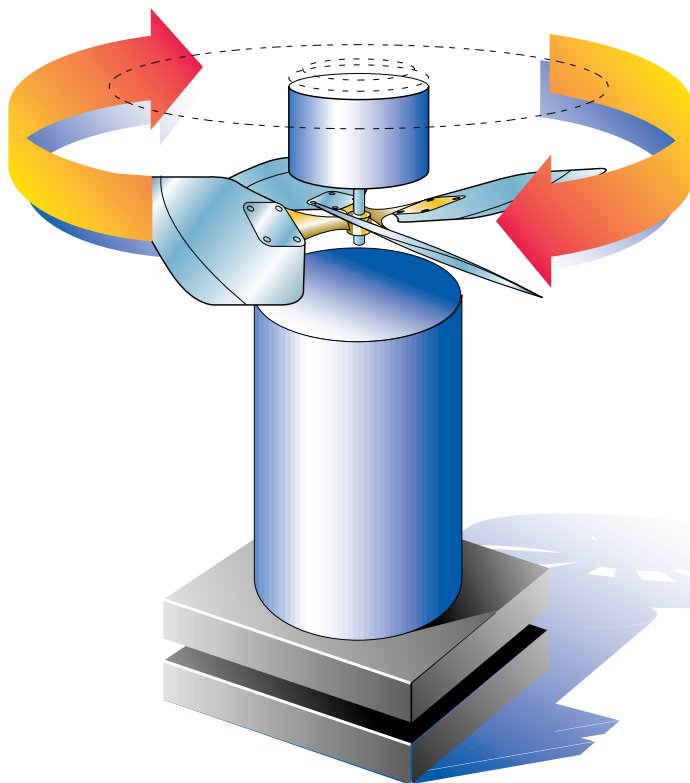
38 TUA

# COMFORT



## TECH 2000: WINTER AND SUMMERTIME COMFORT

The Tech 2000 heat pump version is an extremely efficient heater. Economic to run and whisper-quiet it reduces fuel costs and guarantees ideal comfort in both heating and cooling modes.



**The new INVIROFLOW grille** improves air exhaust efficiency, significantly reduces noise levels (38 TUA) and cuts power consumption by as much as 20%.

**The low rotation speed** 700 rpm (11,7 r/s) reduces power consumption and makes units even quieter (38 TUA).

**The SCROLL Compressor** is mounted on a double suspension system to eliminate noise generated by vibrations.

**A sound-proofed enclosure cover** reduces overall compressor noise levels

## TECH 2000: SMALL IS BEAUTIFUL

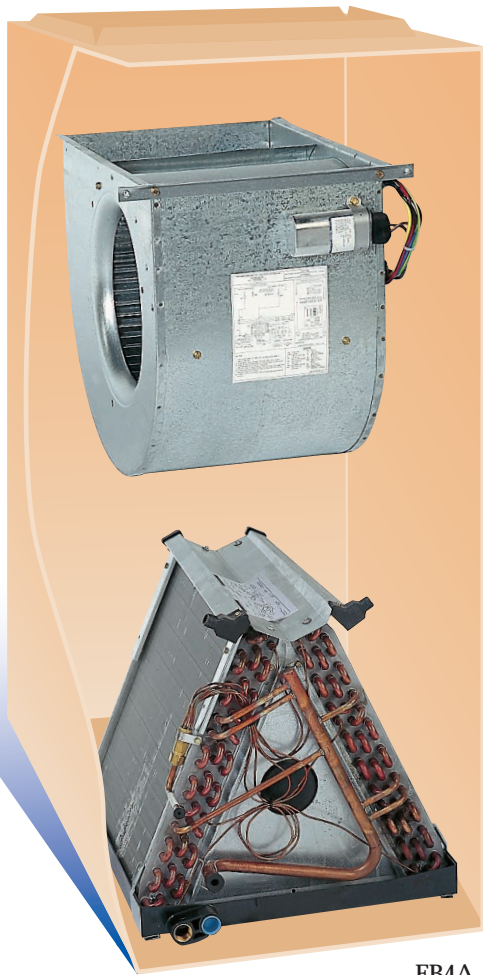
Quietly discreet, outdoor Tech 2000 units are remarkably compact. This is because they use state-of-the-art grooved tube and louvred fin technology to increase heat exchanger surface areas and improve thermal transfers. Maximum efficiency in the minimum amount of space.



**IMPROVED  
HEAT  
TRANSFER**



# COMFORT

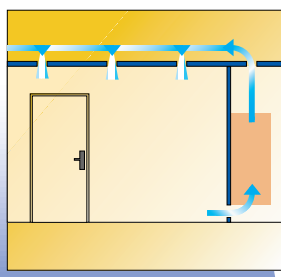


FB4A

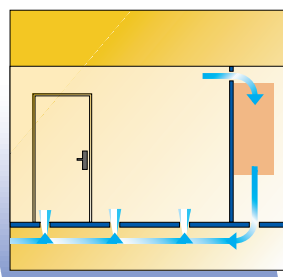
- 7 indoor unit sizes ideal for a wide range of applications.
- 3 fans speeds -320 to 890 l/s per hour flow rates.
- Insulated interior for very low noise levels.
- Carrier patented Accurator™ expansion system.
- High technology heat exchangers (grooved copper tubes and louvred fins) pre-coated for anti-corrosion and with protective grilles for optimum performance and long service life.
- Anti-corrosion plastic drain pan for condensation removal.

## ALL-ROUND EFFICIENCY

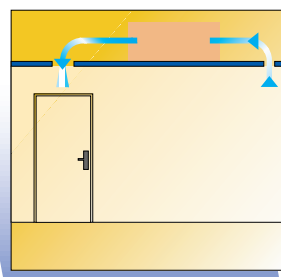
Indoor units are extremely easy to install with three air flow discharge positions: vertical, downwards and horizontal.



1



2

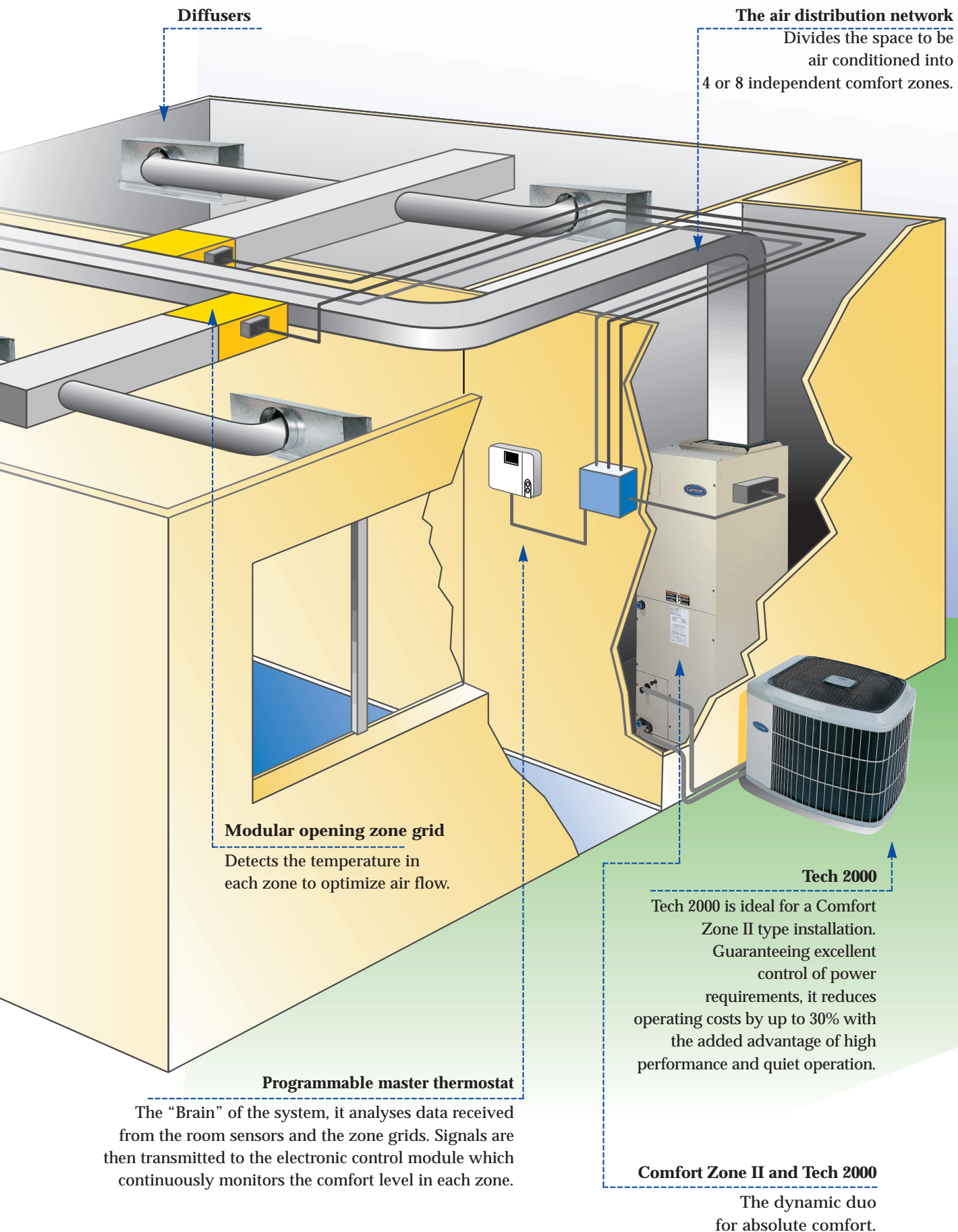


3

**1** Standard installation in utility room (blower vertical discharge upwards).

**2** Inverted assembly in utility room downwards discharge, ducted network or ceiling void network).

**3** Horizontal discharge.



# TECH 2000 / COMFORT ZONE II: AN INTEGRATED SYSTEM WHICH CHANGES FLOW RATES AND TEMPERATURES AS NEEDED

## TECHNICAL CHART

AIR TO AIR SPLIT SYSTEM / COOLING ONLY MODE									
▶ OUTDOOR UNIT 38 TUA	024	036	048	060	▶ OUTDOOR UNIT 38 CKX	024	036	048	060
▶ Sound pressure level at 10 m. - dB(A)	42	48	48	48	▶ Sound pressure level at 10 m. - dB(A)	50	50	50	50
▶ Nominal cooling capacity kW	6.7	10.3	13.8	16.8	▶ Nominal cooling capacity kW	6.7	10.3	13.6	16.7
▶ Full load Amps - A	19.4	8.7	10.7	12.6	▶ Full load Amps - A	15	8.7	10.6	11.9
▶ Refrigerant	← R22 →				▶ Refrigerant	← R22 →			
▶ Compressor	← Scroll →				▶ Compressor	Reciprocating		Scroll	
▶ Outdoor fan	"INVIROFLOW" vertical direct drive fan				▶ Outdoor fan	Vertical direct drive fan			
▶ Height mm	706	706	859	1011	▶ Height mm	557	862	710	1014
▶ Width mm	572	762	762	762	▶ Width mm	572	572	762	762
▶ Length mm	699	888	888	888	▶ Length mm	572	572	762	762
▶ Operating weight kg	65.8	99.8	111.6	137.4	▶ Operating weight kg	59	67	95	100
▶ Power supply - V - ph - Hz	230-1-50	← 400-3-50 →			▶ Power supply - V - ph - Hz	230-1-50	← 400-3-50 →		

AIR TO AIR SPLIT SYSTEM / HEAT PUMP MODE				
▶ OUTDOOR UNIT 38 YCX	024	036	048	060
▶ Sound pressure level at 10 m. - dB(A)	50	50	50	50
▶ Nominal cooling capacity kW	6.7	10.3	13.6	16.7
▶ Nominal heating capacity kW	6.7	10.5	13.8	17.3
▶ Full load Amps - A	15	8.7	10.6	11.9
▶ Refrigerant	← R22 →			
▶ Compressor	Reciprocating	Reciprocating	Scroll	Scroll
▶ Outdoor fan	← Vertical direct drive fan →			
▶ Height mm	862	1014	862	862
▶ Width mm	572	762	762	762
▶ Length mm	572	762	762	762
▶ Operating weight kg	66	101	102	118
▶ Power supply - V - ph - Hz	230 - 1 - 50	← 400 - 3 - 50 →		

INDOOR FAN UNIT					
▶ INDOOR UNIT FB4 ASX	024	036	048	060	070
▶ Nominal cooling capacity kW	8.2	12.3	17.3	19.9	19.9
▶ Nominal air flow m³/h	1260	1980	2700	2970	2970
▶ Nominal air flow l/s	350	550	750	825	825
▶ External static pressure	← 25 to 125 Pa →				
▶ Height mm	1084	1260	1357	1357	1503
▶ Width mm	364	448	536	536	612
▶ Length mm	561	561	561	561	561
▶ Operating weight kg	45	56	72	76	90
▶ Power supply - V - ph - Hz	← 230 - 1 - 50 →				



CMS1DB001A 02/99  
 Manufacturer reserves the right to change any product specifications without notice.  
 Printed in France on Elemental Chlorine Free Paper.

CARRIER AIR CONDITIONING  
 Airport Trading Estate, Biggin Hill  
 Kent TN16 3BW (UK)  
**Tel: 0870 600 1144**

