

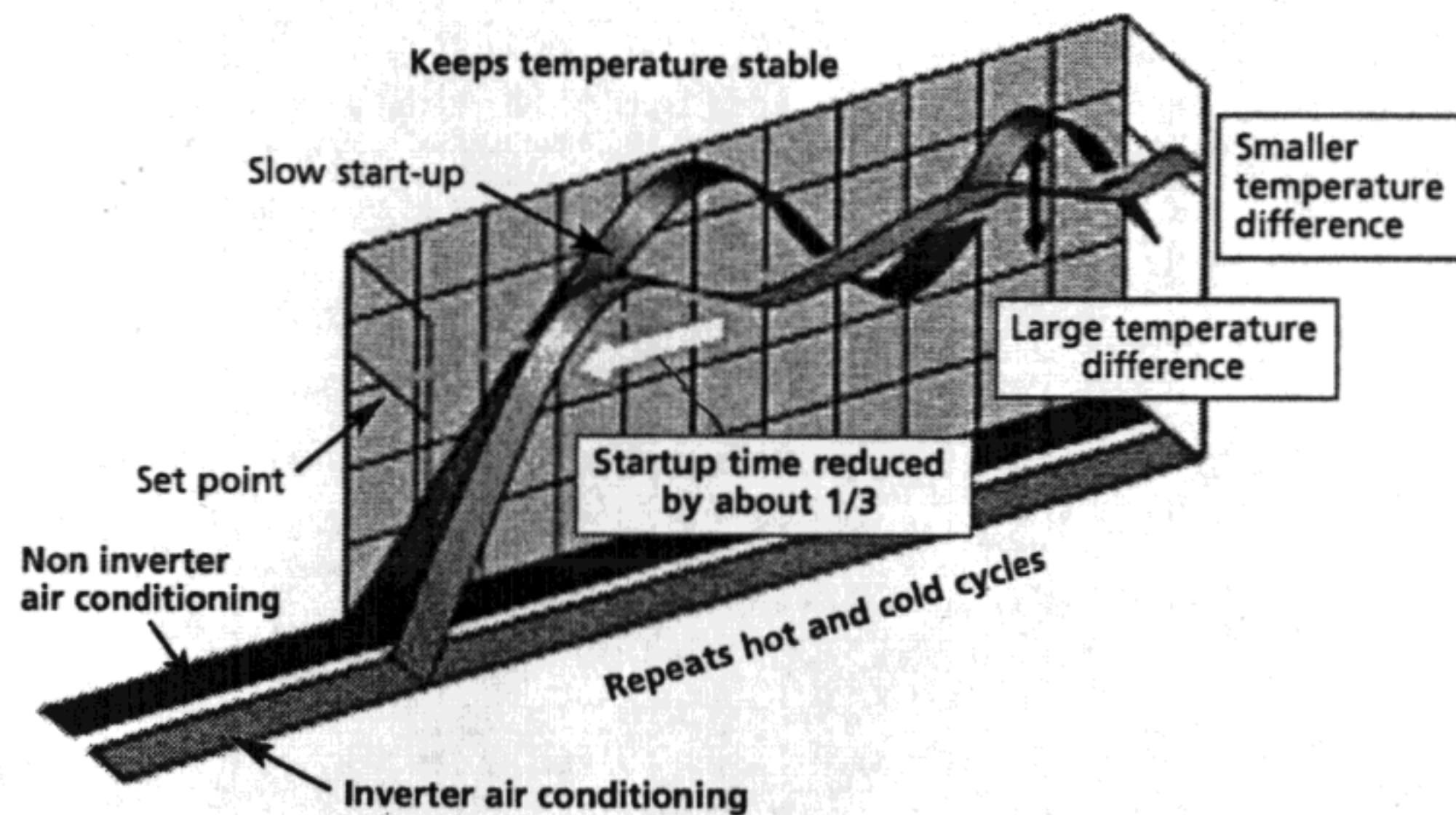
ENERGY EFFICIENT

- Energy label: up to class A

- **Inverter technology**

Improved energy efficiency:

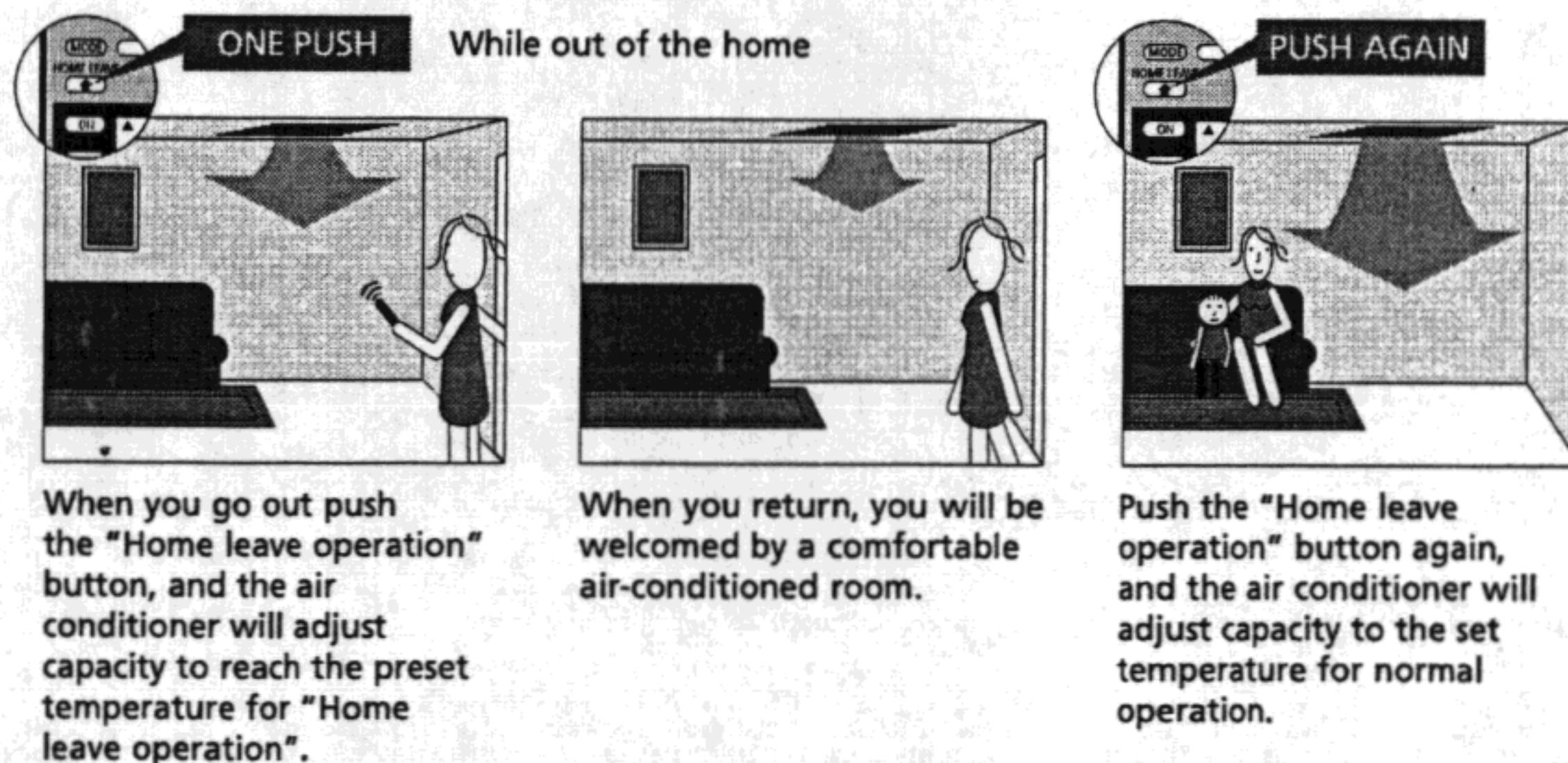
The use of integrated inverter control ensures maximum **energy efficiency** by supplying only the required heating or cooling load where a standard non inverter unit would supply maximum load in an on/off regime.



Improved comfort:

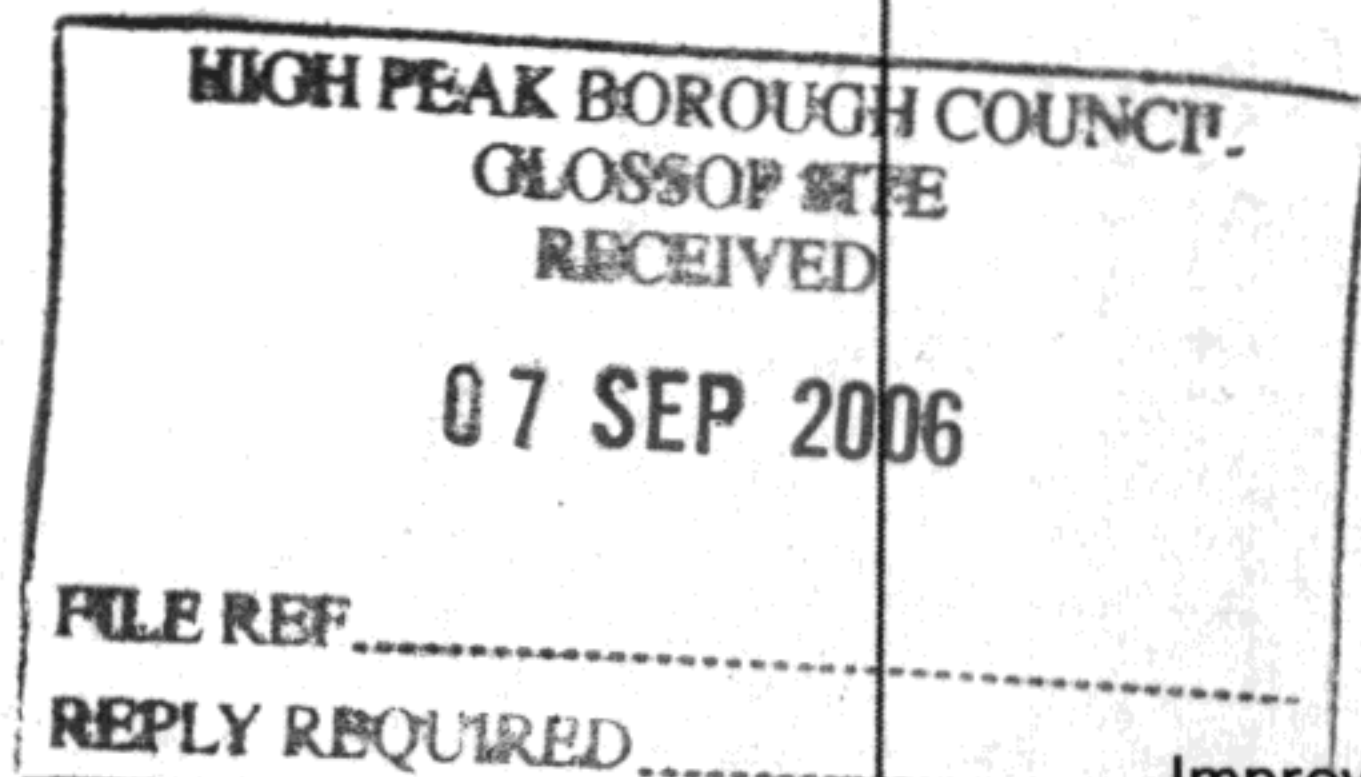
The rapid start up time provided by the inverter increases **comfort** by reducing the lead time in obtaining the required indoor temperature. As soon as the required temperature is reached, the inverter unit continuously scans the room for small changes and adjusts the room temperature in seconds, thereby increasing comfort once again.

- The **'home leave' operation** button prevents large temperature differences by continuously operating at a minimum (heating mode) or maximum (cooling mode) preset level while you're out or sleeping. It also allows the indoor temperature to return quickly to your favourite comfort level.



APPLICATION OPTIONS

- This model can be used both in **cooling only or heating**.
- It is possible to use the indoor unit in **pair** (connecting one indoor to one outdoor), **twin**, **triple**, **double twin** (connecting up to 4 indoors in the same room to a single outdoor) and **multi** applications (connecting up to 9 units in several rooms to 1 outdoor unit).



Capacity and power input

COOLING ONLY - INVERTER CONTROLLED (air cooled)				FCQ35B7V1 RKS35DVMB	FCQ50B7V1 RKS50BVM9	FCQ60B7V1 RKS60BVM9			
Cooling capacity	min~nom~max	kW		3.40 (nom)	0.90~5.00~5.60	0.90~5.70~6.00			
Nominal input	nominal	kW		1.21	1.92	2.19			
EER				2.81	2.60	2.60			
Energy label				C	E	E			
Annual energy consumption	cooling	kWh		605	960	1,095			
COOLING ONLY - NON INVERTER (air cooled)				FCQ50B7V1 RS50BVM9	FCQ60B7V1 RS60BVM9	FCQ71B7V3B RR71B7V3B/W1B	FCQ100B7V3B RR100B7V3B/W1B	FCQ125B7V3B RR125B7W1B	
Cooling capacity	nominal	kW		5.00	5.70	7.10	10.00	12.50	
Nominal input	nominal	kW		1.92	2.19	2.72/2.66	3.83/3.56	4.66	
EER				2.60	2.60	2.61/2.67	2.61/2.81	2.68	
Energy label				E	E	D/D	D/C	D	
Annual energy consumption	cooling	kWh		960	1,095	1,360/1,330	1,915/1,780	2,330	
HEAT PUMP - INVERTER CONTROLLED (air cooled)				FCQ35B7V1 RXS35DVMB	FCQ50B7V1 RXS50BVM9	FCQ60B7V1 RXS60BVM9	FCQ71B7V3B RZQ71B8V3B	FCQ100B7V3B RZQ100B8V3B/B7W1B	FCQ125B7V3B RZQ125B8V3B/B7W1B
Cooling capacity	min~nom~max	kW		3.40 (nom)	0.90~5.00~5.60	0.90~5.70~6.00	7.10 (nom)	10.00 (nom)	12.50 (nom)
Heating capacity	min~nom~max	kW		4.10 (nom)	0.90~6.00~7.00	0.90~7.00~8.00	8.00 (nom)	11.20 (nom)	14.00 (nom)
Nominal input	cooling	nominal	kW	1.21	1.92	2.19	2.16	2.64	3.88
	heating	nominal	kW	1.28	1.87	2.19	2.56	3.14	4.36
EER				2.81	2.60	2.60	3.29	3.79	3.22
COP				3.20	3.21	3.20	3.13	3.57	3.21
Energy label	cooling			C	E	E	A	A	A
	heating			C	c	D	D	B	C
Annual energy consumption	cooling	kWh		605	960	1,095	1,080	1,320	1,940
HEAT PUMP - NON INVERTER (air cooled)				FCQ71B7V3B RQ71B7V3B/W1B	FCQ100B7V3B RQ100B7V3B/W1B	FCQ125B7V3B RQ125B7W1B			
Cooling capacity	nominal	kW		7.10	10.00	12.50			
Heating capacity	nominal	kW		8.00	11.20	14.60			
Nominal input	cooling	nominal	kW	2.72/2.66	3.83/3.56	4.66			
	heating	nominal	kW	2.85/2.80	3.75/3.66	5.05			
EER				2.61/2.67	2.61/2.81	2.68			
COP				2.81/2.86	2.99/3.06	2.89			
Energy label	cooling			D/D	D/C	D			
	heating			D/D	D/D	D			
Annual energy consumption	cooling	kWh		1,360/1,330	1,915/1,780	2,330			

Notes:

1) Energy label: scale from A (most efficient) to G (less efficient).

2) Annual energy consumption: based on average use of 500 running hours per year at full load (= nominal conditions)

MULTI - COOLING ONLY				Max. n° of indoor units	Max. cooling capacities (kW)	Max. PI cooling (kW)		
4MKS58D				4	6.60	2.47		
4MKS75D				4	9.27	3.71		
4MKS90D				4	9.86	3.52		
MULTI - HEAT PUMP				Max. n° of indoor units	Max. cooling capacities (kW)	Max. PI cooling (kW)	Max. heating capacities (kW)	Max. PI heating (kW)
2MXS52D*				2	6.50	2.69	7.34	2.42
3MXS52D*				3	6.50	2.69	7.34	2.42
4MXS68D*				4	8.68	3.69	10.64	3.41
4MXS80D*				4	9.49	3.34	11.00	3.52
SUPER MULTI PLUS - HEAT PUMP				Max. n° of indoor units	Max. cooling capacities (kW)	Max. PI cooling (kW)	Max. heating capacities (kW)	Max. PI heating (kW)
RMS112D*				7	11.20	3.57	12.50	4.01
RMS140D*				8	14.00	5.23	16.00	5.31
RMS160D*				9	15.50	5.55	17.50	5.56

Notes:

- For more detailed information about specifications, capacities, power input, energy labelling and annual energy consumption, please refer to our Multi Model catalogue/Super Multi Plus catalogue or check with your local dealer.

* At least 2 indoor units should be connected to a Multi outdoor unit.

TWIN/TRIPLE/DOUBLE TWIN APPLICATION	FCQ35B7V1	FCQ50B7V1	FCQ60B7V1	FCQ71B7V3B	FCQ100B7V3B	FCQ125B7V3B
RR/RQ71	2					
RR/RQ100	3	2				
RR/RQ125		3	2			
RZQ71	2					
RZQ100	3	2				
RZQ125	4	3	2			
RZQ140	4	3		2		
RZQ200		4	3	3	2	
RZQ250			4			2