

BCDimplex®

- Inverter Technology
- Cooling & Heating



INVERTER SPLIT SYSTEM AIR CONDITIONERS



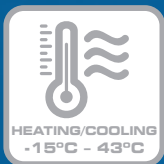
**COMFORT.
BY DESIGN**



Dimplex - Creating Comfort By Design

With a heritage of over 60 years, Dimplex has an unmatched reputation for quality, reliability and an unrivalled experience in creating comfort by design.

It remains at the forefront of product development and innovation and with such a distinguished heritage you can be assured that all Dimplex split system air conditioners will exceed expectations, bringing you comfort when it's needed most.



Dimplex Inverter Split System Air Conditioners Cools, heats, cleans, dehumidifies your air



Guaranteed Performance Cooling/Heating when it counts



Dimplex Inverter Split System Air Conditioners will provide cooling and heating when you need it most.

We guarantee our units will keep you warm in winter even with outside temperatures down to -15°C and cool in summer with outside temperatures up to 43°C.

5-Year Warranty Built to last



Feel secure in the fact that Dimplex Inverter Split System Air Conditioners are backed by a full 5 year warranty. As part of our commitment to product quality we also apply stringent controls to every part of the manufacturing process and are ISO9002 approved. At Dimplex we stand behind all of our products and continuously strive to exceed consumer expectations.

Full 5-Year Warranty only when installed by an accredited Dimplex installer.



Inverter Technology Why buy an Inverter?



Dimplex Inverter Split System Air Conditioners are up to 30% more efficient than standard fixed speed systems, saving power and reducing energy costs. The inverter systems can also reach the set temperature up to four times faster than standard systems. Once this temperature is reached Dimplex Inverters have a highly accurate temperature control keeping temperatures constant unlike standard systems that can fluctuate over or under your desired temperature.

Silver Ion Filtration System

Breathe easy with Dimplex



The Dimplex Ion Filtration system is a device that removes dust, dirt, odours along with harmful bacteria and micro-organisms. Rooms are healthier for those suffering from asthma, allergies, impaired immunity, or respiratory ailments, without as many allergens circulating in the air. Breathe easy with Dimplex.

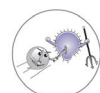


Bacteria free environment

The Dimplex Silver ion filter kills bacteria in the air and controls the growth of microbes, such as bacteria, virus, fungi, and spores, by destroying their inner configuration and absorbing the cells elements.



Silver ion attracts bacteria



Silver ion combines with bacteria



Silver ion kills the bacteria's protein cell



Bacteria is eliminated

INVERTER SPLIT SYSTEM SPECIFICATIONS

MODEL			GD09I	GD12I	GD18I	GD24I
INDOOR UNIT			GD09I-IN	GD12I-IN	GD18I-IN	GD24I-IN
OUTDOOR UNIT			GD09I-OUT	GD12I-OUT	GD18I-OUT	GD24I-OUT
Cooling Capacity		kw	2.50	3.50	5.01	7.20
Cooling Range		kw	0.99 - 3.19	1.33 - 4.29	1.81 - 5.90	3.76 - 8.11
Cooling Input Range		kw	0.32 - 1.29	0.53 - 1.74	0.74 - 2.1	1.01 - 2.66
EER (Energy Efficiency Ratio)		w/w	3.43	3.40	3.05	3.00
Energy Star Rating		Cooling	5.5*/2**	5.5*/2**	4.5*/1.5**	4.5*/1.5**
Heating Capacity		kw	2.80	3.85	5.56	8.20
Heating Range		kw	0.99 - 3.19	1.4 - 5.84	1.79 - 7.22	3.89 - 9.01
Heating Input Range		kw	0.43 - 1.66	0.55 - 2.11	1.0 - 2.57	1.53 - 2.99
COP (Coefficient of Performance)		w/w	3.33	3.35	3.52	3.04
Energy Star Rating		Heating	4.5*/2.5**	4.5*/2.5**	5*/2**	3.5*/1.5**
Indoor Unit	Dimension(WxHxD)	mm	790x265x170	845x275x180	940x298x200	1178x326x227
	Weight	Kg	10	11	13	18
	Air Flow (Max m ³)	L/s	500	600	850	1200
	Sound Level (Lo-Hi)	dB(A)	23/40	24/41	33/46	40/48
Outdoor Unit	Dimension(WxHxD)	mm	776x540x320	848x540x320	890x700x390	950x840x412
	Weight	Kg	32	36	47	71
	Sound Level	dB(A)	50	52	54	59
Refrigerant Type R410A		Kg	0.85	1.12	1.10	2.50
Refrigerant Piping	Liquid side/Gas side	mm	ø6/ø9.52	ø6/ø9.52	ø6/ø12	ø9.52/ø16
	Max. refrigerant pipe length	m	15	15	15	25
	Max. difference in level	m	8	8	8	10
Plug Type			10A	10A	n/a	n/a
Outdoor Operating Temperature		°C	-15 ~ 43	-15 ~ 43	-15 ~ 43	-15 ~ 43

* Energy rating based on AS/NZS 3823.2.AMOT3(2008). ** Energy rating based on AS/NZS 3823.2.2009.
Due to continuous product improvement, specifications may change without notice.

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