

Ductless Systems: A convenient - and economical! - solution

You've heard about it - mini-splits are a very practical and energy-efficient option for cooling and heating a small space or an entire home.

A ductless system consists of a wall-mounted indoor unit combined with an outside condensing unit. These units do not require a window and connect via two small refrigerant lines that fit through a small wall penetration. Unlike traditional systems, mini-splits require no ducting which reduces installation cost and eliminates air leakage.

Ductless systems are extremely energy-efficient. Regular air conditioners lose lots of energy as air travels through the duct system to reach its destination. No ducts means a more efficient system. Ductless models also feature inverter-driven compressors, which modulate their output up and down based on the needs of the conditioned space instead of shutting off entirely as do traditional HVAC systems

Main Features

Auto-Restart

If the unit loses power, it will automatically restart with the prior settings once power has been restored.

Wireless Control*

Wireless control allows you to control your air conditioner using your mobile phone and a wireless connection. For the USB device access, replacement, maintenance operations must be carried out by professional staff.

Anti-mildew*

When turning off the unit from COOL, AUTO (COOL), or DRY modes, the air conditioner will continue to operate at very low power to dry up condensed water and prevent mildew growth.

Air Filter Cleaning Reminder

After 240 hours of use, the "run" & "timer" indicator lamps on the indoor unit will flash simultaneously and the display window on the indoor unit will flash "CL" (if applicable). This is a reminder to clean your filter.

Refrigerant Leakage Detection*

The indoor unit will automatically display "EC". The "timer" indicator light turns off and the "run" indicator light flashes 7 times when the unit detects refrigerant leakage.

Louver Angle Memory*

When turning on your unit, the louver will automatically resume its former angle.

Air Filter Replacement Reminder

After 2,880 hours of use, the "run" & "timer" indicator lamps will flash simultaneously for 10 times, then remain on for five seconds. The display window on the indoor unit will flash "nF"(if applicable). This is a reminder to replace your filter.

Heat Pump*

For climates with moderate heating needs, heat pumps offer an energy-efficient alternative to electric heating. The outside unit circulates refrigerant that absorbs heat from the ambient air and transfers the heat to the interior of the home. Heat pumps can reduce your energy bill without any loss in comfort level.



Specifications

Indoor	DAC12BE13P	DAC18BE13P	DAC24BE13P	DAC36BE13P
Outdoor	DAC12BC13P	DAC18BC13P	DAC24BC13P	DAC36BC13P
Power supply (Ph-V-Hz)	220-230V -60Hz, 1Ph	220-230V -60Hz, 1Ph	220-230V -60Hz, 1Ph	220-230V,1Ph,60Hz
Cooling				
Capacity (BTU/h)	12000	16500	21000	35000
Input (W)	1260	1740	2200	3665
Rated current (A)	5.7	7.9	9.6	15.95
SEER (BTU/W)	13	13	13	13
Compressor				
Type	ROTARY	ROTARY	ROTARY	ROTARY
Brand	GMCC	GMCC	GMCC	MITSUBISHI
Indoor noise level dB(A) (Hi/mid/lo)	42/38/32	46/41/37	50/46/41	50/45.5/41.5
Indoor unit				
Dimensions (cm) (W*D*H)	31.49 x 7.40 x 10.82	37x8.07 x10.82	41.14x9.25 x12.40	49.57x11.10x14.25
Packing (cm) (W*D*H)	34.05x10.43 x13.77	39.96x10.43 x13.77	44.68x15.55 x12.40	52.76x17.72x14.96
Net/Gross weight (Kg)	16.75/21.38	22.04/28.66	29.1/98.32	48.72/61.73
Outdoor noise level dB(A)	56	58	59	57.5
Outdoor unit				
Dimensions (cm) (W*D*H)	30.7x9.84x21.25	30.7x9.84x21.25	33.26x12.59x27.55	37.24x16.14x31.89
Packing (cm) (W*D*H)	35.82x13.18x23.03	35.82x13.18x23.03	38x15.55x27.72	42.91x19.69x34.45
Net/Gross weight (Kg)	55.11/59.52	67.24/71.65	98.32/105.6	151.68/159.83
Refrigerant precharge (g)	460	560	910	2550
Refrigerant piping				
Liquid side/ Gas side (inch)	0.25/0.5	0.25/0.5	0.37/0.62	3/8in/3/4in
Max. refrigerant pipe length	32.8	32.8	65.61	82.02
Max. difference in level	16.4	16.4	32.8	32.81
Qty per 20'/40'/40'HQ (set)	112/235/265	108/220/248	69/140/160	36/76/88

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