

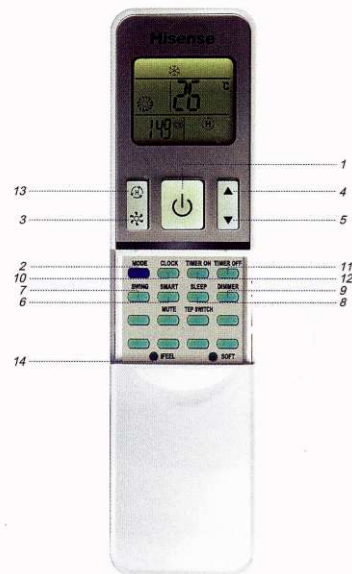
Inverter R410A

gmc aircon



AIR CONDITIONER COLLECTION

gmc aircon
VG Series
 New 24 hr remote controller



- 1.ON/OFF Button
- 2.Mode Button
Press this button to select the operation mode.
- 3.Fan Button
Used to select fan speed settings auto, high, medium or low.
- 4/5.Room temperature setting
Used to adjust room temperature and timer.
- 6.Smart Button
Used to enter fuzzy logic operation directly, regardless of the unit is on or off.
- 7.Swing Button
Used to stop or start the vertical adjustment louver and set the desired up/down airflow direction.
- 8.Sleep Button
To set or cancel Sleep Mode operation.
- 9.Dimmer Button
Press this button to turn off the indoor unit display screen.
- 10.Clock Button
Used to set the current time.
- 11.Timer OFF
used to cancel the timer operation.
- 12.Timer on
used to set the timer operation
- 13.Super Button
Used to start or stop the fast cooling. (Fast cooling operates at high fan speed with 18 C set temp automatically)
- 14.I Feel Button
Used to start or stop the I feel mode. (In I feel mode, the Air Conditioner operates basis temperature sensor fitted in remote instead of machine,maximising cooling around the remote)

Inverter

Technology

R410A





Technical Specifications

		MIDWALL SPLITS					UNDERCEILING	
Model Number		AS-09VG	AS-12VG	AS-18VG	AS-24VG	AS-30VG	ACA36VG	ACA60VG
Cooling Capacity	W	2600(1700-3000)	3500 (1600-3700)	5000(2400-5500)	6500(4000-7000)	8800 (5000-8800)	10000(3600-10500)	17000 (6200-18000)
Heating Capacity	W	2900(1700-3500)	3550 (1600-3700)	5100(2400-5500)	6800(4000-7300)	9250 (5000-9250)	11500 (3050-13880)	20500 (6400-21000)
Rated Input-Cooling	W	810(510-1150)	1090 (540-1550)	1558(640-2100)	2025(1100-2800)	2740 (1100-2700)	3110	5295
Rated Input-Heating	W	803(500-1500)	983 (540-1600)	1413(560-2200)	1884(1100-2900)	2560 (1000-2500)	3190	5650
Moisture Removal	L/H.r	0.9	1.5	2	2.4	3.0	3.5	4.5
Air Circulation	m ³ /h	500	550	900	950	1580	1600	1800
EER for Cooling	W/W	3.21	3.21	3.21	3.21	3.21	3.21	3.21
COP for Heating	W/W	3.61	3.61	3.61	3.61	3.61	3.61	3.63
ESP (Pa)		n/a	n/a	n/a	n/a	n/a	N/A	N/A
Indoor Unit Noise Level	High (dB (A))	39	39	46	48	50	45	42
	Low (dB (A))	29	29	36	38	45	40	38
Outdoor Unit Noise Level	dB (A)	53	54	56	58	63	60	60
Power								
Volt/Phase/Hz		220v-240v/1p/50Hz	220v-240v/1p/50Hz	220v-240v/1p/50Hz	220v-240v/1p/50Hz	220v-240v/1p/50Hz	220-240V-/1P/50Hz	380V - /3P/50Hz
Rated Current Cooling	Cooling (A)	3.8	4.9	7.2	9	12.2	12.4	8.8
	Heating (A)	3.7	4.4	6.4	8.4	11.3	12.8	9.3
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge volume g		580	980	1400	1640	2100	3000	3100
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Expansion Device		Capillary	Capillary	Capillary	Capillary	EEV	EEV	EEV
Pipe Diameter								
Liquid Pipe	inch	1/4	1/4	1/4	3/8	3/8	3/8	3/8
Gas Pipe	inch	3/8	3/8	1/2	5/8	5/8	5/8	3/4
Max length	m	1.5	1.5	2.0	2.5	2.5	30	50
Max height	m	5	5	5	8	8	15	15
Panel WxHxD	mm	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Indoor unit WxHxD	mm	750x250x190	820x270x210	920x313x226	1035x313x220	1350x367x266	1285x158x660	1705x248x673
Outdoor unit WxHxD	mm	715x482x240	715x482x240	800x553x273	830x629x285	885x795x366	950x840x340	950x1380x340
Net weight Indoor	kg	7.5	8.5	11.5	14	19.5	35	41
Net weight Outdoor	kg	26	28	34	45	63	70	108
Drain-up height	m	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Inter connecting cable	Core	3	3	3	3	3	3	3
Additional refrigerant after 5m	grams/m	15	15	15	20	20	20	20

		CASSETTE SPLITS					DUCTED	
Model Number		AUC18VG	AUC24VG	AUC36VG	AUC48VG	AUC60VG	AUD36VG	AUD60VG
Cooling Capacity	W	5000(1870-5750)	6400(2200-7300)	10000(3800-10500)	12600(5500-13500)	17000(6200-18000)	10000(3600-10500)	17000(6200-18000)
Heating Capacity	W	5600(1380-6600)	7000(2500-8200)	11500(3050-13800)	15000(4000-18000)	20000(5600-21000)	11500(3050-13800)	20500(6400-21000)
Rated Input-Cooling	W	1552	1910	3110	3720	5095	3110	5295
Rated Input-Heating	W	1550	1920	3150	3950	5450	3190	5650
Moisture Removal	L/H.r	1.5	2.0	3.5	4.5	4.5	3.5	4.5
Air Circulation	m ³ /h	850	1100	1600	2000	2400	1800	2300
EER for Cooling	W/W	3.22	3.35	3.22	3.39	3.34	3.22	3.21
COP for Heating	W/W	3.61	3.65	3.65	3.8	3.67	3.61	3.63
ESP (Pa)		n/a	n/a	n/a	n/a	n/a	50(80)	90(120)
Indoor Unit Noise Level	High (dB (A))	48/43	42/36	50/45	49/43	49/43	43/40	53/49
	Low (dB (A))	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Outdoor Unit Noise Level	dB (A)	56	58	58	60	60	58	60
Power								
Volt/Phase/Hz		220-240v-/1P/50Hz	220-240V-/1P/50Hz	220-240V-/1P/50Hz	380V-/3P/50Hz	380V - /3P/50Hz	220-240V-/1P/50Hz	380V - /3P/50Hz
Rated Current Cooling	Cooling (A)	6.9	8.5	14.5	6.5	9.8	12.4	8.8
	Heating (A)	6.9	8.5	15	7	10.3	12.8	9.3
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge volume g		1270	1500	2100	3000	3100	2100	3100
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Expansion Device		EEV	EEV	EEV	EEV	EEV	EEV	EEV
Pipe Diameter								
Liquid Pipe	inch	1/4	3/8	3/8	3/8	3/8	3/8	3/8
Gas Pipe	inch	1/2	5/8	5/8	3/4	3/4	5/8	3/4
Max length	m	15	20	30	50	50	30	50
Max height	m	8	10	15	15	15	20	15
Panel WxHxD	mm	650X30X650	950x40x950	950x40x950	950x40x950	950x40x950	n/a	n/a
Indoor unit WxHxD	mm	570x270x570	840x250x840	840x250x840	840x250x840	840x250x840	1300x286x720	1386x350x800
Outdoor unit WxHxD	mm	800x570x260	980x640x350	950x840x340	950x1380x340	950x1380x340	950x840x340	950x1380x340
Net weight Indoor	kg	21	24	26	29	29	43	50
Net weight Outdoor	kg	36	50	70	101	108	70	108
Drain-up height	m	1.2	1.2	1.2	1.2	1.2	n/a	n/a
Inter connecting cable	Core	3	3	3	3	3	3	3
Additional refrigerant after 5m	grams/m	15	20	20	20	20	20	20

NB: Full Technical Information Available on Request (012) 661 1173

* Specifications and Design Subject to change without notice

* Cooling/Heating Capacities are based on the following conditions:

Cooling:

Indoor Temperature - 27 C DB/ 19 C WB
Outdoor Temperature - 35 C DB/ 24 C WB

Heating:

Indoor Temperature - 20 C DB
Outdoor Temperature - 7 C DB/6 C WB