



FLEXX

Universal Inverter ducted split system

Flexx 18 SEER 24V with inverter condensing unit. Heat pump with high energy efficiency.



R410A



<p>Operating mode</p> <ul style="list-style-type: none"> • Cooling, heating, dehumidifying, fan and auto. <p>Nominal capacity</p> <ul style="list-style-type: none"> • 24000, 36000, 48000 and 54000 BTU/hr. <p>Indoor unit</p> <ul style="list-style-type: none"> • Compact space saving design; perfect for installation with space limitation such as Net-Zero house. • Compatible with most standard 24V thermostat in the market. <p>Outdoor unit</p> <ul style="list-style-type: none"> • Adopts inverter compressor, efficiency is up to 20 SEER & 10.5 HSPF. • Installation similar to traditional air conditioner, few trainings needed for experienced installers. 	<p>Control</p> <ul style="list-style-type: none"> • Adopt GREE 2-Stage compression, EVI technology, small performance decline at extremely hot or cold area. • Ultra heat : Strong heating at low ambient temperature : 100 % heating capacity down to -5°F (-20°C)*. 78 % heating capacity down to -22°F (-30°C)*. • Ultra cool : Strong cooling at high ambient temperature : 100 % cooling capacity up to 115°F (46°C)*. 78 % cooling capacity up to 130°F (54°C)*. • Inverter technology quieter, more comfortable and more energy saving. <p>Application</p> <ul style="list-style-type: none"> • Are targeted at the North America market and mainly applied to villas, office buildings, supermarkets, hotels, restaurants, etc. <p>Perfect for replacement market.</p> <p>*Test results based on condenser GUD36W/A-D(U).</p>
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Self-diagnosis



Comprehensive protection



High ESP



Wide operation range



High efficiency



Intelligent defrosting



Energy saving function



Inner groove copper

Maximum piping length		2 tons	3 tons	4 tons	5 tons
Maximum refrigerant pipe length between IDU and ODU	m (ft.)	50 (164)	50 (164)	50 (164)	50 (164)
Maximum vertical height difference between IDU and ODU	m (ft.)	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)

Item	Nominal operating condition (temperature)				Operating range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	°F / °C	°F / °C	°F / °C	°F / °C	°F / °C
Cooling	95 / 35	75 / 23.9	80 / 26.7	67 / 19.4	5-125.6/-15-52
Heating	47 / 8.3	43 / 6.1	70 / 21.1	60 / 15.6	-22-75 / -30-24

Product #		GUD36W/A-D(U)			GUD60W/A-D(U)	
Technical performance						
Capacity range		Ton	2	3	4	5
Capacity	Cooling	Btu/hr	24 000	36 000	48 000	54 000
	Heating	Btu/hr	24 000	36 000	48 000	54 000
Power supply		V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
SEER		-	20	18	17	17
EER		-	11.5	11	10.5	10.5
HSPF		-	10.5	10	10	10
MCA		A	18	24	36	40
MOP		A	20	35	45	50
Refrigerant charge volume		Lbs	9.3	9.3	12.3	12.3
Sound pressure level		dB(A)	60	62	64	65
Connecting pipe	Liquid	in.	3 / 8	3 / 8	3 / 8	3 / 8
	Gas	in.	3 / 4	3 / 4	3 / 4	3 / 4
Dimension (W x D x H)		in.	37 x 19 x 32-1/2	37 x 19 x 32-1/2	39-3/8 x 14-5/8 x 53-3/4	39-3/8 x 14-5/8 x 53-3/4
Used heating power input	Nominal	W	1020	1100	1730	2000
	Min. – max.	W	160-1350	400 - 1400	580 - 2600	450 - 3000
Net weight / Gross weight		Lbs	217.2 / 240.4	217.2 / 240.4	304 / 328	304 / 328
Temperature operating range for cooling		°F/°C	5 to 125.6 / -15 to 48	5 to 125.6 / -15 to 48	5 to 125.6 / -15 to 48	5 to 125.6 / -15 to 48
Temperature operating range for heating		°F/°C	-22 to 75.2 / -3 to 24	-22 to 75.2 / -3 to 24	-22 to 75.2 / -3 to 24	-22 to 75.2 / -3 to 24

Specifications may change without prior notice

Project:	Approval Information
Consultant Engineer:	
Electrician Contractor:	
Distributor:	
Date:	
Comments:	



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