



# U Match<sup>+</sup>



UMAT18-36

UMAT42-48

**1:1 SYSTEM**  
WITH HIGH STATIC  
SLIM DUCT

**POWERFUL,  
FLEXIBLE AIR  
DISTRIBUTION**  
WITH SLIM-DUCT  
DISCRETION

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## 1:1 MINI-SPLITS FOR LIGHT COMMERCIAL & RESIDENTIAL USE



UMAT18HP230V1BD



UMAT24HP230V1BD  
& UMAT30HP230V1BD



UMAT36HP230V1BD  
& UMAT42HP230V1BD



UMAT48HP230V1BD

### OUTDOOR UNIT

- Compact, unobtrusive footprint with easy installation (no roof curb penetration required)
- G-10 Inverter Technology for precise, efficient temperature control
- Sound level down to 56 dB(A) for quiet operation
- Low ambient cooling down to 0°F
- Coated condenser coils
- Multi-Point diagnostics & Intelligent defrost
- Maximum line lengths of 165' to 230' to fit a wide range of applications

### INDOOR UNIT

- Flexible return air - bottom or rear
- Internal condensate pump & float switch included
- XK60 programmable wired controller
- High external static capability for:
  - Healthier air filtration
  - Quieter operation
  - Improved air distribution
  - More aesthetic, concealed "look"

U Match<sup>+</sup> CONCEALED  
SLIM DUCT

Indoor Unit High Static Slim Duct		UMAT18 HP230V1BD	UMAT24 HP230V1BD	UMAT30 HP230V1BD	UMAT36 HP230V1BD	UMAT42 HP230V1BD	UMAT48 HP230V1BD
System Type		High Static Slim Duct Heat Pump Air Handler					
Power Supply		208/230-1-60					
SEER/EER		16/9.5	16/9.5	16/10.3	16/10.3	16/9.6	16/9.6
HSPF/COP		9/3.50	9/3.20	9/2.95	9/3.53	9/3.21	9/3.0
Airflow (max)	CFM	705	820	940	1175	1300	1350
Sound Pressure Level (H/M/L)	dB(A)	43/41/40	41/40/38	41/40/38	49/48/47	49/48/47	46/45/44
Unit Dimensions (W x D x H)	inches	50.4 x 22 x 10.6	48.2 x 30.5 x 11.4	48.2 x 30.5 x 11.4	52.8 x 29.5 x 13.8	52.8 x 29.5 x 13.8	59.1 x 31.5 x 15.4
Outdoor Unit HP Inverter		UMAT18 HP230V1BO	UMAT24 HP230V1BO	UMAT30 HP230V1BO	UMAT36 HP230V1BO	UMAT42 HP230V1BO	UMAT48 HP230V1BO
System Type		Heat Pump					
Power Supply		208/230-1-60					
Rated Current Cooling	amps	13	19	20	26	28	32
Rated Current Heating	amps	13	19	20	24	29	31
System Performance							
Cooling Capacity (Min-Max)	BtuH	5400 - 19800	8200 - 29000	8200 - 29600	16000 - 42500	12000 - 42500	13400 - 50000
Heating Capacity (Min-Max)	BtuH	4700 - 23200	8200 - 32400	8200 - 33600	14600 - 50400	13000 - 52500	13000 - 58000
Outdoor Unit							
Compressor Type		DC Inverter-driven Twin rotary					
Sound Pressure Level	dB(A)	55	55	55	60	59	61
Unit Dimensions (W x H x D)	inches	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.7	38.6 x 31.1 x 16.7	43.5 x 43.7 x 17.3	37.8 x 53.1 x 16.1	37.8 x 53.1 x 16.1
Net / Gross Weight	lbs	108/115	150/161	154/165	223/247	236/260	236/260
Refrigerant R410A / Charge	oz.	49.4	77.6	84.7	123.5	130.5	141.1
Line Set - Flared (Liquid - Gas)	inches	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pre-Charge	feet	25					
Max. Line Run	feet	164			230		
Max. Elevation	feet	49					
MCA	amps	16	24	24	45	45	45
MOCP/Breaker Size	amps	25	40	40	70	70	70
Ambient Cooling Operating Range	°F	0~115					
Ambient Heating Operating Range	°F	0~75					

## GREE HEAT PUMPS, POWERED BY NEEDS.



- Highly efficient Commercial Heating and Cooling
- Engineered to reduce vibration
- Variable speed for precise control
- Protection against power surges
- Slim Style / Low Profile Construction

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