

UNITED APPLIANCES[®]

HEATING & COOLING AIR CONDITIONING

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QUANTUM PRO
SERIES



THE DUCTLESS KING **WHOLESALE**

HIGH EFFICIENCY DUCTLESS ULTRA COMFORT

QUANTUM PRO SERIES

UNITED
APPLIANCES
HEATING & COOLING AIR CONDITIONING



HEAT PUMP



208/230V



Last updated: MAY 2026

TECHNICAL SPECIFICATION | IDU | QUANTUM PRO SERIES

IDU DESCRIPTION	UNIT	UADH36-DD6SG1/I	UADH60-DD6SG1/I
ELECTRICAL DATA	V-Ph-Hz	115V / 208/230V / 1Ph / 60Hz	
NOMINAL COOLING CAPACITY	kBTU/h	36	54
AIRFLOW VOLUME (RANGE)	CFM	1,200	1,800
EXTERNAL STATIC PRESSURE	Pa	200	200
INPUT POWER	W	4,000	6,750
INPUT CURRENT	A	18	31
CIRCUIT BREAKER CAPACITY	A	15	15
SOUND PRESSURE LEVEL	dB(A)	58	59
EVAP HEAT EXCHANGER CONFORMATION	- - -	Copper tubes with aluminum fins and golden fin coating	
REFRIGERANT	- - -	R32	
PIPE DIAMETER, LIQUID LINE	inch	3/8	3/8
PIPE DIAMETER, GAS LINE	inch	3/4	7/8
DRAIN PIPE (OUTER DIAMETER X THICKNESS)	mm	φ24	
CONTROLLER (Model)	-	Wired Controller Included	
AIR DISCHARGE DIMENSIONS (L x W)	inch	19-1/4 x 10-5/16	22-3/4 x 10-5/16
AIR RETURN DIMENSIONS (L x W)	inch	16 x 19-3/4	16 x 23-1/4
PRODUCT DIMENSIONS (W x H x D)	inch	21 x 46-1/2 x 21	24-1/2 x 56 x 21
PACKAGING DIMENSIONS (W x H x D)	inch	22-7/8 x 52-3/8 x 26-7/8	29-5/16 x 62-9/16 x 26-1/4
NET WEIGHT	lbs	134.2	158.4
GROSS WEIGHT	lbs	169.4	196.0

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TECHNICAL SPECIFICATION | ODU | QUANTUM PRO SERIES

ODU DESCRIPTION	UNIT	UADH36-DD6SG1/O	UADH60-DD6SG1/O
POWER SUPPLY	V-Ph-Hz	208/230-1-60	
RATED COOLING CAPACITY	kBTU/h	36	54
RATED HEATING CAPACITY	kBTU/h	36	54
EFFICIENCY RATING	SEER2	18	17
COMPRESSOR POWER INPUT	W	2050	3540
RATED LOAD AMPS (RLA)	A	8.2	12.2
MAX. OVERCURRENT PROTECTION (MOP)	A	40	60
SOUND PRESSURE LEVEL	dB(A)	68	69
CONDENSER COIL ROWS	—	2	
COMPRESSOR TYPE / BRAND	—	Variable Rotary / GMCC	Variable Rotary / HIGHLY
REFRIGERANT TYPE	—	R32	
FACTORY REFRIGERANT CHARGE	oz	88.2	123.5
PRE-CHARGED STANDARD LINE LENGTH	ft	25	
ADDITIONAL CHARGE RATE	oz/ft	0.38	
LIQUID LINE SIZE	inch	3/8"	
GAS/SUCTION LINE SIZE	inch	3/4"	7/8"
MAX. PIPE ELEVATION (IDU-ODU)	ft	49	82
MAX. TOTAL LINESET LENGTH	ft	98	164
AMBIENT OPERATING TEMP. RANGE (COOLING)	°F	5 ~ 125 °F	
AMBIENT OPERATING TEMP. RANGE (HEATING)	°F	-4 ~ 80 °F	
UNIT DIMENSIONS (W x H x D)	inch	29-1/8 x 24-15/16 x 29-1/8	29-1/8 x 33-3/16 x 29-1/8
PACKING DIMENSIONS (W x H x D)	inch	30-1/4 x 31-1/4 x 30-1/4	30-1/4 x 39-1/2 x 30-1/4
NET WEIGHT	lbs	141.1	183.0
GROSS WEIGHT	lbs	169.8	216.1

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