# UNITED APPLIANCES

HEATING & COOLING AIR CONDITIONING

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## QUANTUM PRO SERIES




HIGH EFFICIENCY ULTRA COMFORT

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UNITED APPLIANCES
HEATING & COOLING AIR CONDITIONING




EXTENDED WARRANTY
10 YEARS
1 YEAR REMOTE CONTROLLER

HEAT PUMP
208/230V

R32
ECO-FRIENDLY REFRIGERANT

Last updated: OCT 2026

## TECHNICAL SPECIFICATION | IDU | QUANTUM PRO SERIES

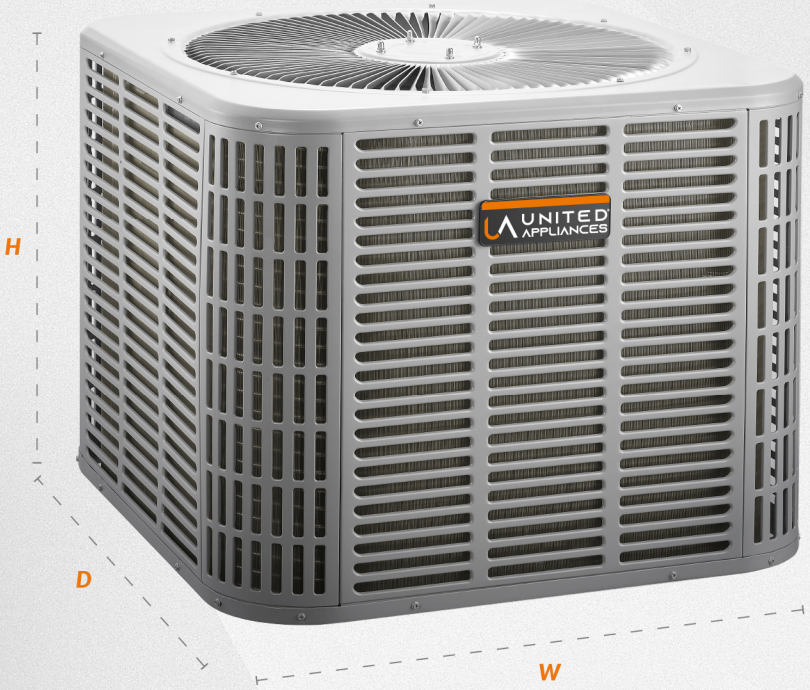
| IDU DESCRIPTION | UNIT | UADH36-DD6SG1/I | UADH60-DD6SG1/I |
|---|---|---|---|
| ELECTRICAL DATA | V-Ph-Hz | 115V / 208/230V / 1Ph / 60Hz | |
| NOMINAL COOLING CAPACITY | kBTU/h | 36 | 54 |
| AIRFLOW VOLUME (RANGE) | CFM | 1,200 | 1,800 |
| EXTERNAL STATIC PRESSURE | Pa | 200 | 200 |
| INPUT POWER | 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 × 24-15/16 × 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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