



INSTALL CONFIDENCE.



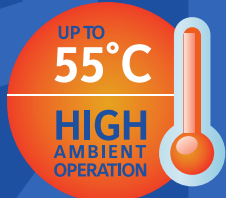
YORK® AFFINITY™ SERIES

DEQ MODELS 3 – 5 TON

60 Hertz

آل سالم جونسون کنترولز
Al Salem Johnson Controls





YORK® Affinity™ packaged air conditioners are designed for outdoor installation. Only utility and duct connections are required at the point of installation.

Physical Data:

COMPONENT	MODELS		
	DEQ036	DEQ048	DEQ060
NOMINAL TONNAGE	3.0	4.0	5.0
AHRI COOLING PERFORMANCE			
GROSS CAPACITY @ AHRI A POINT (MBH)	36.9	49.0	58.0
AHRI NETCAPACITY (MBH)	36.0	47.0	56.0
EER	12.0	12.0	12.0
SEER	14.0	14.0	14.0
NOMINAL CFM	1150	1500	1550
SYSTEM POWER (KW)	3.00	3.92	4.67
REFRIGERANT TYPE	R-410A	R-410A	R-410A
REFRIGERANT CHARGE (LB-OZ)	8-2	10-10	10-4
DIMENSIONS (INCHES)			
LENGTH	49 1/8	49 1/8	49 1/8
WIDTH	47 1/4	47 1/4	47 1/4
HEIGHT	33 1/2	41 1/2	41 1/2
OPERATING WT. (LBS.)			
UNIT WEIGHT (LBS.)	396	440	452
COMPRESSOR			
TYPE	RECIPI	SCROLL	SCROLL
CONDENSER COIL DATA			
FACE AREA (SQ. FT.)	11.7	16.4	16.4
ROWS	2	2	2
FINS PER INCH	20	20	20
TUBE DIAMETER (IN.)	3/8	3/8	3/8
CIRCUITRY TYPE	INTERLACED	INTERLACED	INTERLACED
EVAPORATOR COIL DATA			
FACE AREA (SQ. FT.)	4.38	5.63	5.63
ROWS	3	3	3
FINS PER INCH	15	16	16
TUBEDIAMETER	3/8	3/8	3/8
CIRCUITRY TYPE	INTERLACED	INTERLACED	INTERLACED
REFRIGERANT CONTROL	ORIFICE	ORIFICE	TX VALVE
CONDENSER FAN DATA			
FAN DIAMETER (INCH)	22	22	22
TYPE	PROP	PROP	PROP
DRIVE TYPE	DIRECT	DIRECT	DIRECT
NO. SPEEDS	1	1	1
MOTOR HP	1/4	1/3	1/3
RPM	850	1100	1100
NOMINAL TOTAL CFM	2400	3000	3000
DIRECT DRIVE EVAP FAN DATA			
FAN SIZE (INCH)	10 X 8	11 X 10	11 X 10
TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
NO. SPEEDS	1	1	1
MOTOR HP	1/2	3/4	1
RPM	VARIABLE	VARIABLE	VARIABLE
FRAME SIZE	48	48	48
FILTERS			
QUANTITY-SIZE	2 - 22 X 14 X 1	2 - 22 X 14 X 1	2 - 22 X 14 X 1

Features and Benefits:

Standard Features

- Hi Efficiency - 12EER.
- Eco friendly R410a refrigerant.
- Extreme ambient operation capability up to 55 °C.
- Installation Flexibility - Convertible back and bottom duct openings.
- Stamped Louvered Condenser Coil Guard provides superior impact protection.
- Slide-out blower assembly for ease of maintenance.
- Compact footprint.
- Quiet Operation/Low Operating Sound.
- Adjustable fan speed with Multi speed motors.
- Non-corrosive, long-lasting, watertight Condensate Drain Pan.
- Low Maintenance - Long life, permanently lubricated bearings.

Safety Devices

- All DEQ units are equipped with;
- Internal protector for Compressors.
 - High pressure Switch.
 - Low Pressure Switch.
 - Compressor Lockout relay.

Tested in Accordance with

