



**XEXAGON**  
BEYOND  
AUTOMATION

## XEXAGON PANEL AC (XAC-300)

### APPLICATION DETAILS:

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HEAT LOAD	: 3000 Watt
REQUIRED AIR TEMPERATURE TO PANEL	: $28 \pm 2^{\circ}\text{C}$
RATED OPERATING AMBIENT TEMP.	: $35^{\circ}\text{C}$
MAX./MIN. OPERATING AMBIENT TEMP.	: $50^{\circ}\text{C} / 10^{\circ}\text{C}$
INDOOR / OUTDOOR INSTALLATION	: INDOOR
AIR FLOW DIRECTION, TOP / SIDE	: TOP THROW
AMBIENT AIR QUALITY	: NORMAL



### SPECIFICATIONS:

PAC MODEL NO.	: XAC-300
COOLING CAPACITY	: 3000W / 0.85 TR / 2580 Kcal/Hr
REFRIGERANT	: R134a
POWER SUPPLY	: 1 PH, 230 V, 50 HZ
STARTING CURRENT	: 25.1 A
MAX.CURRENT	: 9.2 A
POWER CONSUMPTION	: 1.3 KW
AIR FLOW VOLUME (SYSTEM/UNIMPEDED):	AMBIENT AIR CIRCUIT: 750 / 1200 m <sup>3</sup> /h CABINET AIR CIRCUIT: 860 / 1200 m <sup>3</sup> /h
NOISE	: >90 DBA
NO. OF COMPRESSOR CIRCUITS	: 1
OUTLET COOLING AIR TEMPERATURE	: $28 \pm 2^{\circ}\text{C}$
TYPE OF COMPRESSOR	: RECIPROCATING
TYPE OF CONTROLLER	: MICROPROCESSOR
TYPE OF CONDENSER / MOC	: COPPER TUBES WITH ALUMINIUM FINS
TYPE OF EXPANSION DEVICE	: CAPILLARY
TYPE OF EVAPORATOR / MOC	: COPPER TUBES WITH ALUMINIUM FINS
MOC OF PAC FRAME	: CRCA
TYPE OF SURFACE COATING	: POWDER COATED
COLOR	: RAL 7035
TYPE OF MOUNTING	: SIDE
DIMENSIONS OF PAC	: 380W x 420D x 1000H mm
WEIGHT OF PAC	: 55 KG

### NOTE:

PAC PERFORMANCE RATING AMBIENT TEMPERATURE	: $35^{\circ}\text{C}$
PAC PERFORMANCE RATING MEDIA TEMPERATURE	: $28^{\circ}\text{C}$
PAC PERFORMANCE TOLERANCE (FULL/ PART LOAD)	: $\pm 5\%$ -FULL / $\pm 12\%$ -PART LOAD