



XEXAGON
BEYOND
AUTOMATION

XEXAGON PANEL AC (XAC-150)

APPLICATION DETAILS:

APPLICATION DETAILS	: PANEL COOLING
HEAT LOAD	: 1500 Watt
REQUIRED AIR TEMPERATURE TO PANEL	: $28 \pm 2^{\circ}\text{C}$
RATED OPERATING AMBIENT TEMP.	: 35°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-150
COOLING CAPACITY	: 1500W / 0.5 TR / 1400 Kcal/Hr
REFRIGERANT	: R134a
POWER SUPPLY	: 1 PH, 230 V, 50 HZ
STARTING CURRENT	: 21.2 A
MAX. CURRENT	: 5.6 A
AIR FLOW VOLUME (SYSTEM/UNIMPEDED):	AMBIENT AIR CIRCUIT: 480 / 850 m ³ /h CABINET AIR CIRCUIT: 350 / 550 m ³ /h
POWER CONSUMPTION	: 1.2 KW
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	: 690 H X 360 W X 277 D
WEIGHT OF PAC	: 42 KG

NOTE:

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