



Icy Cold Aviation's PCAs are designed to attend narrow-body aircraft.

Main technical characteristics:

- Electric power input 115V-400Hz (optional 220V/50-60Hz or other)
- Discharge air temperature 0° to +8° C
- Environment-friendly refrigerant
- Different air hose models available
- Easy to operate, "plug and play"
- HMI with real –time operational data
- Remote data transfer to ICA and operator (optional)
- GPS positioning data (optional)
- Customer billing function integrated





June 2021

June ZUZ

TECHNICAL DATA

ELECTRIC PCA EL20

REFRIGERATION SYSTEM

AIRCRAFT CLASSIFICATION A, B

DISCHARGE AIR TEMPERATURE 2° - 10° C / 36 - 50° F

AIR FLOW VOLUME 82 kg/min / 181 ppm - 4.000 m³/h

OPERATIONAL STATIC PRESSURE 280 mmH2O

REFRIGERANT R407c

ELECTRICAL SYSTEM

EXTERNAL POWER INPUT 115V/400Hz, 220V/50-60Hz

POWER < / = 70 A / 28 kVA

MECHANICAL CHARACTERISTICS

DIMENSIONS (L x W x H) 3500 x 1450 x 2100 mm

WEIGHT 1.230 kg / 2.711 lbs

NO. OF AIR OUTLETS

INTERNAL HOSE STORAGE YES

OTHER CHARACTERISTICS

SIMPLE OPERATION, "PLUG & PLAY"

HMI WITH INTUITIVE SCREENS







June 2021

JUNE ZUZI

TECHNICAL DATA

Diesel powered PCA EL40D

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AIRCRAFT CLASSIFICATION	А, В, С
DISCHARGE AIR TEMPERATURE	0° - 8° C / 32° - 46° F
AIR FLOW (OPERATIONAL)	92 kg/min / 203 ppm / 4.500 m³/h
OPERATIONAL STATIC PRESSURE	550mmH2O / 5394Pa / 0,8 PSI
REFRIGERANT	R407C

ENGINE

MODEL	YANMAR, 4 CYL., TURBO
POWER	82.8 hp, 75kVA
CONSUMPTION	10-12 l/h
FUEL TANK CAPACITY	400 I

ELECTRICAL SYSTEM

EXTERNAL POWER INPUT	115V / 400Hz	
POWER	98 A, 47 kVA	

MECHANICAL CHARACTERISTICS

DIMENSIONS (L x W x H)	5.245mm x 2.120mm x 2.127mm
WEIGHT	3.100 kg
NO. AIR OUTLETS	1





June 2021

June 2021

TECHNICAL DATA

ELECTRIC PCA EL40JB - PBB MOUNTED

REFRIGERATION SYSTEM

AIRCRAFT CLASSIFICATION	А, В, С
DISCHARGE AIR TEMPERATURE	0° - 8° C / 32° - 46° F
AIR FLOW (OPERATIONAL)	92 kg/min / 203 ppm / 4.500 m³/h
OPERATIONAL STATIC PRESSURE	550mmH2O / 5394Pa / 0,8 PSI
REFRIGERANT	R407C

ELECTRICAL SYSTEM

EXTERNAL POWER INPUT	115V / 400Hz
POWER	98 A, 47 kVA

MECHANICAL CHARACTERISTICS

DIMENSIONS (L x W x H)	3.242mm x 2.194mm x 2.214mm
WEIGHT	2.309 kg / 5.090 lb
NO. AIR OUTLETS	1







June 2021

June 2027

ESPECIFICAÇÃO TÉCNICA

PCU40 COMBO INVERTER

REFRIG	ERATIO	N SYST	FFM
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AIRCRAFT CLASSIFICATION

A, B, C

DISCHARGE AIR TEMPERATURE

O° - 8° C / 32° - 46° F

AIR FLOW (OPERATIONAL)

OPERATIONAL STATIC PRESSURE

REFRIGERANT

R407C

ENGINE

 MODEL
 2 x YANMAR, 4 CYL., TURBO

 POWER
 82.8 hp, 75kVA (stand-by) each

 FUEL CONSUMPTION
 10-12 l/h (each engine)

 FUEL TANK CAPACITY
 400 l

ELECTRICAL SYSTEM

INTERNAL POWER SUPPLY 220V/60Hz
POWER 98 A, 47 kVA

POWER SUPPLY GPU

AIRCRAFT CONNECTION (115V/400Hz)

AIRCRAFT CONNECTION 28Vdc 1 - OPTIONAL

MECHANICAL CHARACTERISTICS

 DIMENSIONS (L x W x H)
 6.179mm x 2.120mm x 2.127mm

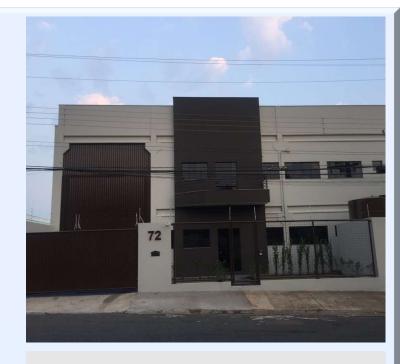
 WEIGHT
 4.950 kg / 10.913 lbs

 NO. AIR OUTLETS
 1









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