





















tion Connection	Operation Instructions Tips	美的(Midea	Introduction Cor	inection Op	eration Instructions Tips	美的(Alic
or code and expl	lanation		Error code	and explan	nation	
Error Code	Explanation		Continue			
EO	Indoor EEPROM error		continue	Error Code	Explanation	
E1	Communication error of indoor and outdoor unit			P43	Phase lose protection	
E2	Error of zero cross detection of indoor unit			P43	Zero speed protection	
E3	Indoor fan out of control			P45	Synchronization error between 341 chin and PWM	
ES	EERROM or temperature sensor error of outdoor unit			P46	Compressor speed out of control	
E50	Temperature sensor error of outdoor unit			P40	Error of over current of compressor	
E51	Outdoor EEPROM error			P45	High discharge temperature protection of compressor	
E6	Temperature sensor error of indoor unit			P0	Current protection	_
E60	Error of room temperature sensor of indoor unit			P80	Current protection of indeer unit	
E61	Error of evaporator temperature sensor of indoor unit			P 80	Current protection of autoor unit	
E7	DC fan of outdoor unit out of control			P01	Error of campling of input AC	
Eb	Error of communication between indoor PCB and display PCB			P02	High and low temperature protection of evaporator	
PO	IPM Module protection of outdoor unit			P90	High temperature protection of evaporator	
P1	Voltage protection			P90	Low temperature protection of evaporator	
P10	Low voltage low protection			PA	High temperature protection of condenser	_
P11	Over voltage protection			10	Frequency limit caused by High or low evanorator temperature	
P12	Error of 341MCE			11	Frequency limit caused by high condenser temperature	_
P2	Iop temperature protection of compressor			12	Frequency limit caused by high discharge temperature of compressor	
P4	Feedback protection of compressor in outdoor unit			12	Frequency limit coused by night ascharge temperature of compressor	
					FIMILIARIU VIUTUU I AUSMITTIVITUUMIU	

of display 999Hz 999Hz 999Cor
of display 999Hz 999Hz 999Hz
999Hz 999Hz
999Hz
99°C or
~00FFH
99°C or ~00FFH
9.99 or ~00FFH
1999 or ~00FFH
-99°C

duction Connecti	on Operation Instru	uctions Tips	美的 Midea
PO IPM over cur	rent protection		
Running State	Causes	Solution	
Occurs when connect to the power.	IPM board failure	Replace IPM board.	
Occurs when compressor operates	1) Compressor cable connection problem. 2) Refrigerant system overload. 3) Power failure. 4) IPM board failure. 5) Compressor failure.	 Check compressor cable connection. Check the refrigerant system and indoor/outdoor heat exchanger. Check power supply and the power of each point on IPM board. Replace IPM board. Replace compressor. 	Run Frequency I Target Frequency

roduction	Connection	Operation Instructio	ns Tips		9	的 (Midea
Tips fo	r fast identify	the problem				
P1 DC v	oltage is too	high or too low				Run Firequency , Target Frequency
P10 DC	voltage too low					
P11 DC	voltage too high	(Motion Control Engine)	malfunction			UP DOWN
The relation voltage elec	n of the input voltage trolytic capacitor vo	e and DC bus voltage when Itage between two pins):	n standby (DC bu	is voltage means	the high	Run Finquency ; Target Finquency
		V _{DC} =V _{ACin} *1.4	14			ASK SET
Because of t	the load and power	V _{DC} =V _{ACin} *1.4. input, VDC=200 ~ 380 V.	14			Minister Air-condition
Because of t Test as show	the load and power vn in Figure 2 and fig	V _{DC} =V _{ACin} *1.4 input, VDC=200 ~ 380 V. gure 3, you can get 2 possi	14 bilities:			
Because of t Test as show Figure 2 an	the load and power vn in Figure 2 and fig nd 3 should be consi	$V_{DC}=V_{ACin}$ *1.4 input, VDC=200 ~ 380 V. gure 3, you can get 2 possi stent. Check power,con	14 bilities: nector and Bridg	e rectifier		



oducti	on Connection	Operation Instructions	Tips	美的 Midea Introduction	Connection	Operation Instructions Tips	美的 Midea
Tip	s for fast identify	the problem		Tips	for fast identify t	the problem	
FO (Cover-current prof	tection	(B)	E1 Co	mmunication er	ror between indoor and outdoor unit	Ron Proceedings Swapt Freezenicy
P80	Indoor unit over current (Ind	oor detect)		This error	code means that the com	munication between the indoor unit and the outdoor unit was	
P81	Outdoor unit over current (or	utdoor detect)	- H	1 interrupte	d or not exist at all.		inverter Air condition
P82	Input AC current sampling cir	cuit fault	Run Frequency (Target Frequency	Running stat	e Causes	Solution	
Outdoor unit AC current detected from compressor controller and send the data to indoor. Figure 1 show how to measure AC current with ammeter,			Compressor can run	Interference	 Adjust the indoor and outdoor Connecting wire, for example: close, far from noise, use a single cable for S wire. Replace indoor or outdoor PCB board. 	Under the usual conditions, the failur of indoor PCB is low, so replace outco PCB first, and then the indoor PCB.	
Figure 2 show query sampling current. P82 code or another code when standy. PCB boar		PCB board malfunction, Replace compresse		1) the wire sequence on L, N & S mistake. 2) Communication	 Check the wire sequence of L, N and S. The detector can detect T1 and T2 values means indoor sending and outdoor receiving are normal. Disconnect T3 or T4 it is encounded and in and indoor case into a con- traction of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set o		
	P80 and P81 code	Figure 1 and 2 Basically consistent.	1Too much system load, check the system pressure. 2PFC malfunction, Replace the main PCB	Compress can'	circuit of outdoor and indoor malfunction. 3) Outdoor board power supply problem.	14, it means outdoor senuing and indoor receiving are normal if the indoor unit shows the error code. You will find out where the problem comes from by above tests. 3) LEDs on outdoor PCB are all off, which means there is	
	when running			run			

_	THANKS FOR YOUR ATTENTION	_
	美的 🕢 idea	Midea Strategic Partners: