



Order number	03900.P1039.03901.M2 /Mist Cooling Fan
Service Type:	Final Random Inspection (FRI)
Supplier Code	03901
Project Number	P1039 - Mist Cooling Fan
Inspection Date	2018-06-22
Item Numbers	9 Spare parts / 18259 Misting air cooler (Centrifugal Type) / 18633 Misting air cooler (Centrifugal Type) / 18634 Misting air cooler (Centrifugal Type) /
Reference Sample	<input checked="" type="checkbox"/> Not available <input type="checkbox"/> From client <input type="checkbox"/> From supplier <input type="checkbox"/> From manufacturer
Available Information	<input type="checkbox"/> Pictures <input type="checkbox"/> P/O <input type="checkbox"/> PI <input type="checkbox"/> Specification

Persons in charge

 <p>Inspector Joey Li</p>	 <p>Customer Manager Vincent Capo</p>	<p style="text-align: center;">Asiaction Limited www.asiaction.com</p> <p style="text-align: center;">Unit 1613, South Tower Guangzhou World Trade Center 371-375 Huanshi Road East 510095 Guangzhou Guangdong CHINA</p>
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Click on thumbnails to open fullscreen photos and videos in your browser

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INSPECTION SUMMARY

GENERAL COMMENT
<p>1. Factory only accepted to select 6 sets(2sets per item) samples for inspection on site, and they claimed that it need to waste large workforce for repack.</p> <p>2. Factory refused to perform some safety tests on site: earth continuity test, stability test, strain relief test, motor stalling test, leakage test of water tank, the capacity of water tank. Factory claimed that they passed the internal QC testing during production.</p> <p>3. Could not perform internal check (workmanship), since the factory claimed that it may break parts of product.</p>

Overall Status	Not Conform			
	Conform	Not conform	Subject to client's evaluation	Comment
I. Quantities	X			
II. Workmanship		X		
III. Product Specifications	X			
IV. Measurement / Tests			X	
V. Marking / Label	X			
VI. Packing	X			

Ref	Details	
9 Spare parts	Details: Gear Box for D-6C=8pcs Gear Box for DW-6C=8pcs Sway Motor=5pcs Sinking Pump for A-4C=6pcs	
18259 Misting air cooler (Centrifugal Type)	Color: Black Details: Vol./Freq.(V/Hz): 220/50 Power(KW) : 0.32 Water Tank Capacity (L): 94 Water consumption (L/h): 6-8 Effective Area(m ²): 95 Oscillating Angle(Left to Right): 90° ***Plug F, 320w, with UV light**	1.for all selected carton,no any carton number on C/No:___ of shipping mark. 2.for A-4C, found the marking"frequency:50Hz,speed:1400RPM,noise:69DB"shown on the rating of product, which not conform the specification and parameters sheet stated as"rotation(RPM):1400/1700(60Hz),noise DB(A)≤67",details refer to photos 12 and 19. 3.for all selected samples with color deviation between two parts of shell, this issue could be seen with eyes even an arm's distance,refer to photos 68~69.
18633 Misting air cooler (Centrifugal Type)	Color: white Details: Vol./Freq.(V/Hz): 220/50 Power(Kw): 0.31 Water Tank capacity(L): 60 Water consumption(L/H): 6-12 Effective Area(m ²): 80 Oscillating Angle (Left to right): 90° ***Plug F, 270w, with UV light***	1.for all selected carton,no any carton number on C/No:___ of shipping mark.

<p>18634 Misting air cooler (Centrifugal Type)</p>	<p>Color: white Details: Vol./Freq.(V/Hz): 220/50 Power(Kw): 0.31 Water Tank capacity(L): 6 Water consumption(L/H): 6-12 Effective Area(m2): 80 Oscillating Angle (Left to right): 90° ***Plug F, 270w, with remote control***</p>	<p>1.1.for all selected carton,no any carton number on C/No:___ of shipping mark. 2. the rating of atomizing motor marked in Chinese, refer to photos 54~55. 3. the factory refused to do assembly check due to no no equipment to install on site. 4.for DW-6C, found the marking"frequency:50Hz,speed:1400RPM,"shown on the rating of product, which not conform the specification and parameters sheet stated as"rotation(RPM):1400/1700(60Hz)",details refer to photos 20 and 33.</p>
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INSPECTION DETAILS

I. Quantities **Conform**

Ref	Qty Ordered	Qty Expected	Qty of Products		Qty of Cartons	
			Packed	Not Packed	Packed	Not Packed
9 Spare parts	27	27	27	0	1	0
18259 Misting air cooler (Centrifugal Type)	30	30	30	0	60	0
18633 Misting air cooler (Centrifugal Type)	40	40	40	0	120	0
18634 Misting air cooler (Centrifugal Type)	30	30	30	0	60	0

II. Workmanship / Appearance Defects **Not Conform**

Inspection Method Applied:
 ANSI / ASQ Z1.4-2008 Single Sampling plans for normal inspection
 Inspection Level: II
 Sample size: 20
 Acceptance Quality Limit (AQL) for: Critical: 0 , Major : 1.5 , Minor : 4.0

During the inspection, our inspector found the following defects:

18259 Misting air cooler (Centrifugal Type)				
Defect description	Critical	Major	Minor	comments
one set(1pc scratch mark,1pc polish wax residue)	0	0	1	
polish wax residue	0	0	1	



70 scratch mark-MIN



71 polish wax residue-MIN



72 polish wax residue-MIN

18633 Misting air cooler (Centrifugal Type)				
Defect description	Critical	Major	Minor	comments
coating scratch off	0	0	1	



84 coating scratch off-MIN

18634 Misting air cooler (Centrifugal Type)				
Defect description	Critical	Major	Minor	comments
black spot	0	0	1	



68 black spot-MIN

Total AQL Result for this inspection	Critical	Major	Minor
Sample Size	20	20	20
Number of Defects Found	0	0	4
Number of Acceptable Defects	0	1	2
Result	passed	passed	failed

III. Product Specifications **Conform**

9 Spare parts



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18259 Misting air cooler (Centrifugal Type)



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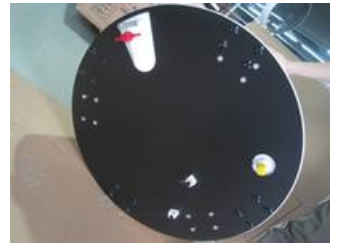
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68 color deviation-remark



69 color deviation-remark

18633 Misting air cooler (Centrifugal Type)



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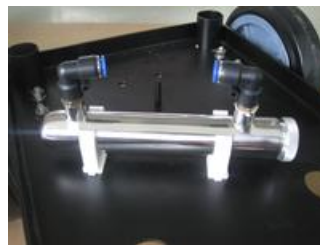
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18634 Misting air cooler (Centrifugal Type)



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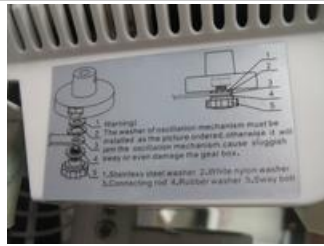
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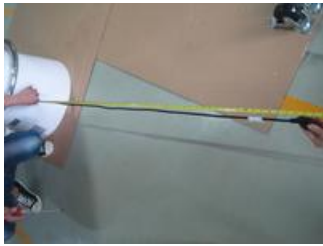
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IV. Measurement / Test

Subject to client's evaluation

18259 Misting air cooler (Centrifugal Type)				
Specification	Qty/Level	Expected	Finding	Result
G.W.and size of carton check	1	fan head:44.5kg/154x56x57cm water tank:27.5kg/72x72x53cm	fan head:41.7kg/154.5x56.5x57.5cm water tank:27.2kg/72.5x72x53.5cm	Subject to client's evaluation
product weight and size check	1		58.9kg/70x70x223cm	Subject to client's evaluation
assembly check	1	per instruction manual		Conform
basic function check	1	normal use		Conform
Hi-pot test	1	1750V		Conform
Power cord length check	1		141cm	Subject to client's evaluation
oscillation angle check	1	left to right:90°		Conform
motor rotation speed check	1	1400RPM	Min:1286RP,M, Max:1417RPM	Subject to client's evaluation
Rub test	1	Rub 15s with water and then 15s with hexane		Conform
Input power consumption check	1	220V/50Hz,330W		Conform
Leakage current test	1	The leakage current shall not exceed the required values		Conform

carton drop test	2	46/30cmx 10times	Conform
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18633 Misting air cooler (Centrifugal Type)				
Specification	Qty/Level	Expected	Finding	Result
assembly check	1	per instruction manual		Conform
basic function check	1	normal use		Conform
carton drop test	3	76/46cmx 10times		Conform
G.W.and size of carton check	1	fan head:23.5kg/74.5x74.5x57cm water tank:24.5kg/74.5x53x85cm pole column:10kg/131x17x21cm	fan head:23.2kg/76x75x58cm water tank:22.6kg/74.5x53.5x86cm pole column:9.3kg/131x17.5x22cm	Subject to client's evaluation
Hi-pot test	1	1750V		Conform
Input power consumption check	1	220V/50Hz,270W		Conform
Leakage current test	1	The leakage current shall not exceed the required values		Conform

motor rotation speed check	1	1400RPM	Min:1288RPM Max:1412RPM	Conform
oscillation angle check	1	left to right:90°		Conform
Power cord length check	1		172cm	Subject to client's evaluation
product weight and size check	1		46.41kg/65x75x185cm	Subject to client's evaluation
Rub test	1	Rub 15s with water and then 15s with hexane		Conform



18634 Misting air cooler (Centrifugal Type)				
Specification	Qty/Level	Expected	Finding	Result
basic function check	1	normal use		Conform
carton drop test	2	76/46cmx 10times		Conform
G.W.and size of carton check	1	fan head:23.5kg/74.5x74.5x57cm water tank:3.5kg/34.5x23.5x52cm	fan head:25.65kg/75x75x57.5cm water tank:4.1kg/35x24x52.3cm	Subject to client's evaluation
Hi-pot test	1	1750V		Conform
Input power consumption check	1	220V/50Hz,330W		Conform
Leakage current test	1	The leakage current shall not exceed the required values		Conform

motor rotation speed check	1	1400RPM	Min:1283RPM, Max:1406RPM	Subject to client's evaluation
oscillation angle check	1	left to right:90°		Conform
Power cord length check	1		179cm	Subject to client's evaluation
product weight and size check	1		24.85kg/Dia:65cm	Subject to client's evaluation
Rub test	1	Rub 15s with water and then 15s with hexane		Conform



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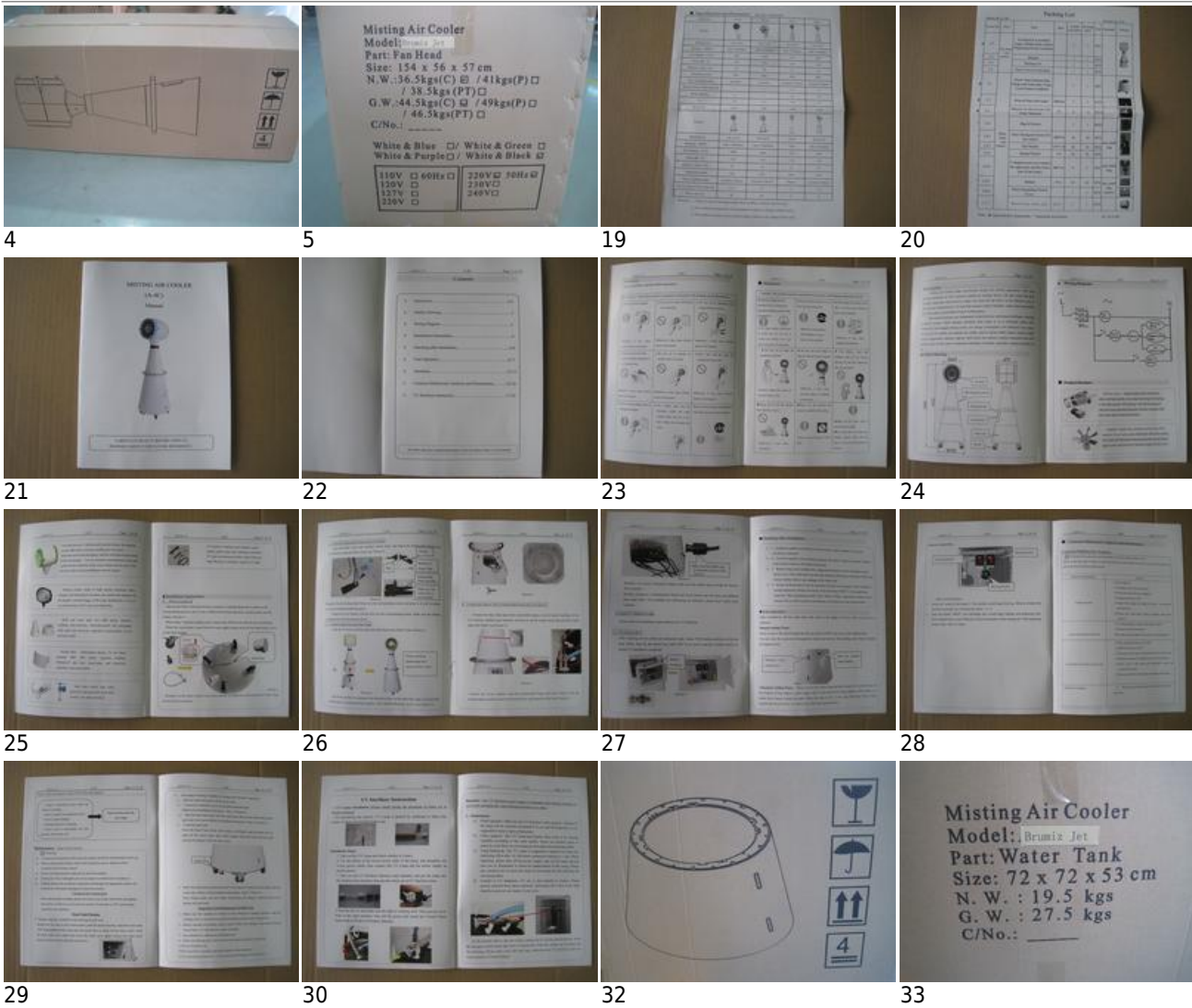
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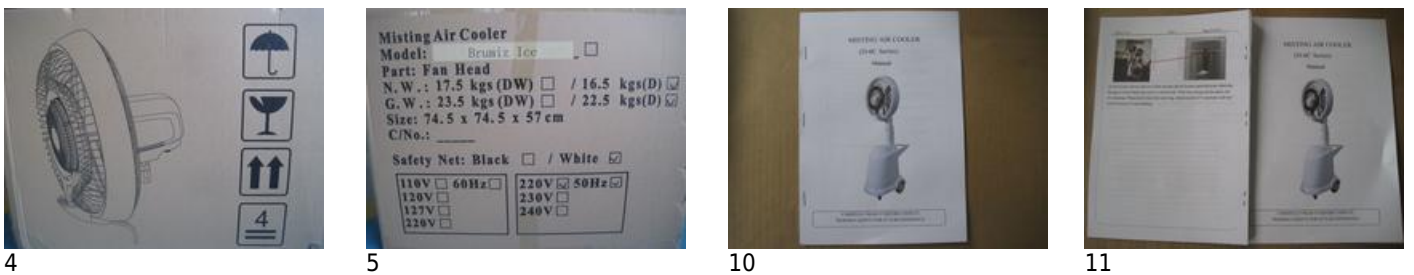
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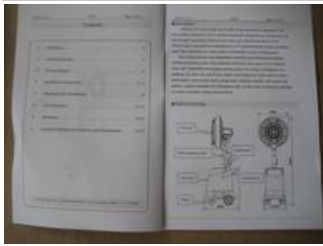
V. Marking / Label Conform

18259 Misting air cooler (Centrifugal Type)

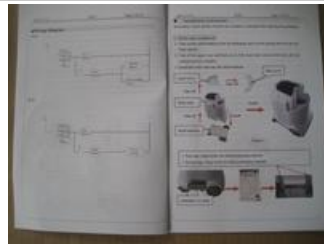


18633 Misting air cooler (Centrifugal Type)





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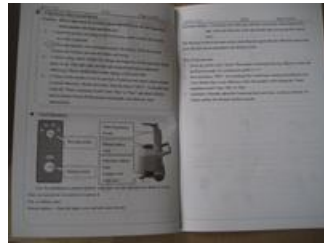
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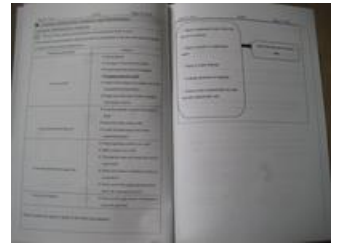
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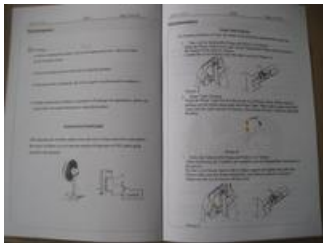
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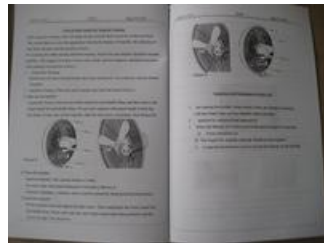
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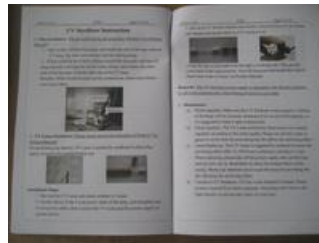
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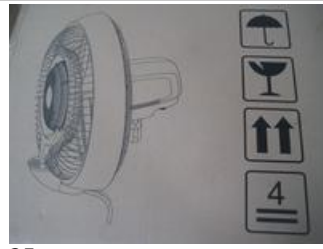
18634 Misting air cooler (Centrifugal Type)



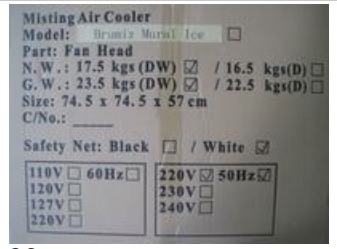
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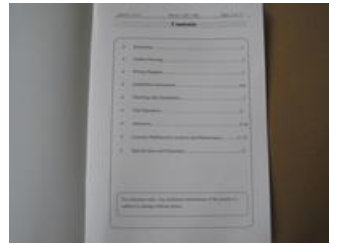
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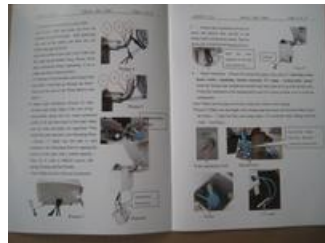
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VI. Packing Conform

9 Spare parts



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18259 Misting air cooler (Centrifugal Type)



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18633 Misting air cooler (Centrifugal Type)



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18634 Misting air cooler (Centrifugal Type)



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-- END OF REPORT --