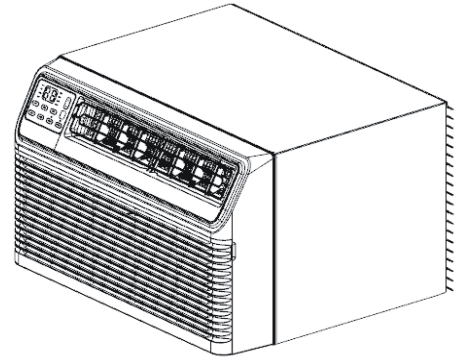


PBC/PBE/PBH "J" Room Air Conditioners

PBC092J00AA
PBC093J00AA
PBC122J00AA
PBC123J00AA
PBE093J35AA
PBE123J35AA
PBH073J35AA
PBH092J12AA
PBH093J35AA
PBH113J35AA



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This manual is to be used by qualified technicians only.

Important Information

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Functional Parts List	3
Illustration and Parts	4 - 11

Views shown are for parts illustrations only, not servicing procedures.

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example M1 - Model#1 M2 - Model#2 M3 - Model#3

Goodman Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:

Homeowner Support
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

ACE08EL00105	Compressor Capacitor (M2, M5, M7, M9)
ACE08EL00103	Compressor Capacitor (M1, M8)
ACE08EL00109	Compressor Capacitor (M3)
ACE08EL00110	Compressor Capacitor (M4, M6, M10)
ACE10MOT00202	IDU BLDC Motor
ACT09EL03101	Heater Assembly (M8)
ACT09EL03001	Heater Assembly (M5, M6, M7, M9, M10)
ACT09EL02401	IDU Temperature Sensor
ACE10WI00301	LCDI Power Cord (M2, M4)
ACE10WI00302	LCDI Power Cord (M5, M6, M7, M9, M10)
ACE10WI00403	LCDI Power Cord (M1, M3, M8)
ACT09EL02501	ODU Temperature Sensor
ACT09EL00205	TTW Main PCB (M4, M6, M10)
ACT09EL00204	TTW Main PCB (M9)
ACT09EL00204	TTW Main PCB (M2, M5)
ACT09EL00203	TTW Main PCB (M3)
ACT09EL00202	TTW Main PCB (M1, M8)
ACT09EL00201	TTW Main PCB (M7)
ACT09MOT00301	TTW ODU BLDC Motor
ACT09EL00601	TTW Transformer

SPECIAL PARTS

ACT09EL02801	Remote
ACT09EL03301	Thermostat Conversion PCB

Expanded Model Nomenclature

M1 - PBC092J00AA
M2 - PBC093J00AA
M3 - PBC122J00AA
M4 - PBC123J00AA
M5 - PBE093J35AA
M6 - PBE123J35AA
M7 - PBH073J35AA
M8 - PBH092J12AA
M9 - PBH093J35AA
M10 - PBH113J35AA

Front Grill and Control Box Assembly

IMAGE 1

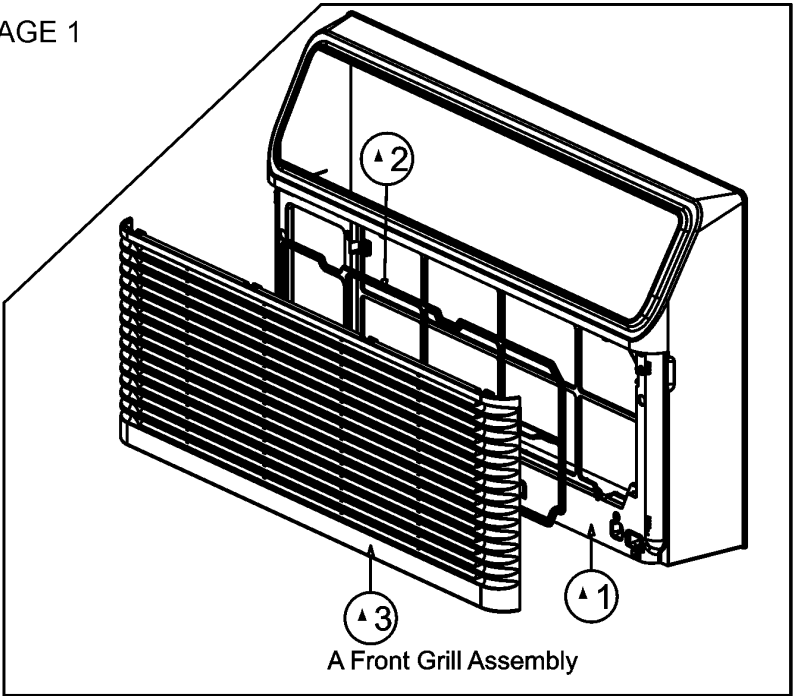


IMAGE 3

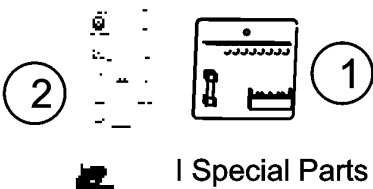
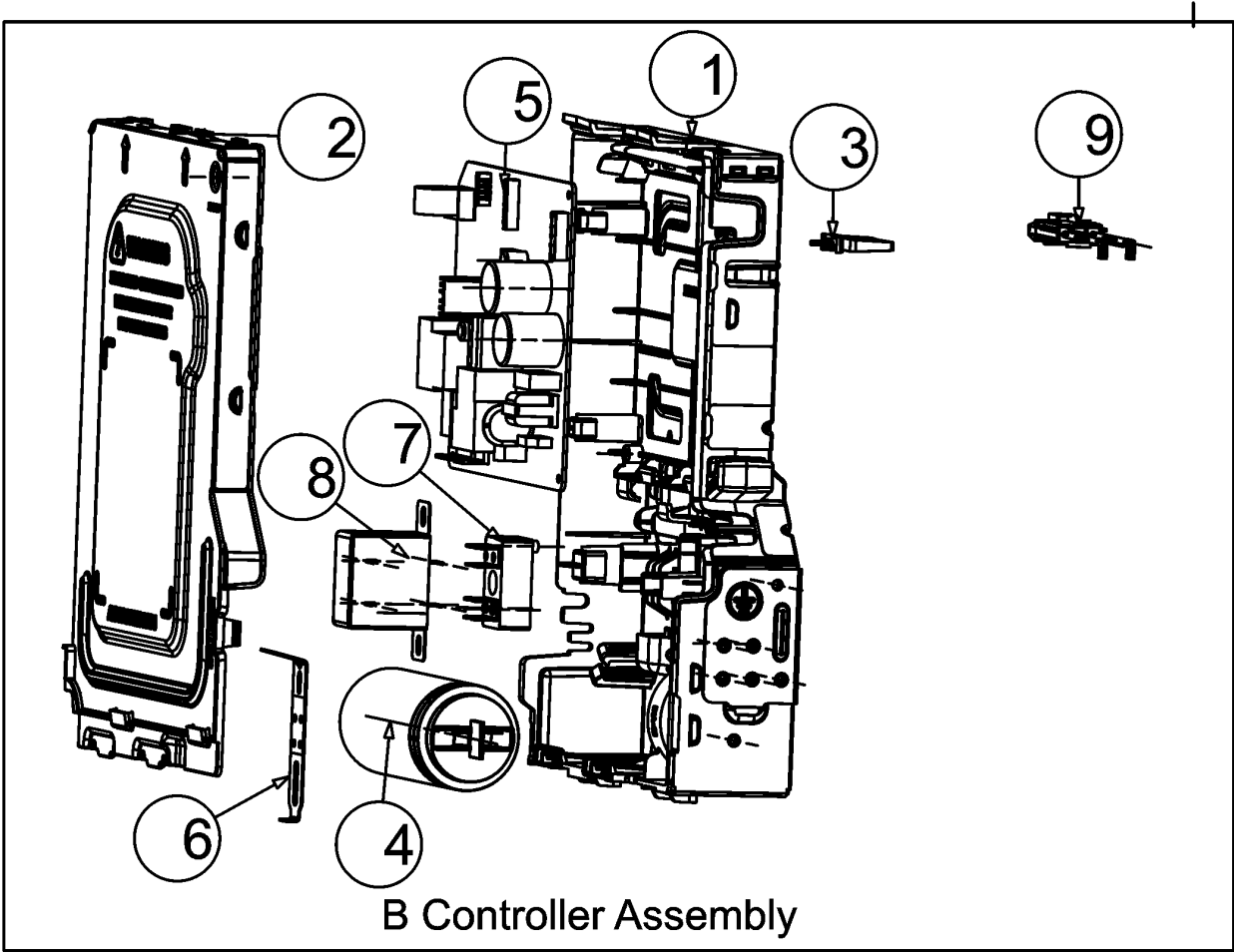


IMAGE 2



Front Grill and Control Box Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

0	ACT09PL01201	Controller Assembly (M7)
0	ACT09PL01202	Controller Assembly (M1, M8)
0	ACT09PL01203	Controller Assembly (M3)
0	ACT09PL01204	Controller Assembly (M2, M5, M9)
0	ACT09PL01205	Controller Assembly (M4, M6, M10)
0	ACT09PL01901	Front Grill Assembly (only for Reference)
1	ACT09PL02001	Front grill
2	ACT09PL03601	Filter TTW
3	ACT09PL03901	TTW Fascia Ver 2

Image 2:

1	ACT09PL04101	CONTROL BOX BASE
2	ACT09PL04201	CONTROL BOX TOP
3	ACW3PL61001	Wire Anchor
4	ACE08EL00103	Compressor Capacitor (M1, M8)
4	ACE08EL00105	Compressor Capacitor (M2, M5, M7, M9)
4	ACE08EL00109	Compressor Capacitor (M3)
4	ACE08EL00110	Compressor Capacitor (M4, M6, M10)
5	ACT09EL00201	TTW Main PCB (M7)
5	ACT09EL00202	TTW Main PCB (M1, M8)
5	ACT09EL00203	TTW Main PCB (M3)
5	ACT09EL00204	TTW Main PCB (M2, M5)
5	ACT09EL00204	TTW Main PCB (M9)
5	ACT09EL00205	TTW Main PCB (M4, M6, M10)
6	ACT09SM00701	Capacitor Clamp (M2, M4, M5, M6, M7, M9, M10)
6	ACT09SM02301	Capacitor Clamp (M1, M3, M8)
7	ACE08EL00501	Terminal block
8	ACT09EL00601	TTW Transformer
9	ACT09EL03401	LCDI Power Cord Extension Harness

Image 3:

0	NA	Special Parts
1	ACT09EL03301	Thermostat Conversion PCB
2	ACT09EL02801	Remote

Expanded Model Nomenclature

M1 - PBC092J00AA
M2 - PBC093J00AA
M3 - PBC122J00AA
M4 - PBC123J00AA
M5 - PBE093J35AA
M6 - PBE123J35AA
M7 - PBH073J35AA
M8 - PBH092J12AA
M9 - PBH093J35AA
M10 - PBH113J35AA

Fan Housing and IDU Air Guide Assembly

IMAGE 1

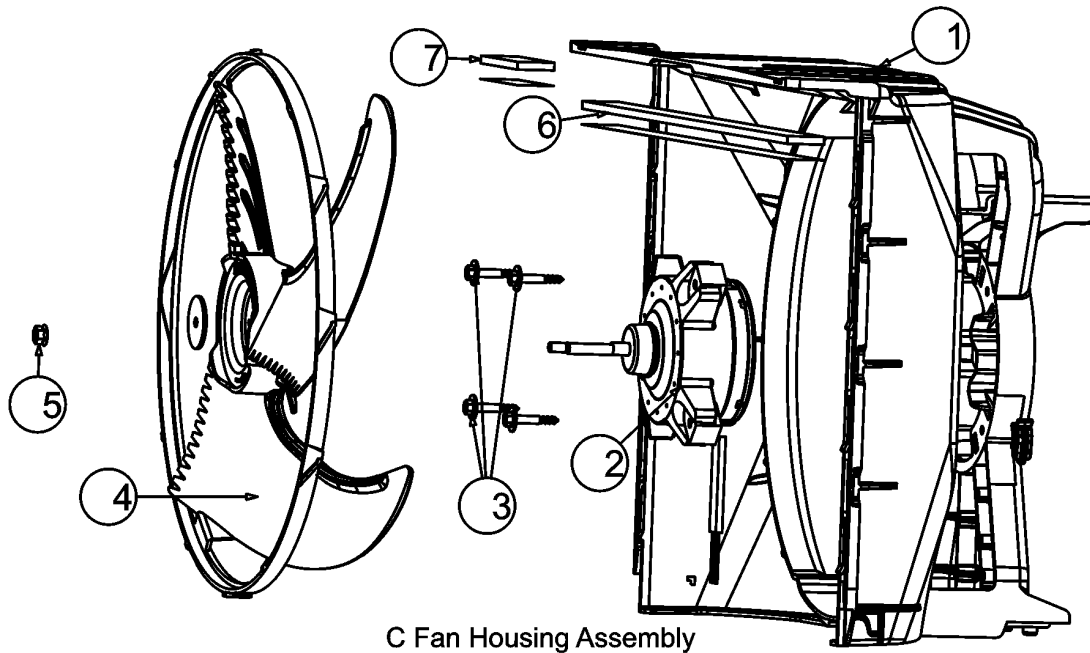
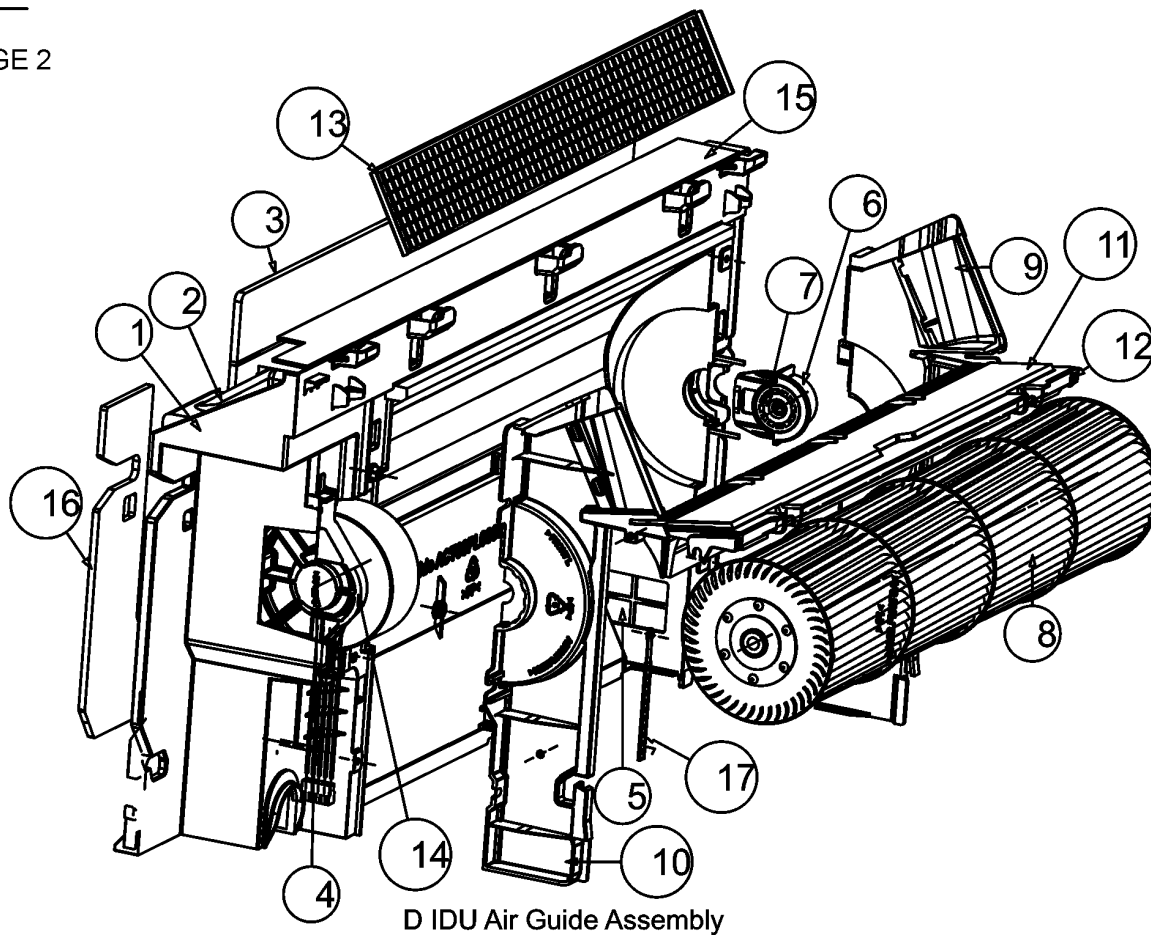


IMAGE 2



Fan Housing and IDU Air Guide Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

0	ACT09PL01101	TTW Fan Housing Assembly
1	ACT09PL00701	Fan Housing
2	ACT09MOT00301	TTW ODU BLDC Motor
3	ACT09HA01001	BLDC Motor Screw (QTY 4)
4	ACT09PL00801	Fan Blade-TTW
5	ACA20HA00802	Flange Nut M6
6	ACT09IN00102	TTW-INSULATION
7	ACT09IN00110	TTW-INSULATION Small

Image 2:

0	ACT09PL01801	TTW IDU Air Guide Assembly (M1, M2, M3, M4)
0	ACT09PL01802	TTW IDU Air Guide Assembly (M5, M6, M7, M9, M10)
0	ACT09PL01803	TTW IDU Air Guide Assembly (M8)
1	ACT09PL00601	Back Air Guide
2	ACT09EPS00101	Air guide EPS
3	ACT09IN00601	Noise Insulation
4	ACT09PL03401	Motor Cover
5	ACT09PL04002	Fresh Air Dumper
6	ACT09PL03501	Bearing Holder
7	ACI1RU00101	Rubber Bearing
8	ACT09AL00301	Aluminium CFF
9	ACT09PL02601	Front Discharge R
10	ACT09PL02501	Front Discharge L
11	ACT09PL00201	Discharge Plate
12	ACT09EPS00701	Discharge Plate EPS
13	ACT09SM02801	Wire Mesh
14	ACE10MOT00202	IDU BLDC Motor
15	ACT09IN00801	Back air guide top side insulation
16	ACT09IN00701	Noise Insulation Small
17	ACW1HA00101	Tie wire supporter for capillary

Expanded Model Nomenclature

M1 - PBC092J00AA
M2 - PBC093J00AA
M3 - PBC122J00AA
M4 - PBC123J00AA
M5 - PBE093J35AA
M6 - PBE123J35AA
M7 - PBH073J35AA
M8 - PBH092J12AA
M9 - PBH093J35AA
M10 - PBH113J35AA

Discharge Grill and Functional Parts

IMAGE 1

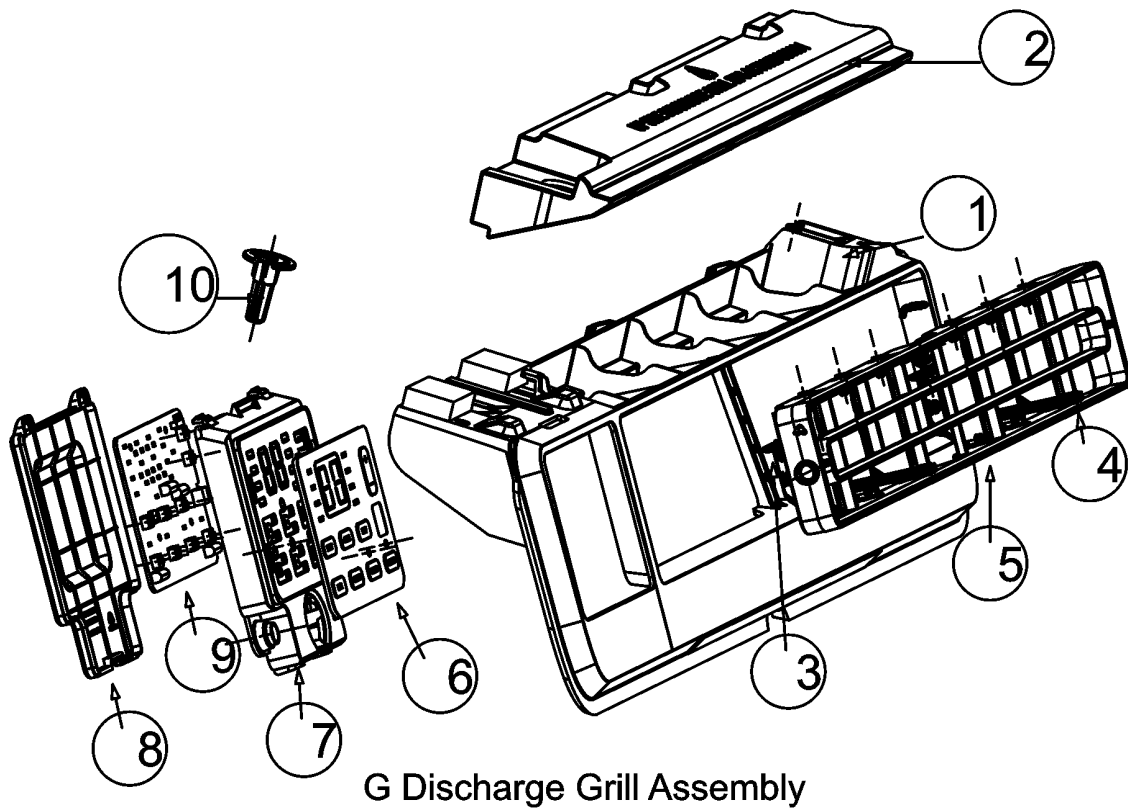
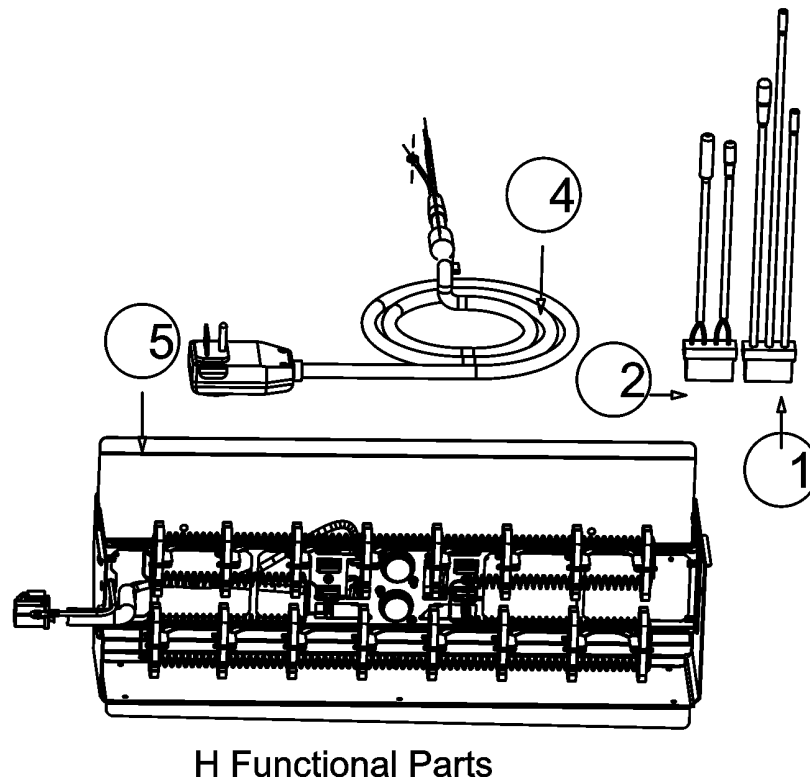


IMAGE 2



Discharge Grill and Functional Parts

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

0	ACT09PL00501	Discharge Grill Assembly TTW
1	ACT09PL02701	Discharge Grill
2	ACT09EPS00601	Discharge EPS
3	ACT09PL03001	Vane Handles (QTY 2)
4	ACT09PL02901	Vane Vertical TTW (with handle) (QTY 2)
5	ACT09PL02801	Vane Horizontal TTW
6	ACT09PR00101	TTW Escutcheon
7	ACT09PL01502	Display panel top cover
8	ACT09PL01602	Display Panel back cover
9	ACT09EL00301	TTW display PCB
10	ACT091PL03701	CFF Discharge Air Sensor Holder

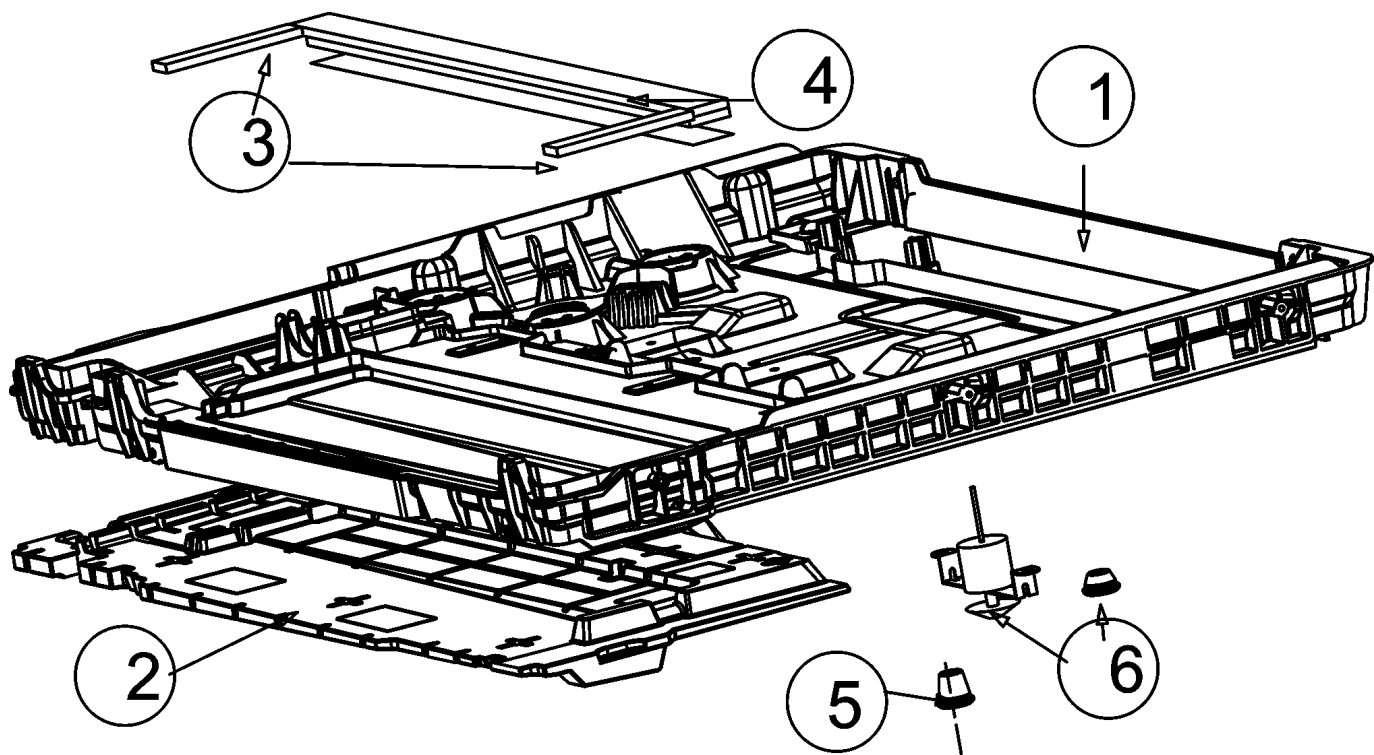
Image 2:

0	NA	Functional Parts
1	ACT09EL02401	IDU Temperature Sensor
2	ACT09EL02501	ODU Temperature Sensor
4	ACE10WI00301	LCDI Power Cord (M2, M4)
4	ACE10WI00302	LCDI Power Cord (M5, M6, M7, M9, M10)
4	ACE10WI00403	LCDI Power Cord (M1, M3, M8)
5	ACT09EL03001	Heater Assembly (M5, M6, M7, M9, M10)
5	ACT09EL03101	Heater Assembly (M8)

Expanded Model Nomenclature

M1 - PBC092J00AA
M2 - PBC093J00AA
M3 - PBC122J00AA
M4 - PBC123J00AA
M5 - PBE093J35AA
M6 - PBE123J35AA
M7 - PBH073J35AA
M8 - PBH092J12AA
M9 - PBH093J35AA
M10 - PBH113J35AA

Base Pan Assembly



J Base Pan Assembly

Base Pan Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

0	ACT09PL01701	Base Pan Assembly - TTW (M1, M2, M3, M4, M5, M6)
0	ACT09PL01702	Base Pan Assembly - TTW (M7, M8, M9, M10)
1	ACT09PL00101	Base Pan Plastic TTW
2	ACT09EPS00201	TTW Base Pan EPS
3	ACT09IN00104	INSULATION BASE PAN (QTY 2)
4	ACT09IN00105	INSULATION BASE PAN
5	ACW4RU00301	TTW Rubber Drain Plug
6	ACT12HA00101	TTW Rubber Drain Plug (M7, M8, M9, M10)
6	ACW3RU00201	TTW Rubber Drain Plug (M1, M2, M3, M4, M5, M6)

Expanded Model Nomenclature

M1 - PBC092J00AA
M2 - PBC093J00AA
M3 - PBC122J00AA
M4 - PBC123J00AA
M5 - PBE093J35AA
M6 - PBE123J35AA
M7 - PBH073J35AA
M8 - PBH092J12AA
M9 - PBH093J35AA
M10 - PBH113J35AA