

**HIGH POWER MULTI  
AIR CONDITIONER**

**WALL MOUNTED type**

# **SERVICE MANUAL**

| Models | Indoor unit | Outdoor unit |
|--------|-------------|--------------|
|        | ASY12ANB-W  | AOY32ANBM4   |
|        | ASY12ANC-W  | AOY32ANCM4   |

## **C O N T E N T S**

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## S P E C I F I C A T I O N S

|                         |                        |            |
|-------------------------|------------------------|------------|
| TYPE                    | COOL                   |            |
| OPERATION               | 1 UNIT                 | 4 UNITS    |
| INDOOR UNIT             | ASY12ANB-W, ASY12ANC-W |            |
| OUTDOOR UNIT            | AOY32ANBM4, AOY32ANCM4 |            |
| COOLING CAPACITY [W(A)] | 3.45 - 3.50            | 9.1 - 9.40 |

### ELECTRICAL SPECIFICATIONS

|                            |             |             |
|----------------------------|-------------|-------------|
| POWER SUPPLY (V)           | 220 - 240   |             |
| FREQUENCY (Hz)             | 50          |             |
| RUNNING CURRENT (A)        | 8.0 - 8.1   | 17.2 - 17.4 |
| INPUT (W)                  | 1.67 - 1.75 | 3.60 - 3.76 |
| EER (W/W)                  | 2.07 - 2.00 | 2.53 - 2.50 |
| MOISTURE REMOVAL (ℓ/hr)    | 1.2         | 3.2         |
| AIR CIRCULATION-Hi (m³/hr) | 475         |             |

### COMPRESSOR

|                      |                                                                                    |  |
|----------------------|------------------------------------------------------------------------------------|--|
| TYPE                 | Hermetic type, Permanent split condenser,<br>2 pole, Single phase, Induction motor |  |
| CODE                 | 2KS282D5AA02                                                                       |  |
| REFRIGERANT R-22 (g) | 1,200 x 2                                                                          |  |

### FAN MOTOR

|                  |                    |       |
|------------------|--------------------|-------|
| POWER SUPPLY (V) |                    | 240   |
| INDOOR UNIT      | HI-SPEED (r.p.m.)  | 1,385 |
|                  | MED-SPEED (r.p.m.) | 1,295 |
|                  | LO-SPEED (r.p.m.)  | 1,210 |
| OUTDOOR UNIT     | HI-SPEED (r.p.m.)  | 790   |
|                  | LO-SPEED (r.p.m.)  | 450   |

### DIMENSIONS

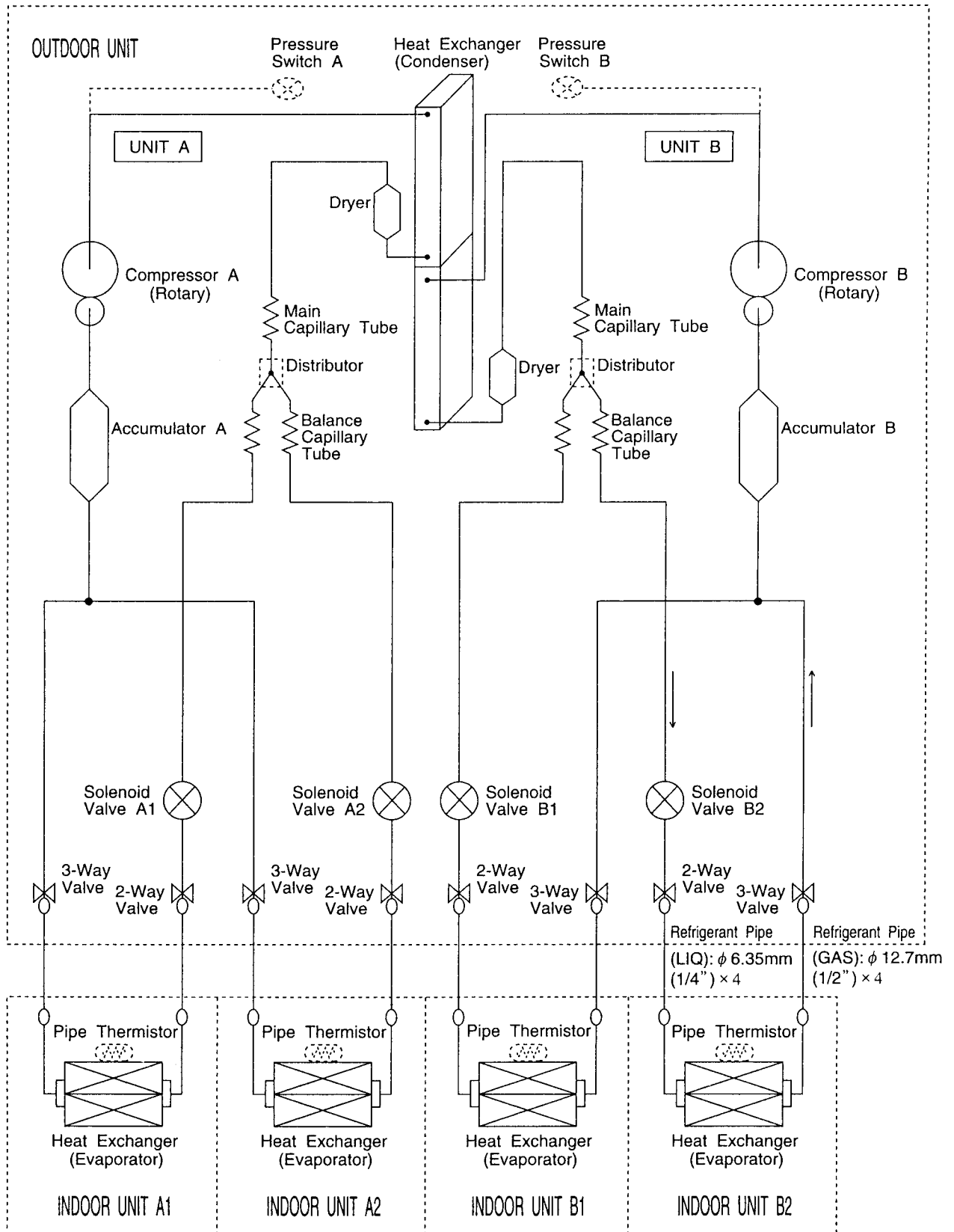
|              |             |       |
|--------------|-------------|-------|
| INDOOR UNIT  | HEIGHT (mm) | 260   |
|              | WIDTH (mm)  | 815   |
|              | DEPTH (mm)  | 168   |
| OUTDOOR UNIT | HEIGHT (mm) | 1,152 |
|              | WIDTH (mm)  | 940   |
|              | DEPTH (mm)  | 370   |

### WEIGHT

|              |                  |           |
|--------------|------------------|-----------|
| INDOOR UNIT  | GROSS / NET (kg) | 10 / 8    |
| OUTDOOR UNIT | GROSS / NET (kg) | 115 / 101 |

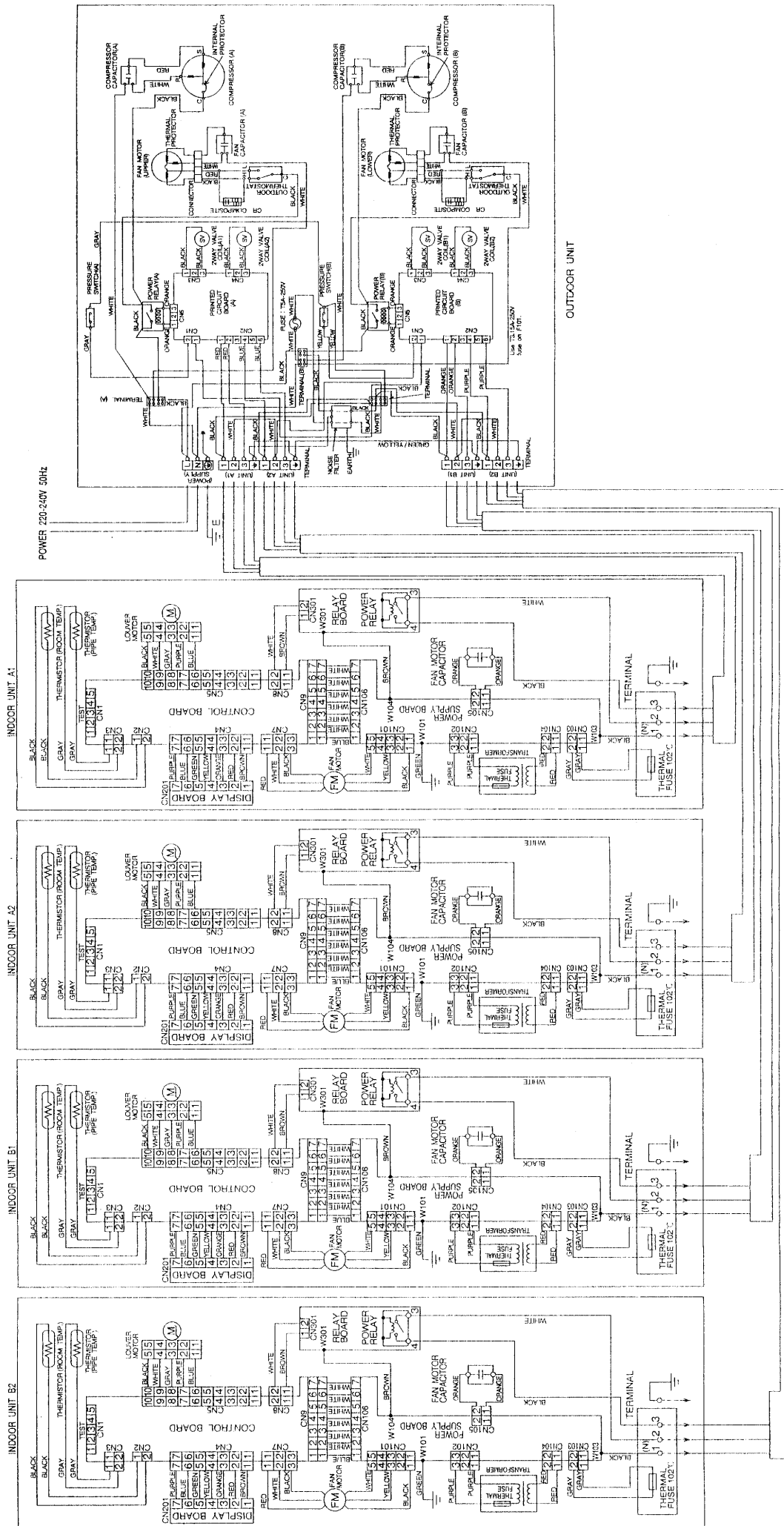
# REFRIGERANT CYCLE

Models : ASY12ANB-W/AOY32ANBM4  
ASY12ANC-W/AOY32ANCM4



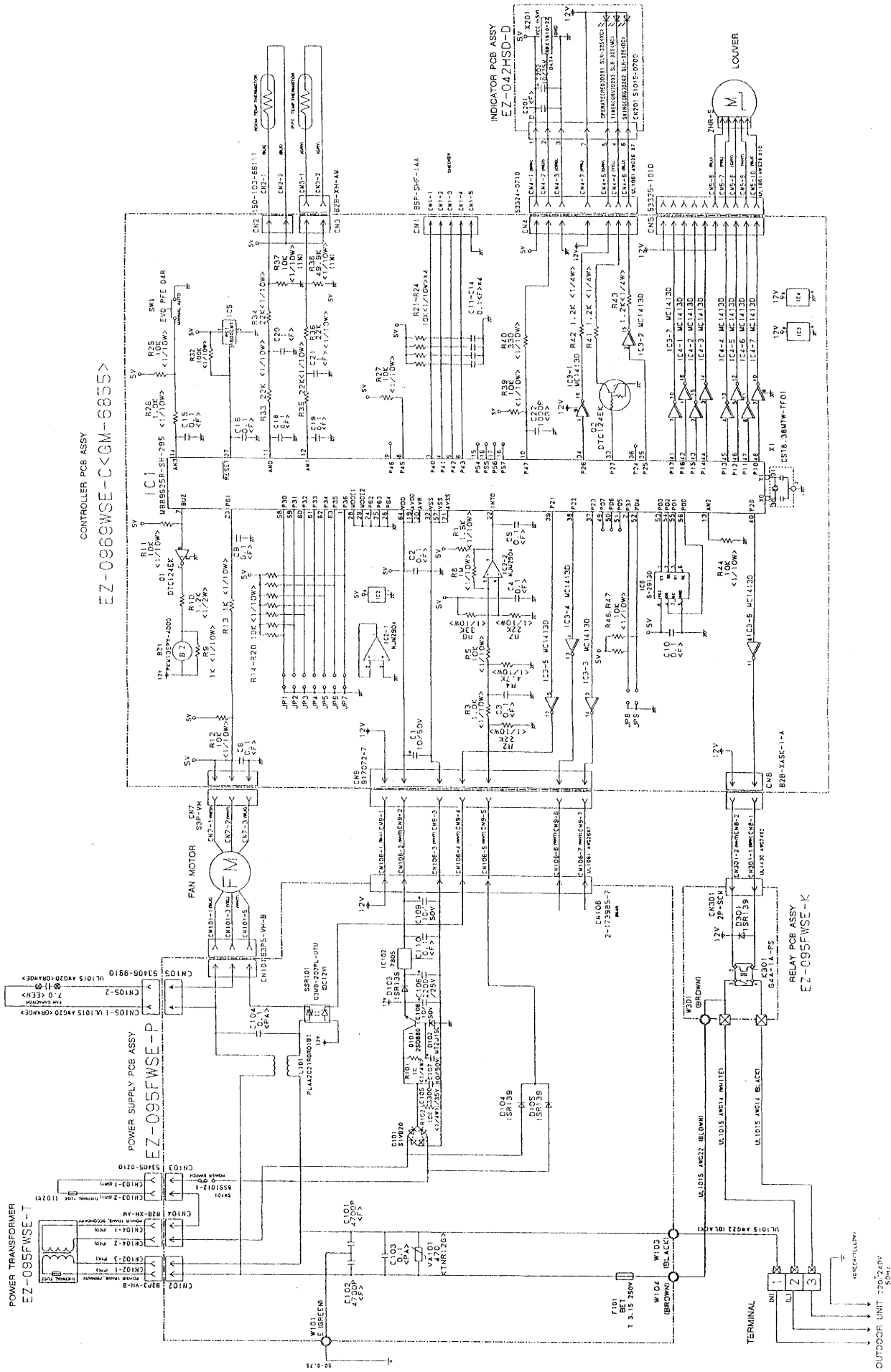
# CIRCUIT DIAGRAM

Models : ASY12ANB-# /ADY32ANB#4  
ASY12ANC-# /ADY32ANC#4



# INDOOR PRINTED CIRCUIT BOARD

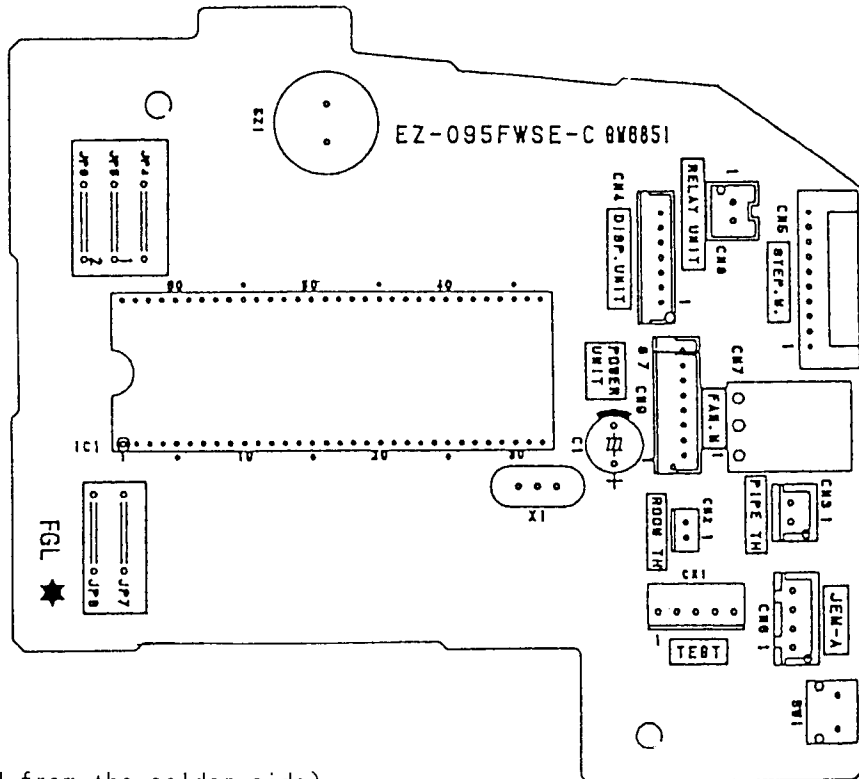
Models : ASY12ANB-W  
ASY12ANC-W



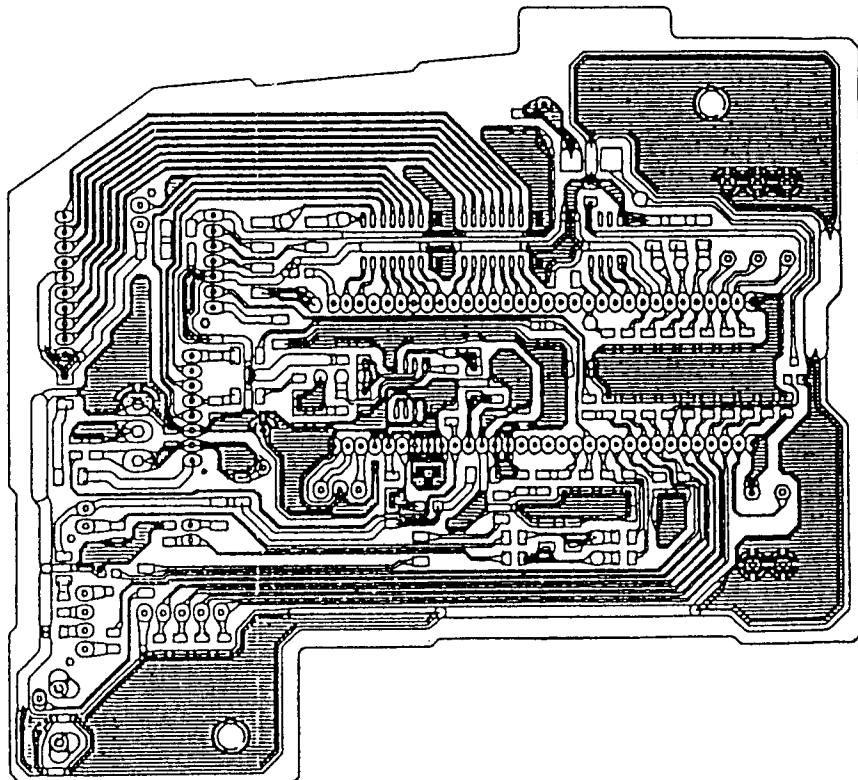
# INDOOR P. C. BOARD OVERLAY

Models : ASY12ANB-W  
ASY12ANC-W

(Viewed from the component side)

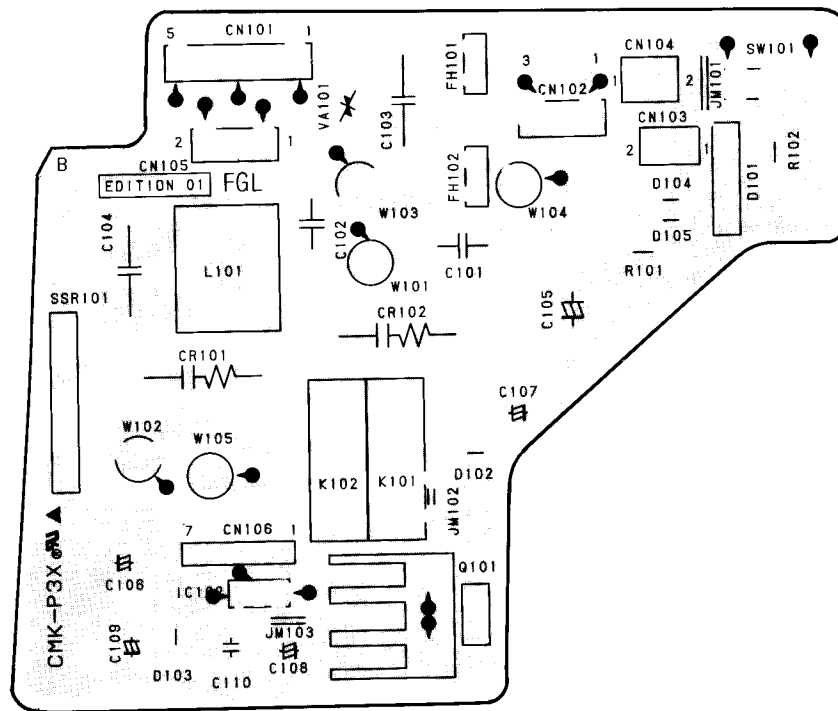


(Viewed from the solder side)



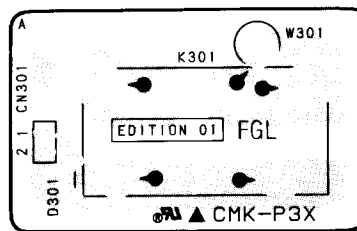
# POWER SUPPLY P. C. BOARD OVERLAY

(VIEWED FROM THE SOLDER SIDE)



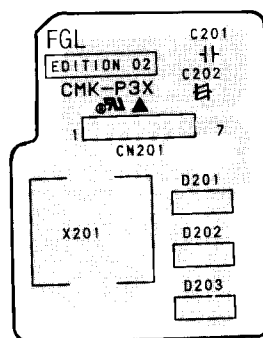
# RELAY P. C. BOARD OVERLAY

(VIEWED FROM THE SOLDER SIDE)



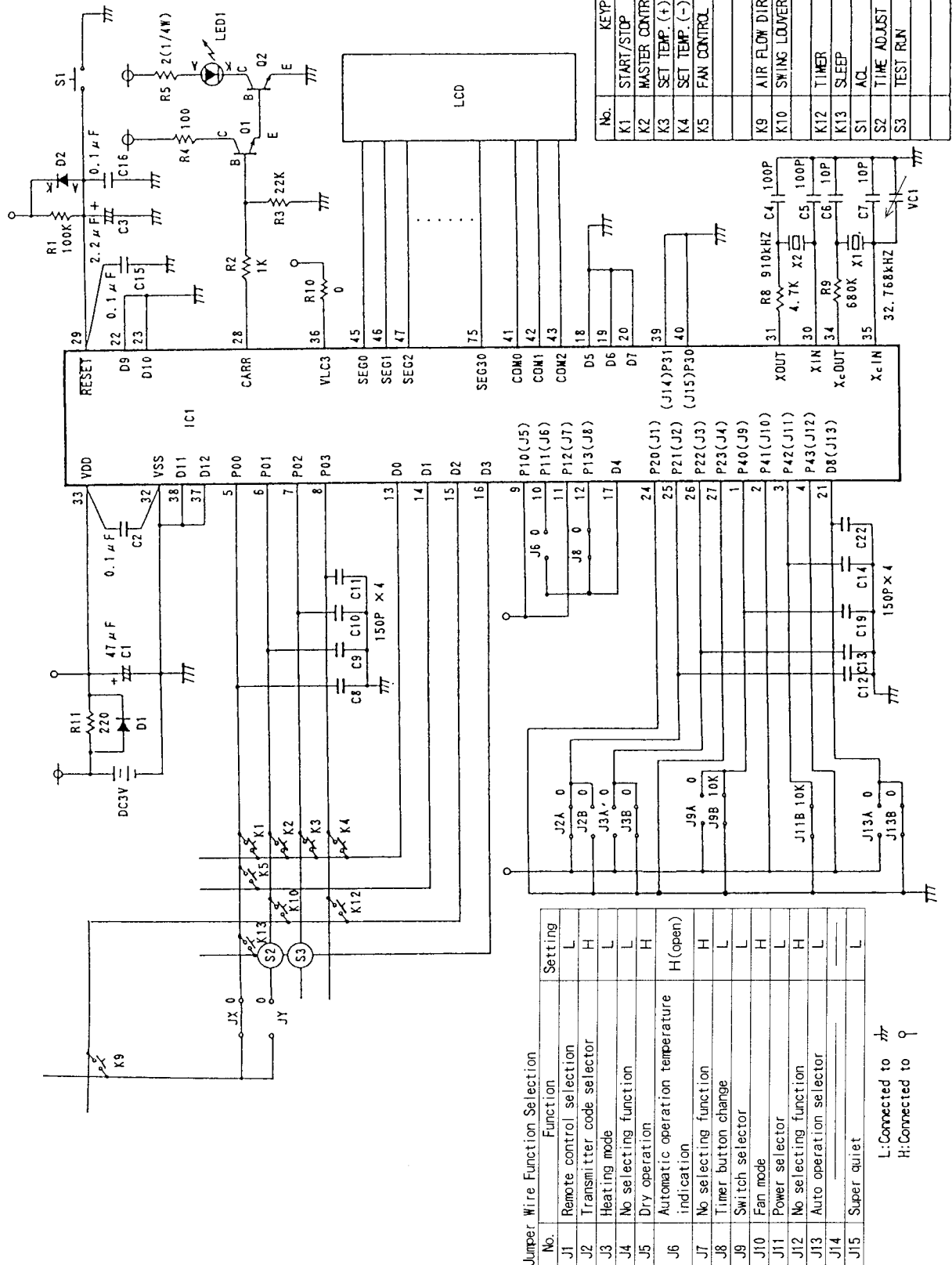
# INDICATOR P. C. BOARD OVERLAY

(VIEWED FROM THE SOLDER SIDE)



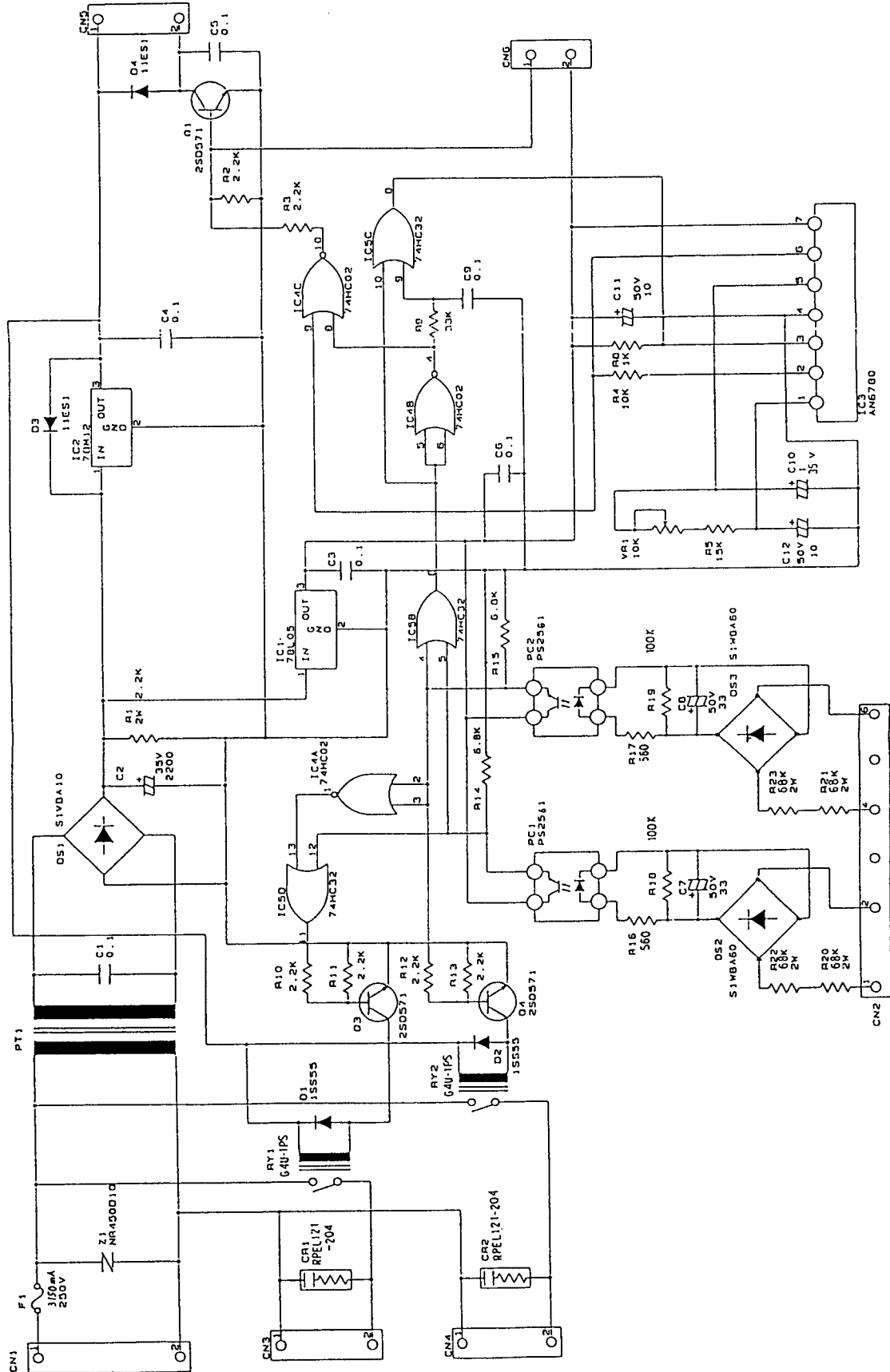
# REMOTE CONTROLLER CIRCUIT DIAGRAM

Models : ASY12ANB-W  
ASY12ANC-W



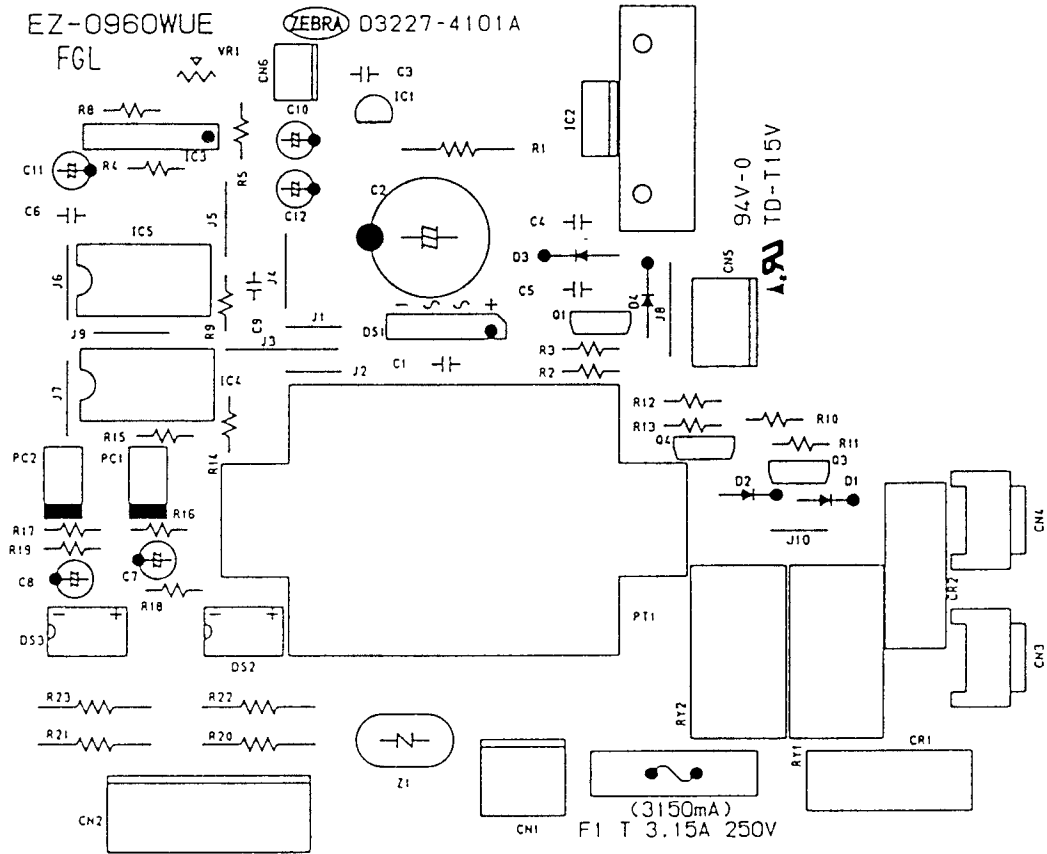
# OUTDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM

Models : AOY32ANBM4  
AOY32ANCM4



# OUTDOOR P. C. OVERLAY

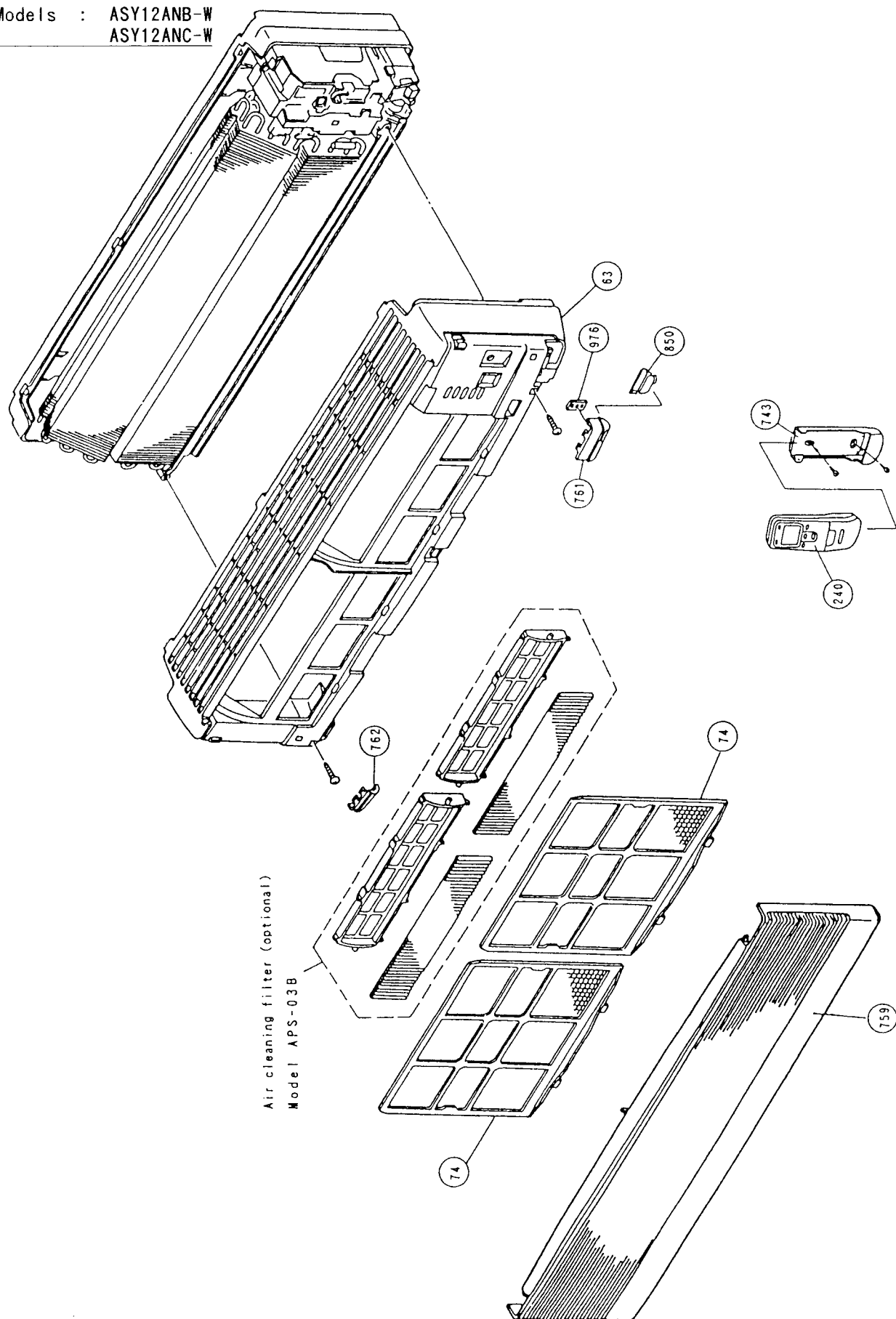
Models : AOY32ANBM4  
AOY32ANCM4

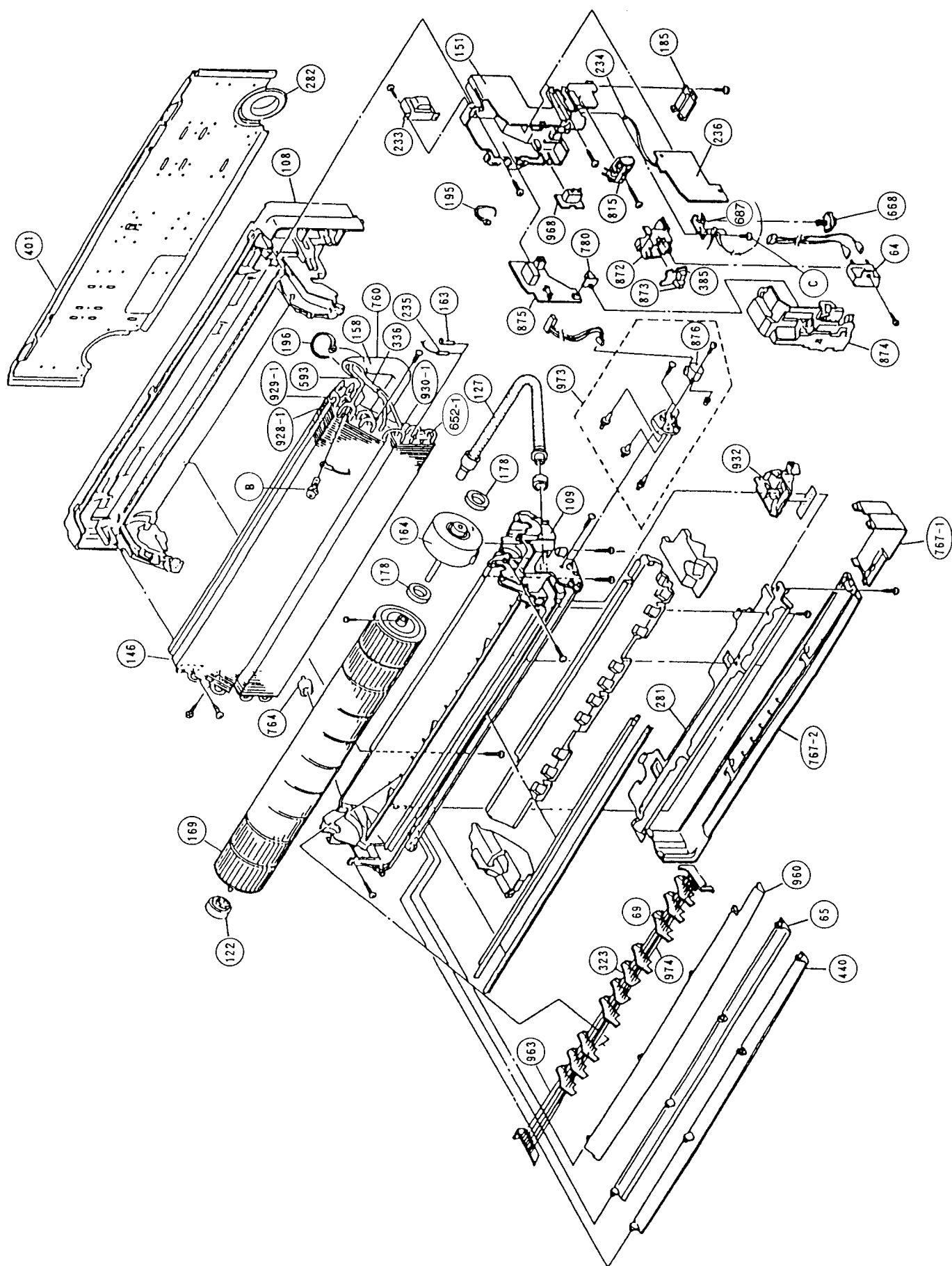


(VIEWED FROM THE SOLDER SIDE)

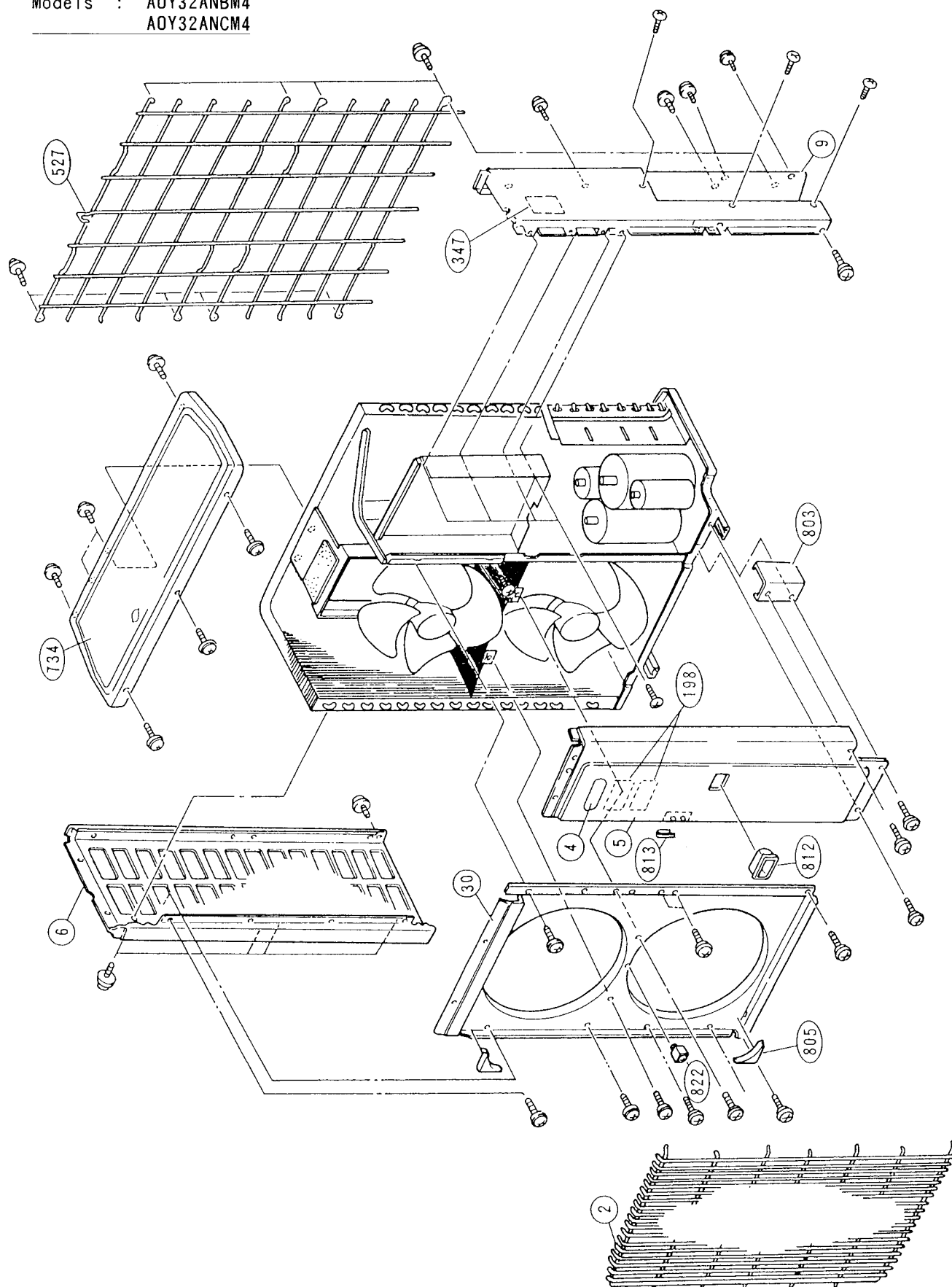
# DISASSEMBLY ILLUSTRATION

Models : ASY12ANB-W  
ASY12ANC-W

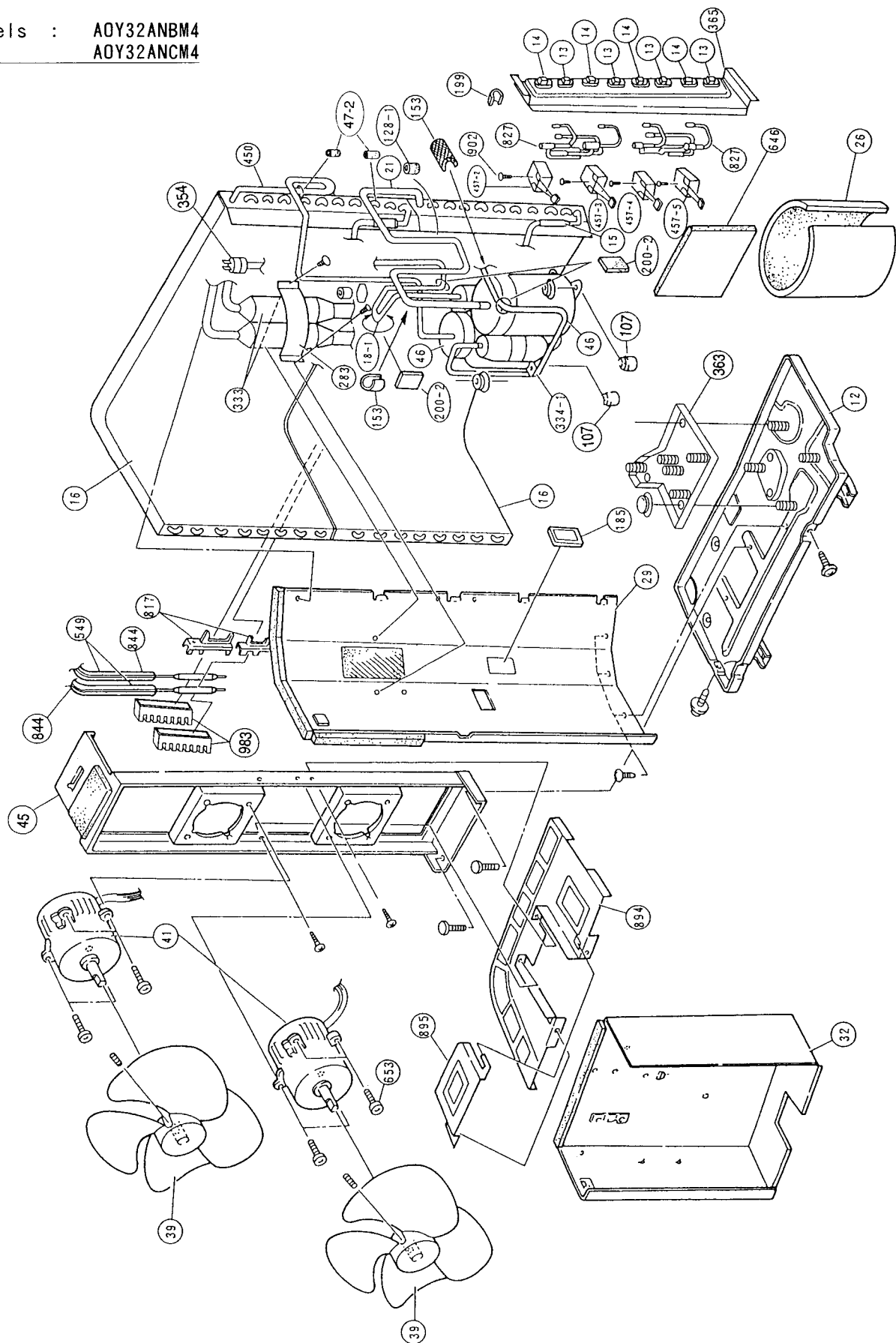




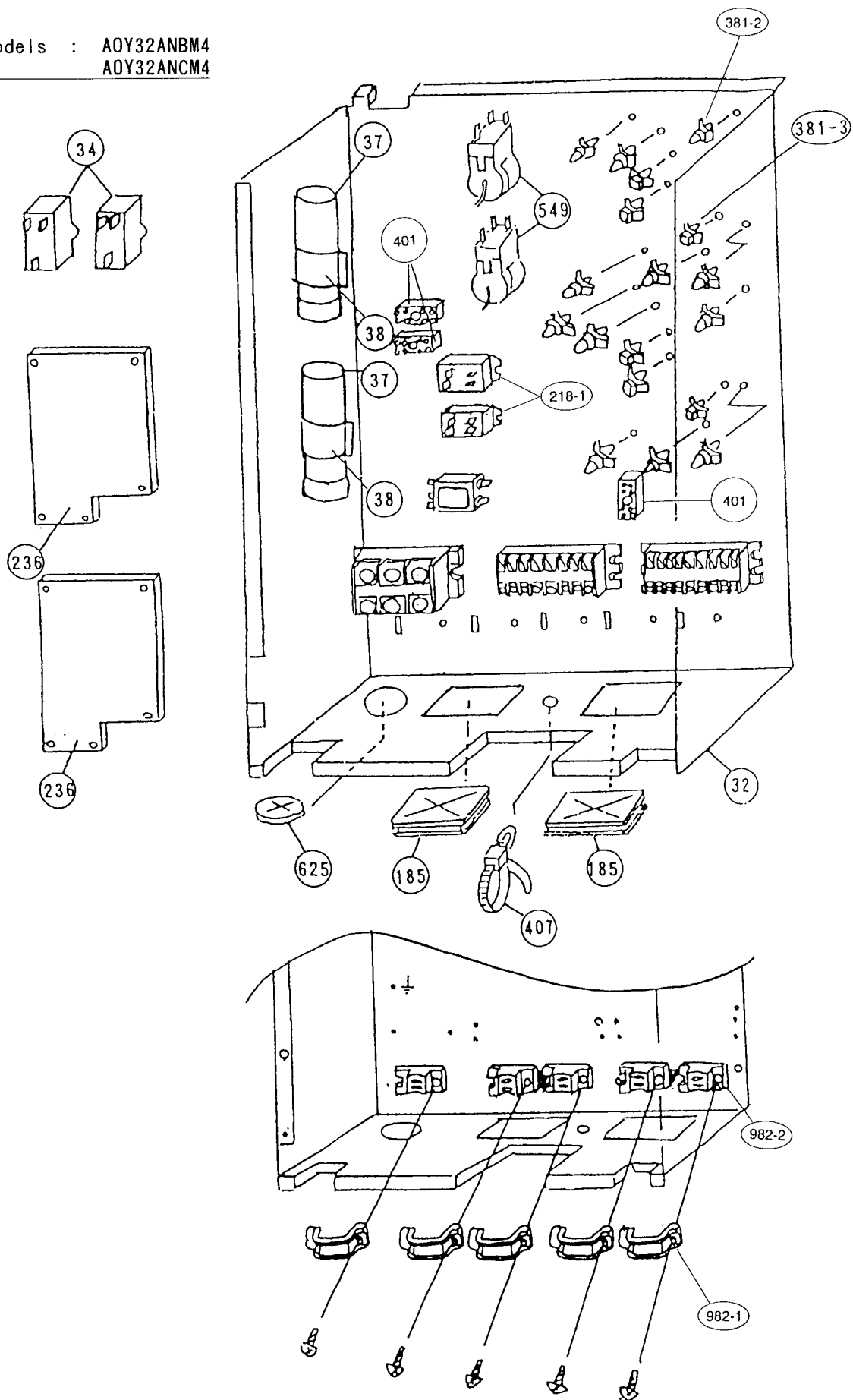
Models : AOY32ANBM4  
AOY32ANCM4



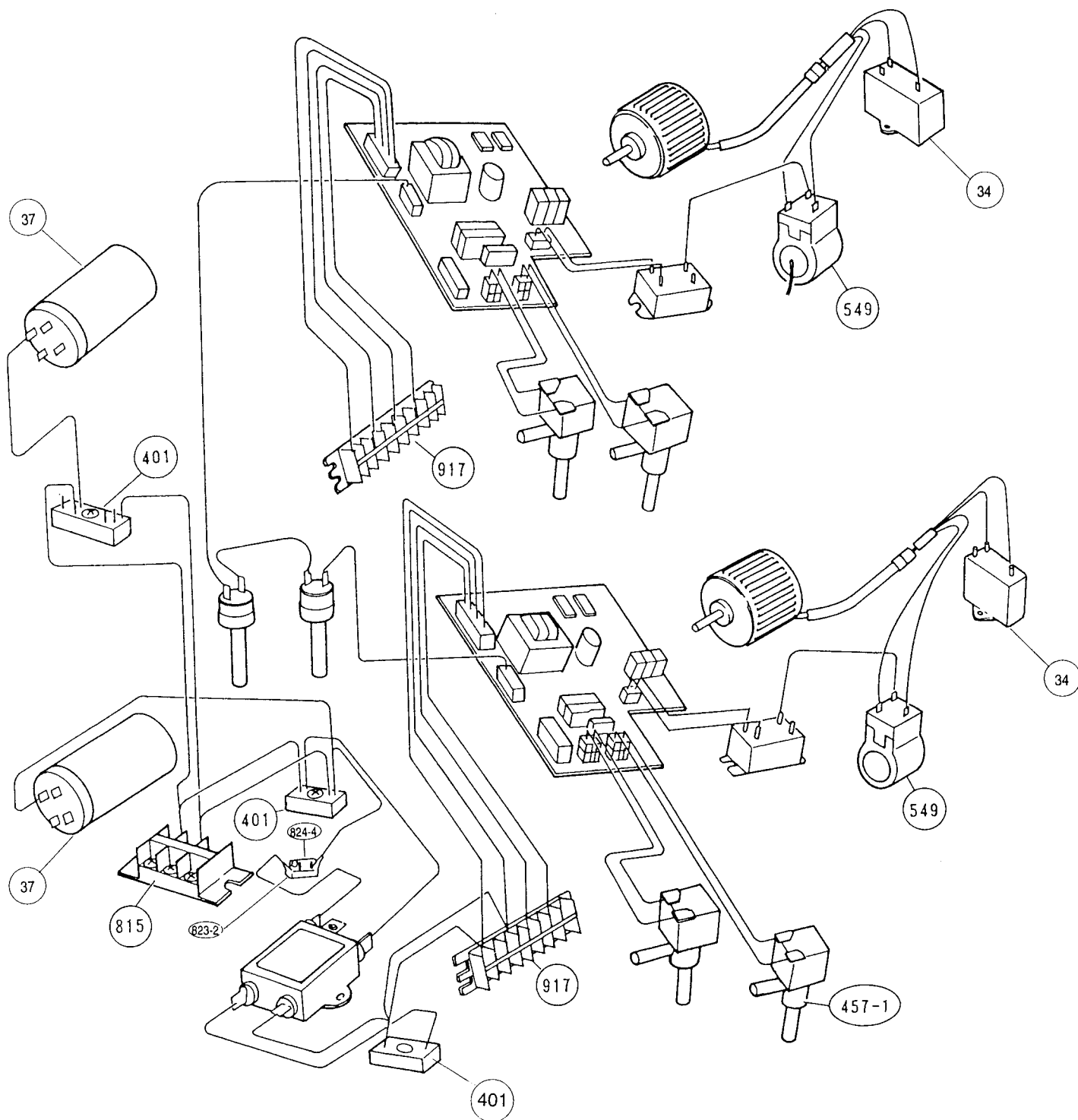
Models : AOY32ANBM4  
AOY32ANCM4



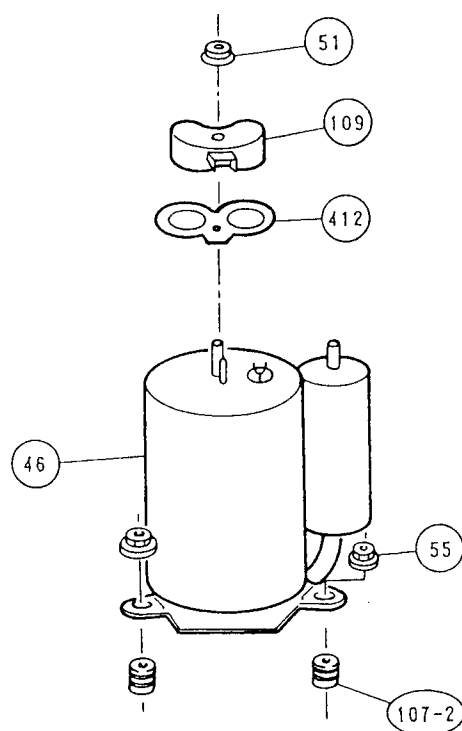
Models : AOY32ANBM4  
AOY32ANCM4



Models : AOY32ANBM4  
AOY32ANCM4



Models : AOY32ANBM4  
AOY32ANCM4



# P A R T S   L I S T

## INDOOR UNIT

When you order parts, please make a photocopy of this page and fill the number of the parts in the "Order" column.

| Ref.<br>No. | Description            | Part No.     | Order<br>Q' ty | Ref.<br>No. | Description            | Part No.     | Order<br>Q' ty |
|-------------|------------------------|--------------|----------------|-------------|------------------------|--------------|----------------|
| 63          | Front Panel Assy       | 9305656097   |                | 743         | Remote Control Holder  | 9305642014   |                |
| 64          | Capacitor (Fan Motor)  | 9702105020   |                | 759         | Intake Grille-B        | 9305995028   |                |
| 65          | Flow Control Panel-Z   | 9305443017   |                | 761         | Side Cover-R           | 9305996025   |                |
| 69          | Louver-A               | 9305415014   |                | 762         | Side Cover-L           | 9305437054   |                |
| 74          | Filter                 | 9305444014   |                | 764         | Drain Cap Assy         | 9304150008   |                |
| 108         | Base                   | 9305427017   |                | 767-1       | Bottom Cover-A         | 9305428014   |                |
| 109         | Casing                 | 9305411016   |                | 767-2       | Bottom Cover-B         | 9305429011   |                |
| 122         | Shaft Holder-B         | 9303066010   |                | 780         | Key Top (Slide Switch) | 9303526002   |                |
| 127         | Drain Hose Assy        | 9305550029   |                | 815         | Terminal-3P            | 9701955046   |                |
| 146         | Evaporator Assy        | 9305738014   |                | 824-3       | Fuse                   | 0600222512   |                |
| 151         | Control Box            | 9306763015   |                | 850         | Window (Receiver)      | 9305439010   |                |
| 158         | Connecting Pipe Assy   | 9307073007   |                | 872         | Indicator Case         | 9305978014   |                |
| 163         | Thermistor Spring      | 313104262701 |                | 873         | Lamp Cover             | 9305451012   |                |
| 164         | Fan Motor Assy-IN      | 9304631118   |                | 874         | Control Box Cover      | 9305977017   |                |
| 169         | Cross-flow Fan Assy    | 9305435012   |                | 875         | Power Supply PCB Assy  | 9701564019   |                |
| 178         | Motor Cushion-A        | 9303528006   |                | 876         | Step Motor             | 9305780006   |                |
| 185         | Cord Clamp             | 9305940004   |                | 928-1       | U-Pipe (BB)            | 9305747009   |                |
| 195         | Clamp SKB-100          | 313361275805 |                | 929-1       | U-Pipe (V)             | 9305748006   |                |
| 196         | Clamp SKB-150          | 313035356905 |                | 930-1       | U-Pipe (W)             | 9305749003   |                |
| 233         | Power Transformer      | 9301565016   |                | 932         | Outlet Cover           | 9305414017   |                |
| 235         | Thermistor Assy-(Pipe) | 9701102013   |                | 960         | Diffuser               | 9305412013   |                |
| 236         | Controller PCB Assy    | 9701900015   |                | 961         | Guard Clamp            | 9306332013   |                |
| 240         | Remote Control Unit    | 9306049010   |                | 962-1       | Guard Holder-L         | 9305753017   |                |
| 281         | Clamp Metal (Pipe)     | 9306192006   |                | 962-2       | Guard Holder-R         | 9305752010   |                |
| 282         | Wall Cap-B (Accessory) | 313714296205 |                | 963         | Fan Guard              | 9305751013   |                |
| 323         | Louver-B               | 9305597017   |                | 964         | Flare Nut-A            | 313996239804 |                |
| 385         | Indicator PCB Assy     | 9701364015   |                | 965         | Flare Nut-B            | 9351062019   |                |
| 401         | Wall Hook Bracket      | 9304358008   |                | 967-1       | Bonnet-B               | 9304799016   |                |
| 440         | Flow Control Panel-U   | 9306173036   |                | 967-2       | Bonnet-C               | 9306700010   |                |
| 652-1       | Thermistor Holder Pipe | 313714262805 |                | 968         | Relay PCB Assy         | 9701656011   |                |
| 687         | Earth Terminal         | 9306483005   |                | 973         | Gear Assy              | 9305452002   |                |
| 688         | Screw w/Washer         | 313681304205 |                | 974         | Joint (Louver)         | 9305416011   |                |

## OUTDOOR UNIT

| Ref.<br>No. | Description                  | Part No.     | Order<br>Q' ty | Ref.<br>No. | Description                 | Part No.     | Order<br>Q' ty |
|-------------|------------------------------|--------------|----------------|-------------|-----------------------------|--------------|----------------|
| 2           | Fan Cover                    | 9352159015   |                | 117-3       | Special Washer              | 313306391007 |                |
| 4           | Emblem-Rear "FUJITSU"        | 9351355005   |                | 128-1       | Rubber (Discharge Pipe )    | 313155086308 |                |
| 5           | Cabinet-A, Painted           | 9352146015   |                | 153         | BR Sheet-C                  | 313986108406 |                |
| 6           | Cabinet-C, Painted           | 9352149016   |                | 178-2       | Capillary Holder Rubber     | 313394274808 |                |
| 9           | Cabinet-B, Painted           | 9354380011   |                | 185         | Rubber Bushing              | 313005066051 |                |
| 12          | Base Assy, Painted           | 9358143025   |                | 187-2       | Clamp NO. 617               | 9355050005   |                |
| 13          | 3-Way Valve                  | 9357863009   |                | 195         | Clamp SKB-100               | 313361275805 |                |
| 14          | 2-Way Valve                  | 9357862002   |                | 196         | Clamp SKB-150               | 313035356905 |                |
| 15          | Dryer                        | 313523082505 |                | 196-1       | Clamp SKB-3M                | 312300787605 |                |
| 16          | Condenser Assy               | 9354784000   |                | 198         | Noise Insulation-A          | 313394257905 |                |
| 18-1        | Suction Pipe-A Assy          | 9354815018   |                | 199-2       | BR Sheet                    | 313612108209 |                |
| 21          | Discharge Pipe-B Assy        | 9358232002   |                | 200-2       | BR Sheet-B                  | 9351990022   |                |
| 26          | Compressor Cover-A           | 9354790001   |                | 218-1       | Power Relay                 | 313728310308 |                |
| 29          | Separate Wall Assy           | 9354740013   |                | 236         | Controller PCB Assy         | 9701871018   |                |
| 30          | Blower Cover, Painted        | 9352151033   |                | 283         | Accumulator Band            | 9354889002   |                |
| 32          | Control Box Metal            | 9354377004   |                | 333         | Accumulator                 | 9354911000   |                |
| 34          | Capacitor (Fan Motor)        | 9357965024   |                | 334-1       | Suction Pipe-B Assy         | 9354816015   |                |
| 37          | Running Capacitor            | 9356386073   |                | 347         | Noise Insulation-D          | 313712304109 |                |
| 38          | Clamp Metal (Capacitor)      | 313468061808 |                | 354         | Pressure Switch             | 9355094009   |                |
| 39          | Propeller Fan Assy           | 9300855013   |                | 363         | Bracket (Compressor)        | 9358142004   |                |
| 41          | Fan Motor Induction-Outer    | 9600266021   |                | 365         | Base Fixing 3-Way Valve PTD | 9354376014   |                |
| 45          | Bracket (Motor) Assy         | 9352141003   |                | 381-2       | Locking Spacer KGLS-8S      | 0600035020   |                |
| 46          | Compressor Assy-2KS282D5AA02 | 9358133002   |                | 381-3       | Locking Spacer KGPS-8S      | 0600118051   |                |
| 47-2        | Rubber (Discharge Pipe)      | 313185159802 |                | 401         | Terminal-2P                 | 9701971015   |                |
| 51          | Special Nut M5 (For Comp.)   | 9300301015   |                | 407         | Clip (Cable) No.1259        | 313739340109 |                |
| 55          | Special Nut M8 (For Comp.)   | 313252257701 |                | 412         | Terminal Gasket (Comp.)     | 9351051013   |                |
| 107         | Rubber Seat(For Comp.)-A     | 9351049010   |                | 450         | Discharge Pipe-A Assy       | 9358231005   |                |
| 109         | Terminal Cover (Comp.)       | 9351048013   |                | 457-1       | Solenoid Valve, Main        | 9353564009   |                |

When you order parts, please make a photocopy of this page  
and fill the number of the parts in the "Order" column.

OUTDOOR UNIT (Continued)

| Ref.<br>No. | Description                           | Part No.   | Order<br>Q'ty | Ref.<br>No. | Description              | Part No.   | Order<br>Q'ty |
|-------------|---------------------------------------|------------|---------------|-------------|--------------------------|------------|---------------|
| 457-2       | Solenoid Coil-AA                      | 9354853010 |               | 803         | Cabinet-D, Painted       | 9352150012 |               |
| 457-3       | Solenoid Coil-BA                      | 9354853027 |               | 705         | Blower Cover Corner      | 9352160011 |               |
| 457-4       | Solenoid Coil-AB                      | 9354854017 |               | 823-2       | Fuse Holder              | 0500063024 |               |
| 457-5       | Solenoid Coil-BB                      | 9354854024 |               | 824-4       | Fuse                     | 0600222529 |               |
| 527         | Protective Net (Condenser)            | 9352163012 |               | 844         | Wire-S (Shield Tube)     | 9352307010 |               |
| 549         | Thermostat-Outside                    | 9352426001 |               | 894         | Separate Wall-A (Center) | 9354378001 |               |
| 625         | Cap (Power)                           | 9352173011 |               | 895         | Separate Wall-B (Center) | 9354379008 |               |
| 646         | Compressor Cover-B                    | 9354791008 |               | 902         | Screw (Solenoid Valve)   | 9353839008 |               |
| 653         | Bolt (F. Motor Fix)                   | 0700156014 |               | 917         | Terminal-8P              | 9358660119 |               |
| 734         | Cabinet Top Plate                     | 9352161018 |               | 982-1       | Cord Clamp               | 9356857009 |               |
| 754         | Terminal Gasket Washer<br>(For Comp.) | 9351053017 |               | 982-2       | Cord Clamp-B             | 9356858006 |               |
|             |                                       |            |               | 983         | Thermostat Cover         | 9358274002 |               |

[ INDOOR P.C.B. ] ASY12ANB-W, ASY12ANC-W  
CONTROLLER PCB ASSEMBLY (Ref. No. 236)

| Ref. No.                              | Description                    | Part No.   | Ord.<br>Q'ty | Ref. No.           | Description                          | Part No.   | Ord.<br>Q'ty |
|---------------------------------------|--------------------------------|------------|--------------|--------------------|--------------------------------------|------------|--------------|
| IC1                                   | IC MB89625R-SH-295             | 1300516024 |              | R41~43             | Res. 1.2k $\Omega$ $\pm$ 5%          | 0200691534 |              |
| IC2                                   | IC NJM2904M                    | 0100534054 |              | JC1~4, 6~9         | Res. 0 $\Omega$                      | 0200230016 |              |
| IC3, 4                                | IC MC1413D                     | 0101736013 |              | 11~17              |                                      |            |              |
| IC5                                   | IC PST600CMT                   | 0101461120 |              | C1                 | Cap. Elec 50V 10 $\mu$ F             | 0300003145 |              |
| IC6                                   | IC S29130ADFJ-TB               | 0101919218 |              | C2~5, 8~16, 18, 19 | Cap. Ceramic 25V 0.1 $\mu$ F         | 1902783046 |              |
| Q1~3                                  | Xstr DTC124EK                  | 0000517034 |              | C17                | Cap. Ceramic 0.1 $\mu$ F             | 1902783046 |              |
| R1                                    | Res. 1.5k $\Omega$ $\pm$ 5%    | 0200212784 |              | C20, 21            | Cap. Ceramic 16V 1 $\mu$ F           | 1800119015 |              |
| R2, 7, 33~36                          | Res. 22k $\Omega$ $\pm$ 5%     | 0200213095 |              | C22                | Cap. Ceramic 50V 1000pF              | 1902829072 |              |
| R3, 9, 13, 26                         | Res. 1k $\Omega$ $\pm$ 5%      | 0200212746 |              | X1                 | Ceramic Resonator<br>CST8.38MTW-TF01 | 1300116019 |              |
| R4                                    | Res. 4.7k $\Omega$ $\pm$ 5%    | 0200212906 |              | BZ1                | Buzzer PKM13EPY-4000-TF01            | 9701298013 |              |
| R5, 11, 12, 14~25, 27, 39, 44, 46, 47 | Res. 10k $\Omega$ $\pm$ 5%     | 0200213019 |              | SW1                | Key Switch EVQ-PFE04R                | 1903256013 |              |
| R6                                    | Res. 33k $\Omega$ $\pm$ 5%     | 0200213132 |              | CN1                | Plug, PCB B5P-SHF-1AA                | 0500006069 |              |
| R8                                    | Res. 1M $\Omega$ $\pm$ 5%      | 0200213491 |              | CN2                | Plug, PCB 150-103-86111              | 9700801061 |              |
| R10                                   | Res. 1.2k $\Omega$ $\pm$ 5%    | 0201001769 |              | CN3                | Plug, PCB B2B-XH-AM                  | 0500005321 |              |
| R28                                   | Res. 10k $\Omega$ $\pm$ 5%     | 0200213019 |              | CN4                | Plug, PCB 53324-0710                 | 0501052065 |              |
| R29, 30                               | Res. 150k $\Omega$ $\pm$ 5%    | 0200212548 |              | CN5                | Plug, PCB 53325-1010                 | 0501052591 |              |
| R31                                   | Res. 390 $\Omega$ $\pm$ 5%     | 0200212647 |              | CN6                | Plug, PCB B4B-XH-AM                  | 0500005314 |              |
| R32                                   | Res. 100k $\Omega$ $\pm$ 5%    | 0200213255 |              | CN7                | Plug, PCB S3P-VH                     | 0500011308 |              |
| R37                                   | Res. 10k $\Omega$ $\pm$ 0.5%   | 0201027257 |              | CN8                | Plug, PCB B2B-XASK-1-A               | 0501045012 |              |
| R38                                   | Res. 49.9k $\Omega$ $\pm$ 0.5% | 0201027554 |              | CN9                | Plug, PCB 917072-7                   | 0501065010 |              |
| R40                                   | Res. 330 $\Omega$ $\pm$ 5%     | 0200212623 |              |                    |                                      |            |              |

[ INDOOR P.C.B. ] ASY12ANB-W, ASY12ANC-W  
POWER SUPPLY PCB ASSEMBLY (Ref. No. 875)

| Ref. No.   | Description                     | Part No.   | Ord.<br>Q'ty | Ref. No. | Description                | Part No.   | Ord.<br>Q'ty |
|------------|---------------------------------|------------|--------------|----------|----------------------------|------------|--------------|
| IC102      | IC MCT7805CT                    | 0100649215 |              | SW101    | Slide Switch 8SS1011       | 9701426010 |              |
| Q101       | Xstr 2SD880                     | 0000001014 |              | L101     | EMI Filter PLAA2021R0R01B1 | 0400153092 |              |
| D101       | Diode S1VB20                    | 0000292054 |              | VA101    | Varistor TNR12G471K        | 0000038010 |              |
| D102       | Diode MTZJ15C                   | 0000852203 |              | SSR101   | Relay G3MB-202PL-UTU       | 9701375011 |              |
| D103~105   | Diode 1SR139-200                | 0000353113 |              | HT101    | Heat Sink B.PUE-16         | 9701376018 |              |
| R101       | Res. 1/4W 1k $\Omega$ $\pm$ 5%  | 0201038758 |              | CN101    | Plug, PCB B3P5-VH-B        | 0500011735 |              |
| R102       | Res. 1/4W 10k $\Omega$ $\pm$ 5% | 0201005019 |              | CN102    | Plug, PCB B2P3-VH-B        | 0500011728 |              |
| C101, 102  | Cap. Ceramic 4700pF             | 0300727546 |              | CN103    | Plug, PCB 53405-0210       | 0500940011 |              |
| C103, 104  | Cap. 0.1 $\mu$ F                | 0300894835 |              | CN104    | Plug, PCB B2B-XH-AM        | 0500005321 |              |
| C105       | Cap. Elec. 35V 3300 $\mu$ F     | 0301129073 |              | CN105    | Plug, PCB 53406-9910       | 0500951048 |              |
| C106       | Cap. Elec. 25V 2200 $\mu$ F     | 0300213285 |              | CN106    | Wire w/Connector L=100     | 9701424016 |              |
| C107~109   | Cap. Elec. 50V 10 $\mu$ F       | 0301192541 |              | W101     | Wire w/Terminal L=210      | 9701660018 |              |
| C110       | Cap. Ceramic 0.1 $\mu$ F        | 0300988251 |              | W103     | Wire w/Terminal BLK L=225  | 9701657018 |              |
| F101       | Fuse 3.15A - 250V               | 0600222512 |              | W104     | Wire w/Terminal BRN L=150  | 9701658015 |              |
| FH101, 102 | Fuse Holder PFC5000-0502        | 0500158072 |              |          |                            |            |              |

[INDOOR P.C.B.] ASY12ANB-W, ASY12ANC-W  
INDICATOR PCB ASSEMBLY (Ref. No.385)

When you order parts, please make a photocopy of this page  
and fill the number of the parts in the "Order" column.

| Ref. No. | Description               | Part No.   | Ord.<br>Q' ty | Ref. No. | Description                            | Part No.                 | Ord.<br>Q' ty |
|----------|---------------------------|------------|---------------|----------|----------------------------------------|--------------------------|---------------|
| D201     | Diode SLR-325VC RED       | 0000813259 |               | X201     | Remote Control Amplifier<br>SBX1610-22 | 0100417050               |               |
| D202     | Diode SLR-325MC GRN       | 0000813242 |               |          |                                        |                          |               |
| D203     | Diode SLR-325DC ORG       | 0000813235 |               | CN201    | Wire w/Connector L=230<br>Lamp Cover   | 9701397013<br>9305451012 |               |
| C201     | Cap. Ceramic 0.1 $\mu$ F  | 0300988251 |               |          |                                        |                          |               |
| C202     | Cap. Elec. 25V 10 $\mu$ F | 0300504413 |               |          |                                        |                          |               |

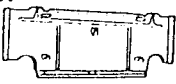
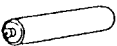
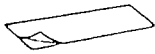
[INDOOR P.C.B.] ASY12ANB-W, ASY12ANC-W  
RELAY PCB ASSEMBLY (Ref. No.968)

| Ref. No. | Description      | Part No.   | Ord.<br>Q' ty | Ref. No. | Description            | Part No.   | Ord.<br>Q' ty |
|----------|------------------|------------|---------------|----------|------------------------|------------|---------------|
| D301     | Diode ISR139-200 | 0000353113 |               | CN301    | Wire w/Connector L=140 | 9701279012 |               |
| K301     | Relay G4A-1A-PS  | 9701024018 |               |          |                        |            |               |

[OUTDOOR P.C.B.] AOY32ANBM4, AOY32ANCM4  
CONTROLLER PCB ASSEMBLY (Ref. No.236)

| Ref. No.     | Description                             | Part No.   | Ord.<br>Q' ty | Ref. No.   | Description                           | Part No.   | Ord.<br>Q' ty |
|--------------|-----------------------------------------|------------|---------------|------------|---------------------------------------|------------|---------------|
| IC1          | IC $\mu$ PC78L05J                       | 0100761016 |               | VR1        | Res. Variable EVN D8A A03<br>B14(103) | 9701136018 |               |
| IC2          | IC $\mu$ PC78M12HF                      | 0100606041 |               |            |                                       |            |               |
| IC3          | IC AN6780                               | 9701128013 |               | C1, 3~6, 9 | Cap. Film 0.1 $\mu$ F                 | 0300060133 |               |
| IC4          | IC $\mu$ PD74HC02C                      | 0100020021 |               | C2         | Cap. Elec. 35V 2,200 $\mu$ F          | 9701134014 |               |
| IC5          | IC $\mu$ PD74HC32C                      | 0100022025 |               | C7, 8      | Cap. Elec. 50V 33 $\mu$ F             | 9701134021 |               |
| Q1, 3, 4     | Xstr 2SD571EK                           | 9701127016 |               | C10        | Cap. Tantal 35V 1 $\mu$ F             | 9701134045 |               |
| D1, 2        | Diode 1SS55                             | 9701129010 |               | C11, 12    | Cap. Elec. 50V 10 $\mu$ F             | 9701134038 |               |
| D3, 4        | Diode 11ES1                             | 9701130016 |               | PT1        | Power Transformer D96001              | 9702129019 |               |
| DS1          | Diode S1VBA20                           | 9702128012 |               | PC1, 2     | Photocoupler PS2501-1-VL              | 0000050456 |               |
| DS2, 3       | Diode S1WB(A)60                         | 9701132010 |               | Z1         | Varistor 450NR-10D                    | 9701137015 |               |
| R1           | Res. Metal 2W 2.2k $\Omega$ $\pm$ 5%    | 9701135011 |               | RY1, 2     | Relay G4U-1-PS                        | 9700997016 |               |
| R2, 3, 10~13 | Res. Carbon 1/4W 2.2k $\Omega$ $\pm$ 5% | 0201038833 |               | CR1, 2     | Spark Killer RPEL121-204              | 0600222512 |               |
|              |                                         |            |               | F1         | Fuse 1.0A - 250V                      | 0600002060 |               |
| R4           | Res. Carbon 1/4W 10k $\Omega$ $\pm$ 5%  | 0201005019 |               | FH         | Fuse Holder PFC5000-0502              | 9701142019 |               |
| R5           | Res. Carbon 1/4W 15k $\Omega$ $\pm$ 5%  | 0201005057 |               | CN1        | Connector 53406-9910                  | 0500951048 |               |
| R8           | Res. Carbon 1/4W 1k $\Omega$ $\pm$ 5%   | 0201038758 |               | CN2        | Connector 53406-9110                  | 0500951086 |               |
| R9           | Res. Carbon 1/4W 33k $\Omega$ $\pm$ 5%  | 0201005132 |               | CN3        | Connector 6-176976-1                  | 0500891108 |               |
| R14, 15      | Res. Carbon 1/4W 6.8k $\Omega$ $\pm$ 5% | 0201038932 |               | CN4        | Connector 6-176976-4                  | 0500891092 |               |
| R16, 17      | Res. Carbon 1/4W 560 $\Omega$ $\pm$ 5%  | 0201038703 |               | CN5        | Connector B3P-VH-B                    | 0500011520 |               |
| R18, 19      | Res. Carbon 1/4W 100k $\Omega$ $\pm$ 5% | 0201005255 |               | CN13       | Connector B2B-EH                      | 0500025015 |               |
| R20 ~23      | Res. Metal 2W 68k $\Omega$ $\pm$ 5%     | 9702127015 |               |            |                                       |            |               |

## INDOOR UNIT ACCESSORIES

| Name and shape                                                                                                                       | Part No.             |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Wall hook bracket<br>                               | 9304358006           |
| Wall cup<br>                                        | 313714296205         |
| Remote control unit<br>                             | 9306049010<br>AR-BB1 |
| Battery (penlight)<br>                              | 313187358304         |
| Cable mark<br>                                      | 9354783003           |
| Tapping screw (Big)<br>( $\phi 4 \times 20$ )<br>   | 301141164200         |
| Tapping screw (Small)<br>( $\phi 3 \times 12$ )<br> | 301141533125         |
| Remote control unit holder<br>                      | 9305642014           |
| Cloth tape<br>                                    | 9304232001           |
| Seal A<br>                                        | 9304536000           |

## OUTDOOR UNIT ACCESSORIES

| Name and shape                                                                                        | Part No.     |
|-------------------------------------------------------------------------------------------------------|--------------|
| Tapping screw<br>  | 301463040100 |
| Binder<br>         | 9301501001   |
| Putty<br>          | 303020200114 |
| Hexagon wrench<br> | 9351228019   |

