

# S2ET FREE

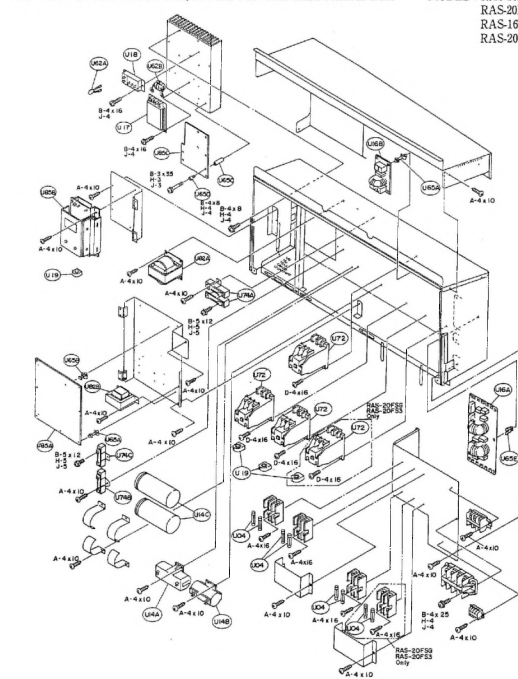
## RAS-16FS3

Pièces détachées

Main view

LOCATION OF ELECTRICAL EQUIPMENT IN THE ELECTRICAL BOX

MODEL : RAS-16FSG  
RAS-20FSG  
RAS-16FS3  
RAS-20FS3



|   |                        |  |   |                     |  |
|---|------------------------|--|---|---------------------|--|
| A | Truss Tapping Screw    |  | F | Start Bolt          |  |
| B | Roundhead Screw        |  | G | Nut                 |  |
| C | Flat-Head Screw        |  | H | Washer              |  |
| D | Pan-Head Tapping Screw |  | J | Spring Washer       |  |
| E | Hexagon Head Bolt      |  | K | Toothed Lock Washer |  |

D-RAS-16FSG-L, D-RAS-16FS3-L, D-RAS-16FS3-HB, D-RAS-16FS3-H  
D-RAS-20FSG-L, D-RAS-20FS3-L, D-RAS-20FS3-HB, D-RAS-20FS3-H

-83-

Rep. Référence

Description

Qté

Remarques

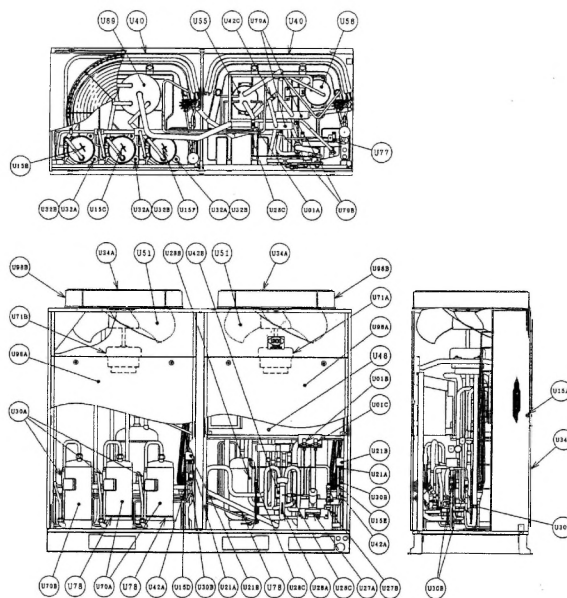
## S2ET FREE RAS-16FS3

|      |          |                                     |    |                                 |
|------|----------|-------------------------------------|----|---------------------------------|
| U01A | P16897   | PRESSURE SW                         | 1  | HIGH PRESSURE                   |
| U01B | P22519   | PRESSURE SW                         | 1  | PS                              |
| U01C | P22518   | PRESSURE SW                         | 1  | PD                              |
| U04  | P22125   | FUSE                                | 4  | 20A                             |
| U14A | P23431   | CAPACITOR                           | 1  | CA1 38MF                        |
| U14B | P17851   | CAPACITOR                           | 2  | CB1, CB2 2700MF                 |
| U15A | P22520   | THERMISTOR - aire                   | 1  | TA                              |
| U15B | P22521   | THERMISTOR                          | 1  | TD1                             |
| U15C | P22522   | THERMISTOR                          | 1  | TD2                             |
| U15D | P22523   | THERMISTOR                          | 1  | TE1                             |
| U16A | P23799   | NOISE FILTER                        | 1  | NF1                             |
| U16B | P23798   | NOISE FILTER                        | 1  | NF4                             |
| U17  | P23800   | TRANSISTOR MODULE                   | 1  | IPM                             |
| U18  | P23801   | DIODE MODULE                        | 1  | DM                              |
| U19  | P22528   | SENSOR                              | 2  | CT2, CT5 ( 1 SENSOR)            |
| U21A | P22516   | EXP. VALVE                          | 1  |                                 |
| U21B | P22517   | EXP. VALVE COIL                     | 1  |                                 |
| U27A | P22646   | STOP VALVE                          | 1  | GAS LINE                        |
| U27B | P22647   | STOP VALVE                          | 1  | LIQUID LINE                     |
| U28A | P18703   | CHECK JOINT                         | 2  |                                 |
| U28B | P10486   | CHECK JOINT                         | 2  |                                 |
| U30A | P19679   | STRAINER OR DRYER                   | 2  |                                 |
| U30B | C4204    | STRAINER                            | 2  |                                 |
| U30C | P21169   | DIST. STRAINER                      | 1  |                                 |
| U32A | P17308   | VIBRATION ABSORBER                  | 8  |                                 |
| U32B | P13109   | VIBRATION ABSORBER                  | 6  |                                 |
| U34A | P22497   | AIR GRILLE                          | 1  | OUTLET                          |
| U34B | P22489   | P22489                              | 1  | INLET                           |
| U40  | P23376   | CONDENSER ASSY                      | 1  |                                 |
| U42  | P20607   | CHECK VALVE                         | 1  |                                 |
| U48  | P23806   | P23806                              | 1  |                                 |
| U51  | P22493   | PROPELLER FAN                       | 1  |                                 |
| U55  | P22501   | OIL SEPARATOR ASSY                  | 1  |                                 |
| U58  | P22499   | RECEIVER ASSY                       | 1  |                                 |
| U62A | P23804   | NOISE SUPPRESSOR                    | 1  | ZNR                             |
| U62B | P23802   | NOISE SUPPRESSOR                    | 1  | CS1, 2                          |
| U65A | P17225   | SPACER                              | 10 |                                 |
| U65B | P20984   | PLASTIC MATERIAL                    | 2  |                                 |
| U65C | P20986   | PLASTIC MATERIAL                    | 4  |                                 |
| U65D | P20987   | PLASTIC MATERIAL                    | 4  |                                 |
| U65E | P20985   | PLASTIC MATERIAL                    | 6  |                                 |
| U70A | 06733304 | COMPRESSOR (500DHM-80D1) - CONSTANT | 1  | 3.75KW 380- 415V<br>( CONSTANT) |
| U70B | 06743404 | COMPRESSOR 401DHVM-64D1             | 1  | 3.0KW 380- 415V<br>( INVERTER)  |
| U71  | P22491   | MOTEUR                              | 1  | 0.275KW                         |
| U72  | P23803   | MAGNETIC CONTACTOR                  | 2  | CMC1, CMC2                      |
| U74A | P20012   | RESISTOR                            | 2  | RS1, RS2                        |
| U74B | P23796   | RESISTOR                            | 1  | R2                              |
| U74C | P23797   | RESISTOR                            | 1  | R1                              |
| U77  | P20865   | SOLENOID VALVE                      | 1  | FOR HOT GAS BYPASS              |
| U78  | P22159   | OIL HEATER                          | 2  |                                 |

## S2ET FREE RAS-16FS3

|      |        |                              |   |               |
|------|--------|------------------------------|---|---------------|
| U79A | P23375 | 4-Way Valve Assy (Body+Coil) | 1 | WITH COIL     |
| U79B | P23374 | 4-WAY VALVE ASSY             | 1 |               |
| U82A | P22537 | TRANSFORMER                  | 1 | DCL           |
| U82B | P23373 | TRANSFORMER                  | 1 | TF            |
| U85A | P23765 | PCB                          | 1 | PCB1          |
| U85B | P23372 | PRINTED CIRCUIT BOARD        | 1 | PCB2          |
| U85C | P23764 | PCB 3                        | 1 | PCB3          |
| U89  | P22503 | ACCUMULATOR                  | 1 |               |
| U98A | P23245 | CABINET PANEL                | 1 | SERVICE COVER |
| U98B | P22495 | CABINET PANEL                | 1 | SHROUD        |
|      |        |                              |   |               |

LOCATION OF SPARE PARTS IN THE UNIT A MODEL: RAS-16FS3



D-RAS-16FS3-L, D-RAS-16FS3-HB, D-RAS-16FS3-H, D-RAS-16FS3-P

-58-

| Rep. | Référence | Description | Qté | Remarques |
|------|-----------|-------------|-----|-----------|
|------|-----------|-------------|-----|-----------|

## S2ET FREE RAS-16FS3

|      |          |                                   |    |                                |
|------|----------|-----------------------------------|----|--------------------------------|
| U01A | P12462   | PRESSURE SW.                      | 1  | HIGH PRESSURE                  |
| U01B | P22519   | PRESSURE SW                       | 1  | PS                             |
| U01C | P22518   | PRESSURE SW                       | 1  | PD                             |
| U04  | P23456   | FUSE                              | 6  | 32A                            |
| U14A | P23431   | CAPACITOR                         | 1  | CA1 38MF                       |
| U14B | P23607   | CAPACITOR                         | 1  | CA2 26MF                       |
| U14C | P17851   | CAPACITOR                         | 2  | CB1, CB2 2700MF                |
| U15A | P22520   | THERMISTOR - aire                 | 1  | TA                             |
| U15B | P22521   | THERMISTOR                        | 1  | TD1                            |
| U15C | P22522   | THERMISTOR                        | 1  | TD2                            |
| U15D | P22523   | THERMISTOR                        | 1  | TE1                            |
| U15E | P23039   | THERMISTOR TE2                    | 1  | TE2                            |
| U15F | P23041   | THERMISTOR                        | 1  | TD3                            |
| U16A | P23799   | NOISE FILTER                      | 1  | NF1                            |
| U16B | P23798   | NOISE FILTER                      | 1  | NF4                            |
| U17  | P23800   | TRANSISTOR MODULE                 | 1  | IPM                            |
| U18  | P23801   | DIODE MODULE                      | 1  | DM                             |
| U19  | P22528   | SENSOR                            | 3  | CT2, CT3, CT5 ( 1 SENSOR)      |
| U21A | P22516   | EXP. VALVE                        | 2  |                                |
| U21B | P22517   | EXP. VALVE COIL                   | 2  |                                |
| U27A | P22691   | STOP VALVE                        | 1  | GAS LINE                       |
| U27B | P22690   | STOP VALVE                        | 1  | LIQUID LINE                    |
| U28A | P16940   | CHECK JOINT                       | 1  |                                |
| U28B | P18703   | CHECK JOINT                       | 1  |                                |
| U28C | P10486   | CHECK JOINT                       | 3  |                                |
| U30A | P19679   | STRAINER OR DRYER                 | 3  |                                |
| U30B | C4204    | STRAINER                          | 4  |                                |
| U30C | P21169   | DIST. STRAINER                    | 1  |                                |
| U32A | P17308   | VIBRATION ABSORBER                | 12 |                                |
| U32B | P13109   | VIBRATION ABSORBER                | 9  |                                |
| U34A | P22497   | AIR GRILLE                        | 2  | OUTLET                         |
| U34B | P22489   | P22489                            | 2  | INLET                          |
| U40  | P22683   | CONDENSER ASSY                    | 2  |                                |
| U42A | P13003   | CHECK VALVE                       | 2  |                                |
| U42B | P20607   | CHECK VALVE                       | 1  |                                |
| U42C | P20606   | CHECK VALVE                       | 1  |                                |
| U48  | P23807   | ELECTRICAL BOX ASS'Y              | 1  |                                |
| U51  | P22493   | PROPELLER FAN                     | 2  |                                |
| U55  | P22675   | SEPARATEUR D'HUILE                | 1  |                                |
| U58  | P22674   | RECEIVER ASSY                     | 1  |                                |
| U62A | P23804   | NOISE SUPPRESSOR                  | 1  | ZNR                            |
| U62B | P23802   | NOISE SUPPRESSOR                  | 1  | CS1, 2                         |
| U65A | P17225   | SPACER                            | 10 |                                |
| U65B | P20984   | PLASTIC MATERIAL                  | 2  |                                |
| U65C | P20986   | PLASTIC MATERIAL                  | 4  |                                |
| U65D | P20987   | PLASTIC MATERIAL                  | 4  |                                |
| U65E | P20985   | PLASTIC MATERIAL                  | 6  |                                |
| U70A | 06753304 | COMPRESSOR 600DHM-90D1 - CONSTANT | 2  | 4.4KW 380- 415V<br>( CONSTANT) |
| U70B | 06743404 | COMPRESSOR 401DHVM-64D1           | 1  | 4.4KW 380- 415V<br>( INVERTER) |
| U71A | P22491   | MOTEUR                            | 1  | MOF1 0.275KW                   |

## S2ET FREE RAS-16FS3

|      |        |                       |   |                    |
|------|--------|-----------------------|---|--------------------|
| U71B | P23455 | MOTOR                 | 1 | MOF2 0. 275KW      |
| U72  | P23803 | MAGNETIC CONTACTOR    | 3 | CMC1, CMC2, CMC3   |
| U74A | P20012 | RESISTOR              | 2 | RS1, RS2           |
| U74B | P23796 | RESISTOR              | 1 | R2                 |
| U74C | P23797 | RESISTOR              | 1 | R1                 |
| U77  | P20865 | SOLENOID VALVE        | 1 | FOR HOT GAS BYPASS |
| U78  | P22159 | OIL HEATER            | 3 |                    |
| U79A | P23458 | 4-WAY VALVE ASSY      | 2 | WITH COIL          |
| U79B | P22133 | 4-WAY VALVE ASSY      | 2 |                    |
| U82A | P22537 | TRANSFORMER           | 1 | DCL                |
| U82B | P23373 | TRANSFORMER           | 1 | TF                 |
| U85A | P23766 | PCB                   | 1 | PCB1               |
| U85B | P23372 | PRINTED CIRCUIT BOARD | 1 | PCB2               |
| U85C | P23764 | PCB 3                 | 1 | PCB3               |
| U89  | P23614 | ACCUMULATOR           | 1 |                    |
| U98A | P23245 | CABINET PANEL         | 2 | SERVICE COVER      |
| U98B | P22495 | CABINET PANEL         | 2 | SHROUD             |