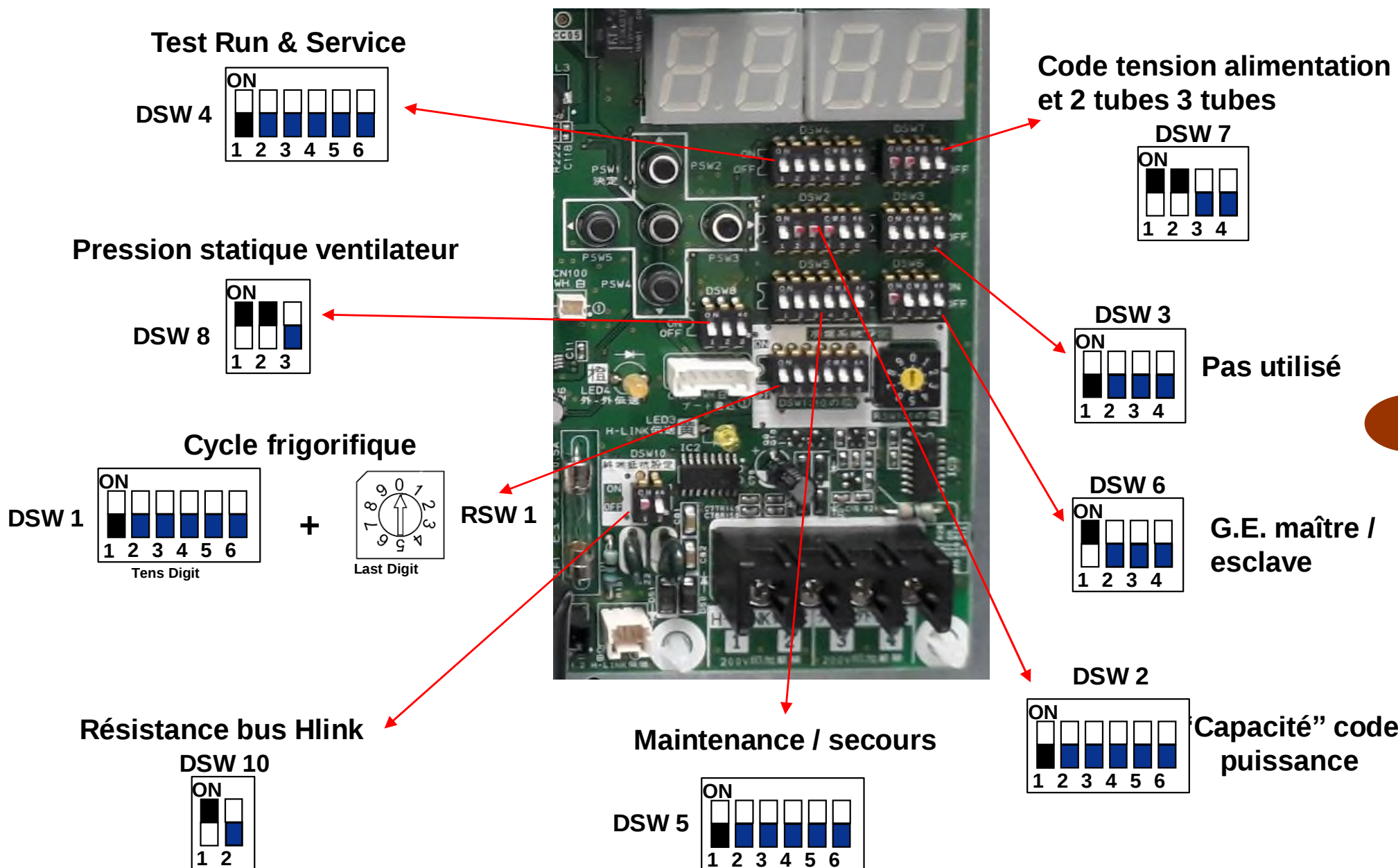


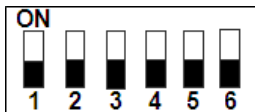
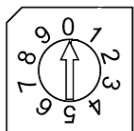
Dip Switch Groupes extérieur FS(X)N(S/P)E

HITACHI

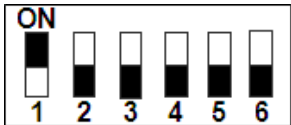
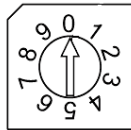


Dip Switch Groupes extérieur FS(X)N(S/P)E

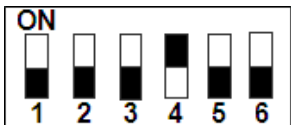
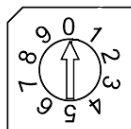
HITACHI

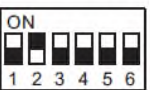
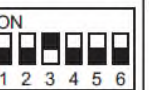
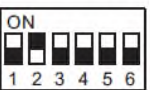
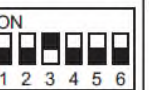
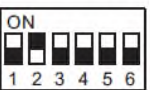
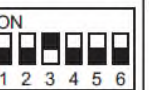
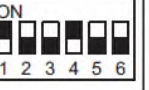
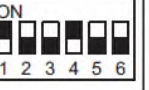
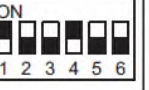
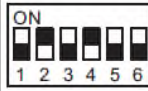
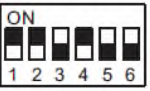
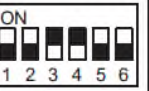
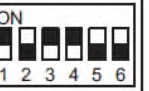
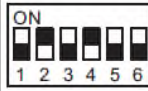
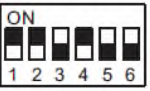
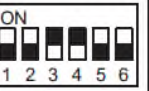
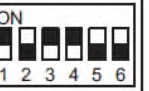
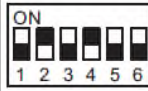
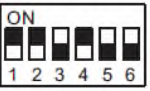
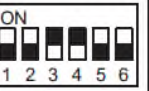
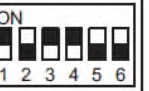
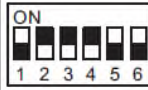
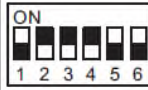
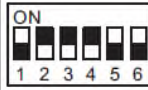
DSW1 +RSW1	Ref. Cycle N° setting
Setting is Required	
Setting before shipment	
DSW 1  Tens Digit	RSW 1  Last Digit
Set the unit number of Outdoor Unit at each refrigerant cycle. (Setting before shipment is unit 0)	

OU n° 10:

DSW 1  Tens Digit	+	RSW 1  Last Digit
---	---	---

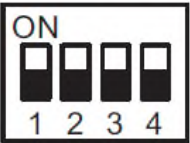
OU n° 40:

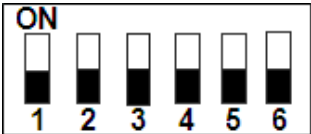
DSW 1  Tens Digit	+	RSW 1  Last Digit
---	---	---

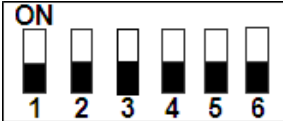
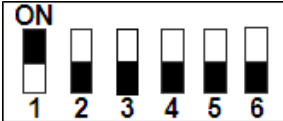
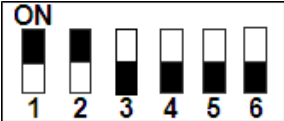
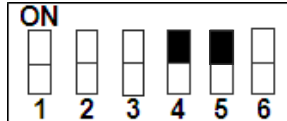
DSW2	Capacity Setting										
Setting is not Required											
< FSNS >											
Capacity	<table border="1"> <tr> <th>RAS-8FSNS</th> <th>RAS-10FSNS</th> <th>RAS-12FSNS</th> <th>RAS-14FSNS</th> <th>RAS-16FSNS</th> </tr> <tr> <td>  </td> <td>  </td> <td>  </td> <td>  </td> <td>  </td> </tr> </table>	RAS-8FSNS	RAS-10FSNS	RAS-12FSNS	RAS-14FSNS	RAS-16FSNS					
RAS-8FSNS	RAS-10FSNS	RAS-12FSNS	RAS-14FSNS	RAS-16FSNS							
											
Capacity	<table border="1"> <tr> <th>RAS-18FSNS</th> <th>RAS-20FSNS</th> <th>RAS-22FSNS</th> <th>RAS-24FSNS</th> </tr> <tr> <td>  </td> <td>  </td> <td>  </td> <td>  </td> </tr> </table>	RAS-18FSNS	RAS-20FSNS	RAS-22FSNS	RAS-24FSNS						
RAS-18FSNS	RAS-20FSNS	RAS-22FSNS	RAS-24FSNS								
											
< FSNP >											
Capacity	<table border="1"> <tr> <th>RAS-5FSNP</th> <th>RAS-6FSNP</th> <th>RAS-8FSNP</th> <th>RAS-10FSNP</th> </tr> <tr> <td>  </td> <td>  </td> <td>  </td> <td>  </td> </tr> </table>	RAS-5FSNP	RAS-6FSNP	RAS-8FSNP	RAS-10FSNP						
RAS-5FSNP	RAS-6FSNP	RAS-8FSNP	RAS-10FSNP								
											
Capacity	<table border="1"> <tr> <th>RAS-12FSNP</th> <th>RAS-14FSNP</th> <th>RAS-16FSNP</th> <th>RAS-18FSNP</th> </tr> <tr> <td>  </td> <td>  </td> <td>  </td> <td>  </td> </tr> </table>	RAS-12FSNP	RAS-14FSNP	RAS-16FSNP	RAS-18FSNP						
RAS-12FSNP	RAS-14FSNP	RAS-16FSNP	RAS-18FSNP								
											

Dip Switch Groupes extérieur FS(X)N(S/P)E

HITACHI

DSW3	Function Setting
Setting is not Required	
Setting Before Shipment except Middle East	Setting Before Shipment only Middle East
	

DSW5	Emergency Operation /Test Run & Service Settings
Setting is not Required	
Setting Before Shipment	
	
1: Except compresseur 1 2: Except compresseur 2	

DSW4	Test Run & Service settings
Setting is not Required	
Setting before Shipment	
Test Cooling Operation	
Test Heating Operation	
Compressor Forced Stop	
Function Setting	
External Input/Output Sett	

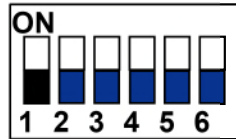
Fonction secours



HITACHI

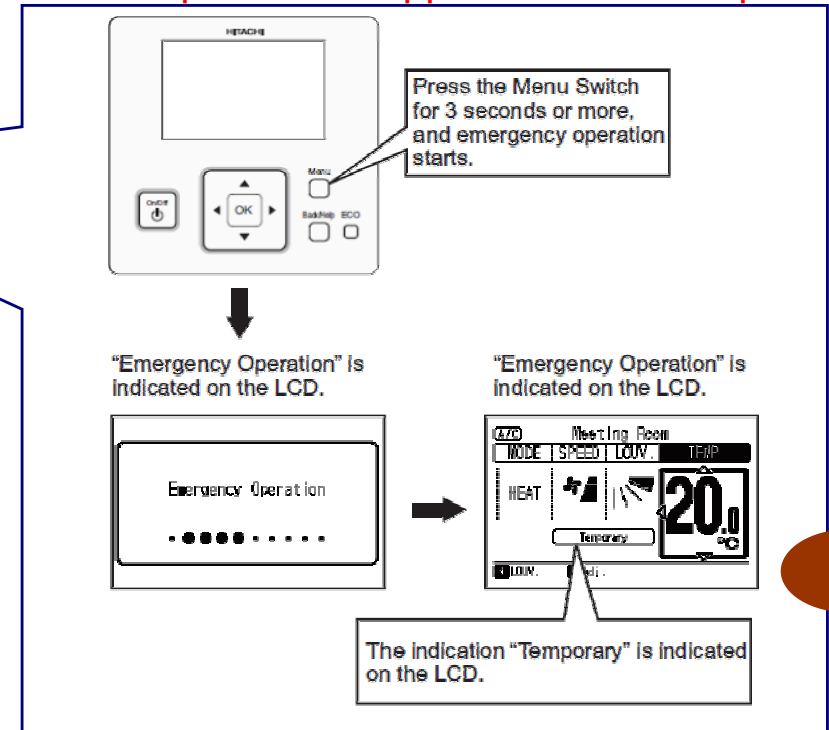


DSW 5



ou

Le module complet sera stoppé lors de cette opération



RAS-16FS(X)N(S/P)E ~ RAS-54FS(X)N(S/P)E

RAS-20FS(X)N(S/P)E ~ RAS-54FS(X)N(S/P)E



La fonction secours sera possible seulement avec les défauts ci-dessous :

In case of the following alarm code, emergency operation is available.

Inverter Compressor Failure

- 06: Abnormality of Inverter Voltage
- 23: Abnormality of Discharge Gas Thermistor
- 48: Activation of Overcurrent Protection Device
- 51: Abnormality of Inverter Current Sensor
- 53: Inverter Error Signal Detection
- 54: Abnormality of Inverter Fin Temperature



Si je comprend bien, avec le **DSW5** on condamne compresseur par compresseur et avec **la télécommande** on condamne module par module (module maître / esclave)

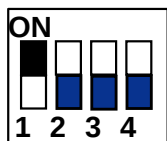
H-link

Dip Switch Groupes extérieur FS(X)N(S/P)E

Fonction Maître / esclave

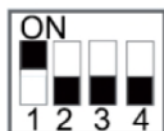
HITACHI

DSW 6



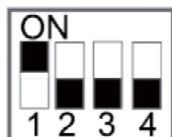
G.E. maître /
esclave

Configuration du module avant la livraison

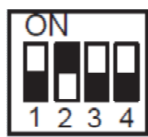


Combinaison de modules multiples (*)

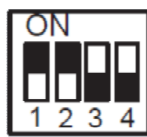
Unité A (N° 0)



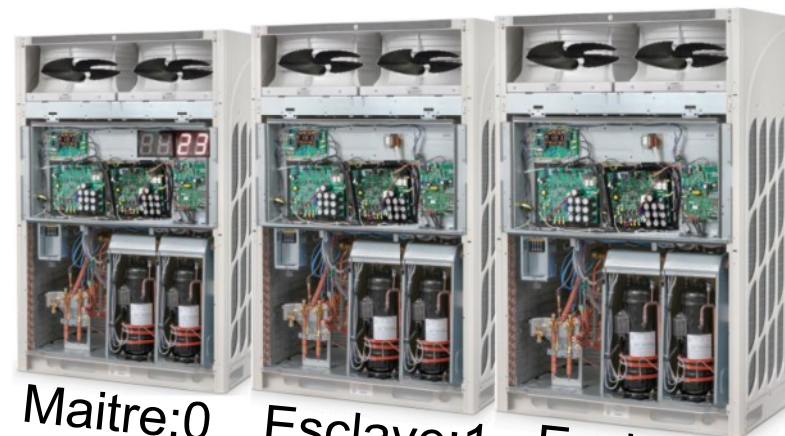
Unité B (N° 1)



Unité C (N° 2)



Unité D (N° 3)

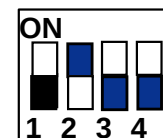


Maitre:0



DSW 6

Esclave:1



DSW 6

Esclave:2



DSW 6

Une configuration incorrecte génère une Alarme 31



Tension d'alimentation et 2 et 3 tubes

HITACHI

DSW7 (PCB1) | Power Supply Voltage and System Setting

No setting is required.

220V Unit: 220V Setting Before Shipment
 380V Unit: 380V Setting Before Shipment
 400V Unit: 400V Setting Before Shipment

Setting is required.

380-415V Unit: 415V Setting Before Shipment

Power Supply Voltage and System Setting

		380V	400V	415V
Heat Pump (FSNS) (FSNP)		ON 1 2 3 4	ON 1 2 3 4	ON 1 2 3 4
Heat Recovery (FSXNS) (FSXNP)		ON 1 2 3 4	ON 1 2 3 4	ON 1 2 3 4



« Alarme 30 »

Heat pump = 2 tubes

Heat recovery = 3 tubes



REMARQUE

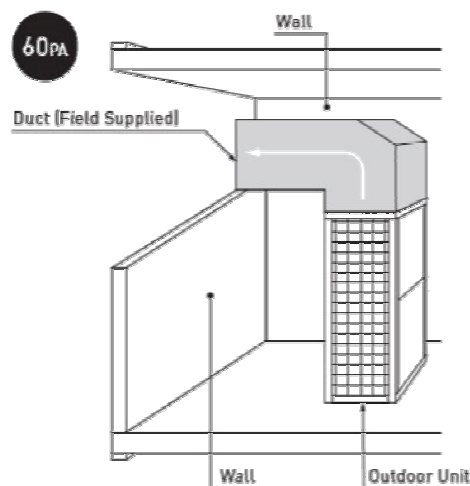
Broche 4 OFF : SYSTÈME DE POMPE À CHALEUR

Broche 4 ON : SYSTÈME DE RÉCUPÉRATION DE CHALEUR

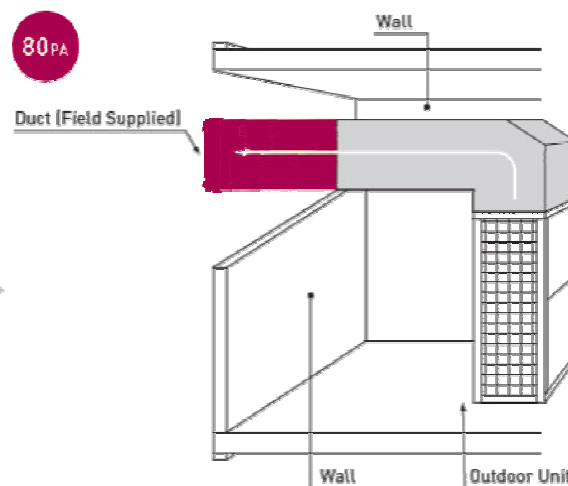
Augmentation pression statique

HITACHI

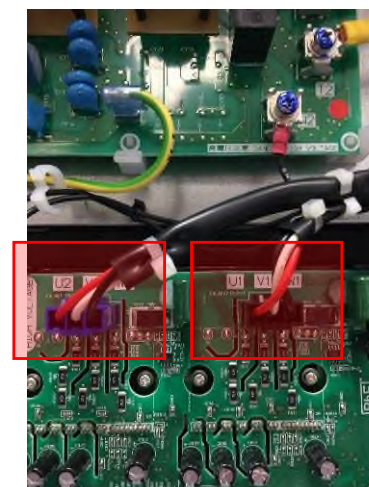
Current Model



New Model



Setting for External Static Pressure	DSW8	
	#1	#2
30Pa	ON	OFF
60Pa	OFF	ON
80Pa	ON	ON



Contrôle des ventilateurs par la carte « inverter »

Carte inverter et résistance de boucle

HITACHI

DSW8 (PCB1) High Static Pressure Mode Setting

Setting is required. Turn ON the dip switch when use the below functions.

Setting Before Shipment

Setting Item	Pin No.
HSP Setting: 30Pa	1
HSP Setting: 60Pa	2
HSP Setting: 80Pa	1, 2

IMPORTANT NOTICE
When adopting the air outlet duct (field-supplied), make sure to set DSW8.

DSW101 (INV1, 2) INV No. Setting/Service Setting

No setting is required.

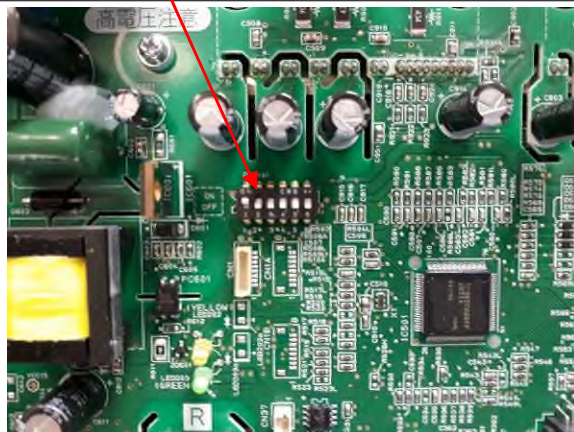
INV1	INV2
Setting Before Shipment	Setting Before Shipment

Turn ON the dip switch when use the below functions.

Setting Item	Pin No.
Cancellation of Current Detection	1

IMPORTANT NOTICE
If Cancellation of Current Detection is set, make sure to return the setting, after service works.

Défaut 3E Page 115



DSW10 Transmission Setting

Setting is Required
Setting before shipment

Résistance de boucle retirée (75 Ohms)

If the transmission circuit fuse is short circuited, the printed circuit board PCB1 will be recovered only once by turning DSW10#2 pin ON

