

Note1: The parameters set by communication option or RS485 communication are not searched and not displayed.

Note2: The following parameters are not displayed in this *RUH*, even if they are the most recent changes.

- | | |
|---|--|
| <i>FL</i> (Operation frequency of operation panel), | <i>RUH</i> (Guidance function), |
| <i>RUU</i> (Overload characteristic selection), | <i>RU</i> (Automatic acceleration/deceleration), |
| <i>RU2</i> (Torque boost setting macro function), | <i>Y</i> (Default setting), |
| <i>SE</i> (Checking the region setting), | <i>F700</i> (Parameter protection selection), |
| <i>F737</i> (All key operation prohibition), | <i>F738</i> (Password setting (<i>F700</i>)), |
| <i>F739</i> (Password verification) | |

6.1.2 Application easy setting (*RUH*)

RUH : Application easy setting

Application easy setting (*RUH*):

Parameters necessary to your machine can be set easily using the application easy setting.

The parameters necessary to the machine is set to easy setting mode parameters 1-32 (*F75* - *F782*). Set the parameters using the easy setting mode. (Refer to section 4.5.)






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[Parameter setting]

Title	Function	Adjustment range	Default setting
<i>RUH</i>	Application easy setting	0:- 1: Initial easy setting 2: Conveyor 3: Material handling 4: Hoisting 5: Fan 6: Pump 7: Compressor	0

■ How to use the Application easy setting

- 1) Choose the machine

Operation panel action	LED display	Operation
	0.0	Displays the output frequency. (When standard monitor display selection <i>F 7 10</i> is set to 0 [output frequency])
	<i>RUR</i>	The first basic parameter " <i>RUR</i> " (history function) is displayed.
	<i>RUR</i>	Turn the setting dial to the right to change the parameter to <i>RUR</i> .
	0	Set values are displayed by pressing the center of the setting dial.
	2	Turn the setting dial to the right to select 1 or 2.
	2 ↔ <i>RUR</i>	Press the center of the setting dial to save the changed set value. <i>RUR</i> and the set value are displayed alternately.

- 2) The parameters necessary to the machine are set to easy setting mode parameter 1-32. (Refer to the chart below)
- 3) Set the parameters using easy setting mode. Refer to section 4.5 for easy setting mode.

Table of parameters that can be set using *AUR*

<i>AUR</i>	1: Initial easy setting	2: Conveyor	3: Material handling	4: Hoisting	5: Fan	6: Pump	7: Compressor
F751	C00d	C00d	C00d	C00d	C00d	C00d	C00d
F752	F00d	F00d	F00d	F00d	F00d	F00d	F00d
F753	RCC	RCC	RCC	RCC	RCC	RCC	RCC
F754	dEC	dEC	dEC	dEC	dEC	dEC	dEC
F755	UL	UL	UL	UL	FH	FH	FH
F756	LL	LL	LL	LL	UL	UL	UL
F757	tHr	tHr	tHr	tHr	LL	LL	LL
F758	FN	FN	FN	FN	tHr	tHr	tHr
F759	-	Pt	Pt	Pt	FN	FN	FN
F760	-	Q10	Q10	Q10	Pt	Pt	Pt
F761	-	Sr1	Sr1	F304	F201	F201	F216
F762	-	Sr2	Sr2	F308	F202	F202	F217
F763	-	Sr3	Sr3	F309	F203	F203	F218
F764	-	Sr4	Sr4	F328	F204	F204	F219
F765	-	Sr5	Sr5	F329	F207	F207	FP1d
F766	-	Sr6	Sr6	F330	F216	F216	F359
F767	-	Sr7	Sr7	F331	F217	F217	F360
F768	-	F201	F240	F332	F218	F218	F361
F769	-	F202	F243	F333	F219	F219	F362
F770	-	F203	F250	F334	F295	F295	F363
F771	-	F204	F251	F340	F301	F301	F366
F772	-	F240	F252	F341	F302	F302	F367
F773	-	F243	F304	F345	F303	F303	F368
F774	-	F250	F308	F346	F633	F610	F369
F775	-	F251	F309	F347	F667	F611	F372
F776	-	F252	F502	F400	F668	F612	F373
F777	-	F304	F506	F405	-	F633	F380
F778	-	F308	F507	F415	-	F667	F389
F779	-	F309	F701	F417	-	F668	F391
F780	-	F701	-	F648	-	-	F621
F781	F701	F702	-	F701	-	-	-
F782	PSEL	PSEL	PSEL	PSEL	PSEL	PSEL	PSEL

6.1.3 Setting a parameter using the guidance function (*RUF*)

RUF : Guidance function

Guidance function (*RUF*):

The guidance function refers to the special function of calling up only functions necessary to set up the inverter in response to the user's needs. When a purpose-specific guidance is selected, a group of parameters needed for the specified application (function) is formed and the inverter is switched automatically to the mode of setting the group of parameters selected. You can set up the inverter easily by simply setting the parameters in the group one after another. The guidance function (*RUF*) provides five purpose-specific guidance.











[Parameter setting]

Title	Function	Adjustment range	Default setting
<i>RUF</i>	Guidance function	0:- 1: - Note 1 2: Preset speed guidance 3: - Note 1 4: Motor 1&2 switching operation guidance 5: Motor constant setting guidance	0

Note1) 1 and 3 are for manufacturer's settings. Do not change the settings.

■ How to use the guidance function

Here are the steps to follow to set parameters, using the guidance function. (When the Preset speed guidance $RUF = 2$)

Operation panel action	LED display	Operation
	0.0	Displays the operation frequency (output stopped). (When standard monitor display selection $F71Q=0$ is set to 0 [output frequency]).
	RUH	The first basic parameter "History (RUH)" is displayed.
	RUF	Turn the setting dial to select the guidance function (RUF).
	0	Press the center of the setting dial to display 0.
	2	Turn the setting dial to change to the setting value "2".
	END	Press the center of the setting dial to display the purpose-specific guidance parameter group (refer to following table).
	****	After moving to the purpose-specific guidance parameter group, use the setting dial to change the parameters.
	END	END is displayed on completion of the setting of the guidance parameter group.
  	Display of parameter ↓ RUF ↓ F r - F ↓ 0.0	Press the MODE key to exit the guidance parameter group. Thereafter, return to the default monitoring mode (display of output frequency) by pressing the MODE key.

If there is anything you do not understand during this operation, press the MODE key several times to start over from the step of RUH display.

HERd or ENd is affixed respectively to the first or last parameter in each guidance wizard parameter group.

Table of parameters that can be changed using the guidance function

Preset-speed setting <i>RUF=2</i>	Motor 1&2 switching operation <i>RUF=4</i>	Motor constant setting guidance <i>RUF=5</i>
<i>Cn0d</i>	<i>F111</i>	<i>PE</i>
<i>Fn0d</i>	<i>F112</i>	<i>uL</i>
<i>RCC</i>	<i>F113</i>	<i>uLv</i>
<i>dEC</i>	<i>F114</i>	<i>F405</i>
<i>FH</i>	<i>F115</i>	<i>F415</i>
<i>UL</i>	<i>F116</i>	<i>F417</i>
<i>F111</i>	<i>uL</i>	<i>F400</i>
<i>F112</i>	<i>uLv</i>	
<i>F113</i>	<i>ub</i>	
<i>F114</i>	<i>F415</i>	
<i>F115</i>	<i>tHr</i>	
<i>F116</i>	<i>F601</i>	
<i>Sr1</i>	<i>RCC</i>	
<i>Sr2</i>	<i>dEC</i>	
<i>Sr3</i>	<i>F170</i>	
<i>Sr4</i>	<i>F171</i>	
<i>Sr5</i>	<i>F172</i>	
<i>Sr6</i>	<i>F173</i>	
<i>Sr7</i>	<i>F185</i>	
<i>F287</i>	<i>F500</i>	
<i>F288</i>	<i>F501</i>	
<i>F289</i>		
<i>F290</i>		
<i>F291</i>		
<i>F292</i>		
<i>F293</i>		
<i>F294</i>		

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6.1.4 Automatically adjusting acceleration/deceleration time

RU1: Automatic acceleration/deceleration

- Function

This automatically adjusts acceleration and deceleration time in line with load.
Refer to section 5.2 for setting acceleration/ deceleration time manually.

RU1 = 1

* Adjusts the acceleration/deceleration time automatically within the range of 1/8 to 8 times as long as the time set with the *RCC* or *dEC*, depending on the current rating of the inverter.

RU1 = 2

* Automatically adjusts speed during acceleration only. During deceleration, speed is not adjusted automatically but reduced at the rate set with *dEC*.