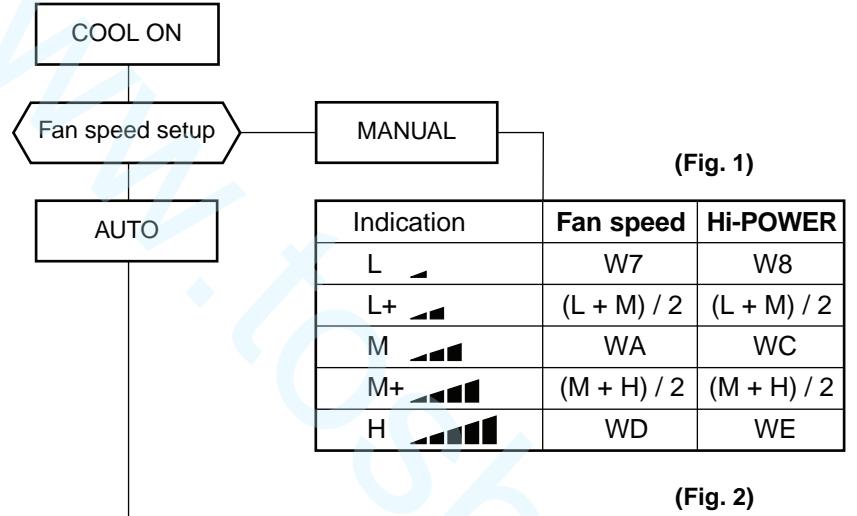
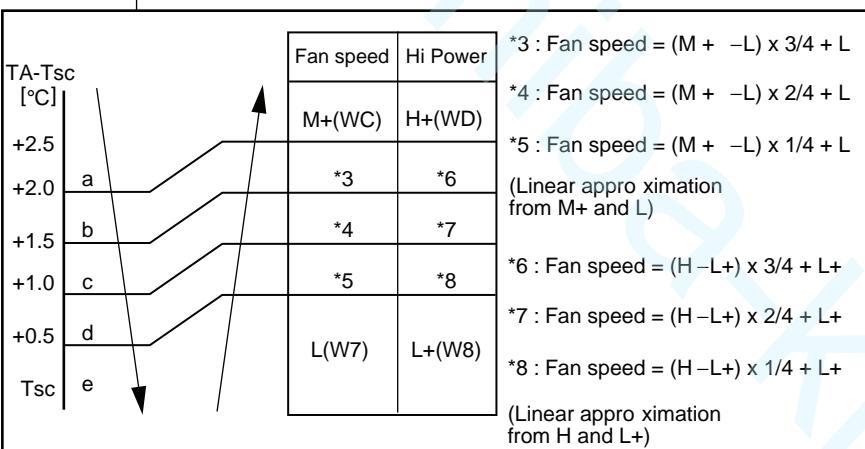


Item	Operation flow and applicable data, etc.				Description																																																																																																																																							
2. Indoor fan motor control	<p><b>&lt;In cooling operation&gt;</b>            (This operation controls the fan speed at indoor unit side.)            The indoor fan (cross flow fan) is operated by the phase-control induction motor. The fan rotates in 5 stages in MANUAL mode, and in 5 stages in AUTO mode, respectively. (Table 1)</p>  <p style="text-align: center;">(Fig. 1)</p> <table border="1" data-bbox="468 640 1007 887"> <thead> <tr> <th>Indication</th> <th>Fan speed</th> <th>Hi-POWER</th> </tr> </thead> <tbody> <tr> <td>L</td> <td>W7</td> <td>W8</td> </tr> <tr> <td>L+</td> <td>(L + M) / 2</td> <td>(L + M) / 2</td> </tr> <tr> <td>M</td> <td>WA</td> <td>WC</td> </tr> <tr> <td>M+</td> <td>(M + H) / 2</td> <td>(M + H) / 2</td> </tr> <tr> <td>H</td> <td>WD</td> <td>WE</td> </tr> </tbody> </table> <p style="text-align: center;">(Fig. 2)</p>  <table border="1" data-bbox="436 999 658 1403"> <tr> <td>TA-Tsc [°C]</td> <td>Fan speed</td> <td>Hi Power</td> </tr> <tr> <td>+2.5</td> <td>M+(WC)</td> <td>H+(WD)</td> </tr> <tr> <td>+2.0</td> <td>*3</td> <td>*6</td> </tr> <tr> <td>+1.5</td> <td>a</td> <td></td> </tr> <tr> <td>+1.0</td> <td>b</td> <td></td> </tr> <tr> <td>+0.5</td> <td>c</td> <td></td> </tr> <tr> <td>Tsc</td> <td>d</td> <td></td> </tr> <tr> <td>-0.5</td> <td>e</td> <td></td> </tr> </table> <p>*3 : Fan speed = <math>(M + -L) \times 3/4 + L</math>            *4 : Fan speed = <math>(M + -L) \times 2/4 + L</math>            *5 : Fan speed = <math>(M + -L) \times 1/4 + L</math>            (Linear approximation from M+ and L)            *6 : Fan speed = <math>(H - L+) \times 3/4 + L+</math>            *7 : Fan speed = <math>(H - L+) \times 2/4 + L+</math>            *8 : Fan speed = <math>(H - L+) \times 1/4 + L+</math>            (Linear approximation from H and L+)</p>	Indication	Fan speed	Hi-POWER	L	W7	W8	L+	(L + M) / 2	(L + M) / 2	M	WA	WC	M+	(M + H) / 2	(M + H) / 2	H	WD	WE	TA-Tsc [°C]	Fan speed	Hi Power	+2.5	M+(WC)	H+(WD)	+2.0	*3	*6	+1.5	a		+1.0	b		+0.5	c		Tsc	d		-0.5	e		<p><b>* Symbols</b></p> <table border="0"> <tr> <td>UH</td> <td>: Ultra High</td> </tr> <tr> <td>H</td> <td>: High</td> </tr> <tr> <td>M+</td> <td>: Medium+</td> </tr> <tr> <td>M</td> <td>: Medium</td> </tr> <tr> <td>L+</td> <td>: Low+</td> </tr> <tr> <td>L</td> <td>: Low</td> </tr> <tr> <td>L-</td> <td>: Low-</td> </tr> <tr> <td>UL</td> <td>: Ultra Low</td> </tr> <tr> <td>SUL</td> <td>: Super Ultra Low</td> </tr> </table> <p>* The fan speed broadly varies due to position of the louver, etc.            The described value indicates one under condition of inclining downward blowing.</p> <ol style="list-style-type: none"> <li>When setting the fan speed to L, L+, M, M+ or H on the remote controller, the operation is performed with the constant speed shown in Fig. 1.</li> <li>When setting the fan speed to AUTO on the remote controller, revolution of the fan motor is controlled to the fan speed level shown in Fig. 2 and Table 1 according to the setup temperature, room temperature, and heat exchanger temperature.</li> </ol>	UH	: Ultra High	H	: High	M+	: Medium+	M	: Medium	L+	: Low+	L	: Low	L-	: Low-	UL	: Ultra Low	SUL	: Super Ultra Low																																																																														
Indication	Fan speed	Hi-POWER																																																																																																																																										
L	W7	W8																																																																																																																																										
L+	(L + M) / 2	(L + M) / 2																																																																																																																																										
M	WA	WC																																																																																																																																										
M+	(M + H) / 2	(M + H) / 2																																																																																																																																										
H	WD	WE																																																																																																																																										
TA-Tsc [°C]	Fan speed	Hi Power																																																																																																																																										
+2.5	M+(WC)	H+(WD)																																																																																																																																										
+2.0	*3	*6																																																																																																																																										
+1.5	a																																																																																																																																											
+1.0	b																																																																																																																																											
+0.5	c																																																																																																																																											
Tsc	d																																																																																																																																											
-0.5	e																																																																																																																																											
UH	: Ultra High																																																																																																																																											
H	: High																																																																																																																																											
M+	: Medium+																																																																																																																																											
M	: Medium																																																																																																																																											
L+	: Low+																																																																																																																																											
L	: Low																																																																																																																																											
L-	: Low-																																																																																																																																											
UL	: Ultra Low																																																																																																																																											
SUL	: Super Ultra Low																																																																																																																																											
<p><b>(table 1) Indoor fan air flow rate &lt;Cooling&gt;</b></p> <table border="1"> <thead> <tr> <th rowspan="2">Fan speed level</th> <th rowspan="2">Cool</th> <th colspan="2">RAS-B10UFV-E</th> <th colspan="2">RAS-B13UFV-E</th> <th colspan="2">RAS-B18UFV-E</th> </tr> <tr> <th>Fan speed (rpm)</th> <th>Air flow rate (m<sup>3</sup>/h)</th> <th>Fan speed (rpm)</th> <th>Air flow rate (m<sup>3</sup>/h)</th> <th>Fan speed (rpm)</th> <th>Air flow rate (m<sup>3</sup>/h)</th> </tr> </thead> <tbody> <tr> <td>WF</td> <td></td> <td>530</td> <td>498</td> <td>560</td> <td>528</td> <td>650</td> <td>624</td> </tr> <tr> <td>WE</td> <td>UH</td> <td>530</td> <td>498</td> <td>560</td> <td>528</td> <td>650</td> <td>624</td> </tr> <tr> <td>WD</td> <td>H</td> <td>500</td> <td>468</td> <td>540</td> <td>510</td> <td>630</td> <td>600</td> </tr> <tr> <td>WC</td> <td>M+</td> <td>440</td> <td>408</td> <td>460</td> <td>426</td> <td>560</td> <td>528</td> </tr> <tr> <td>WB</td> <td></td> <td>440</td> <td>408</td> <td>460</td> <td>426</td> <td>560</td> <td>528</td> </tr> <tr> <td>WA</td> <td>M</td> <td>380</td> <td>342</td> <td>390</td> <td>354</td> <td>500</td> <td>468</td> </tr> <tr> <td>W9</td> <td></td> <td>340</td> <td>300</td> <td>350</td> <td>312</td> <td>450</td> <td>414</td> </tr> <tr> <td>W8</td> <td>L+</td> <td>340</td> <td>300</td> <td>350</td> <td>312</td> <td>450</td> <td>414</td> </tr> <tr> <td>W7</td> <td>L</td> <td>300</td> <td>258</td> <td>340</td> <td>300</td> <td>400</td> <td>366</td> </tr> <tr> <td>W6</td> <td>L-</td> <td>260</td> <td>216</td> <td>270</td> <td>228</td> <td>360</td> <td>324</td> </tr> <tr> <td>W5</td> <td>UL</td> <td>260</td> <td>216</td> <td>270</td> <td>228</td> <td>340</td> <td>300</td> </tr> <tr> <td>W4</td> <td></td> <td>240</td> <td>198</td> <td>250</td> <td>210</td> <td>320</td> <td>282</td> </tr> <tr> <td>W3</td> <td>SUL</td> <td>240</td> <td>198</td> <td>240</td> <td>198</td> <td>300</td> <td>258</td> </tr> <tr> <td>W2</td> <td></td> <td>240</td> <td>198</td> <td>240</td> <td>198</td> <td>300</td> <td>258</td> </tr> <tr> <td>W1</td> <td></td> <td>240</td> <td>198</td> <td>240</td> <td>198</td> <td>300</td> <td>258</td> </tr> </tbody> </table>	Fan speed level	Cool	RAS-B10UFV-E		RAS-B13UFV-E		RAS-B18UFV-E		Fan speed (rpm)	Air flow rate (m <sup>3</sup> /h)	Fan speed (rpm)	Air flow rate (m <sup>3</sup> /h)	Fan speed (rpm)	Air flow rate (m <sup>3</sup> /h)	WF		530	498	560	528	650	624	WE	UH	530	498	560	528	650	624	WD	H	500	468	540	510	630	600	WC	M+	440	408	460	426	560	528	WB		440	408	460	426	560	528	WA	M	380	342	390	354	500	468	W9		340	300	350	312	450	414	W8	L+	340	300	350	312	450	414	W7	L	300	258	340	300	400	366	W6	L-	260	216	270	228	360	324	W5	UL	260	216	270	228	340	300	W4		240	198	250	210	320	282	W3	SUL	240	198	240	198	300	258	W2		240	198	240	198	300	258	W1		240	198	240	198	300	258						
Fan speed level			Cool	RAS-B10UFV-E		RAS-B13UFV-E		RAS-B18UFV-E																																																																																																																																				
	Fan speed (rpm)	Air flow rate (m <sup>3</sup> /h)		Fan speed (rpm)	Air flow rate (m <sup>3</sup> /h)	Fan speed (rpm)	Air flow rate (m <sup>3</sup> /h)																																																																																																																																					
WF		530	498	560	528	650	624																																																																																																																																					
WE	UH	530	498	560	528	650	624																																																																																																																																					
WD	H	500	468	540	510	630	600																																																																																																																																					
WC	M+	440	408	460	426	560	528																																																																																																																																					
WB		440	408	460	426	560	528																																																																																																																																					
WA	M	380	342	390	354	500	468																																																																																																																																					
W9		340	300	350	312	450	414																																																																																																																																					
W8	L+	340	300	350	312	450	414																																																																																																																																					
W7	L	300	258	340	300	400	366																																																																																																																																					
W6	L-	260	216	270	228	360	324																																																																																																																																					
W5	UL	260	216	270	228	340	300																																																																																																																																					
W4		240	198	250	210	320	282																																																																																																																																					
W3	SUL	240	198	240	198	300	258																																																																																																																																					
W2		240	198	240	198	300	258																																																																																																																																					
W1		240	198	240	198	300	258																																																																																																																																					