

## Mitsubishi inverter setting for ATC different hp

Parameter 79 = 2 for machine operation mode

Parameter 79 = 4 for Inverter setting mode

First step: Auto tune

| Parameter # | Motor 7.5 Hp - 5.5Kw | Motor 10 Hp - 7.5Kw | Motor 15 Hp - 11Kw |
|-------------|----------------------|---------------------|--------------------|
| 9           | 24 (Amp)             | 31 (Amp)            | 41(Amp)            |
| 18          | 120 (Hz)             | 120 (Hz)            | 120 (Hz)           |
| 71          | 13                   | 13                  | 13                 |
| 80          | 5.5Kw                | 7.5Kw               | 11Kw               |
| 81          | 14                   | 14                  | 14                 |
| 83          | 220V                 | 220V                | 220V               |
| 84          | 60Hz                 | 60Hz                | 60Hz               |
| 95          | 1                    | 1                   | 1                  |
| 96          | 101                  | 101                 | 101                |

After parameter is set, come back parameter 96 and press enter screen show 101. And press "FWD" to start auto tune till it end at 103

Second step: Set parameters

| Parameter # | Motor 7.5 Hp - 5.5Kw  | Motor 10 Hp - 7.5Kw   | Motor 15 Hp - 11Kw  |
|-------------|-----------------------|-----------------------|---------------------|
| 0           | 3                     | 3                     | 3                   |
| 7           | 2.5 (second)          | 2.5 (second)          | 2.5 (second)        |
| 8           | 2.5 (second)          | 2.5 (second)          | 2.5 (second)        |
| 18          | 200 (Hz)              | 200 (Hz)              | 200 (Hz)            |
| 20          | 180                   | 180                   | 180                 |
| 22          | 180                   | 180                   | 180                 |
| 29          | 0                     | 0                     | 0                   |
| 30          | 1                     | 1                     | 1                   |
| 52          | 19                    | 19                    | 19                  |
| 70          | 10                    | 10                    | 10                  |
| 71          | 13                    | 13                    | 13                  |
| 72          | 10                    | 10                    | 10                  |
| 73          | 0                     | 0                     | 0                   |
| 80          | 9999                  | 9999                  | 9999                |
| 81          | 9999                  | 9999                  | 9999                |
| 182         | 22                    | 22                    | 22                  |
| 190         | 100                   | 100                   | 100                 |
| 194         | 27                    | 27                    | 27                  |
| 350         | 0                     | 0                     | 0                   |
| 356         | Spindle Orientation * | Spindle Orientation * | Spindle Orientation |
| 357         | 36/48                 | 36/48                 | 36/48               |
| 359         | 0/1 **                | 0/1 **                | 0/1 **              |
| 362         | 1                     | 1                     | 1                   |
| 369         | 1024                  | 1024                  | 1024                |
| 370         | 1                     | 1                     | 1                   |
| 903         | 100% in 200Hz***      | 100% in 200Hz***      | 100% in 200Hz       |