

# CIP™ Electronic System

The CIP electronic system revolutionizes the whirlpool industry by offering new and unique functions not previously available in whirlpools. Using the latest technology and advanced software it is now possible to upgrade the output of the heater, create advanced massage programs, control jets individually, as well as eliminate all manual knobs from the whirlpool and much more.

All CIP electronic components are equipped with cables and quick connectors that are easy to plug in to the pre marked location in the electronic boxes. This contributes to a fast and easy assembly.

The CIP electronic components meet all applicable directives and standards. The products are CE marked, RoHS certified and approved by SP (technical Research institute of Sweden).

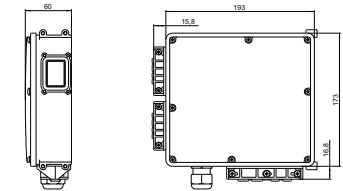


## CIP™ Main Box



### Specifications

Name:	CIP Main Box
Art.no:	1000-0264
Input:	3N~ 230/400V 50Hz
IP classification:	IPX5



### Information

CIP Main Box is a computer based electronic box and it is Cyrba's most advanced electronic box. It controls a highly advanced- to a medium advanced whirlpool (see functions below). The main box has a safety system that automatically checks for errors over 1 second. If a problem occurs the electronic box will indicate it in the control panel, if it is serious the main box will automatically shut down the system or the part that indicates an error.

The main box is software controlled, which makes it possible to upgrade functions in production or afterwards by the end user, with just entering a code. Functions that are upgradable; heater output, massage programs and light therapy/colours.

CIP Main Box is equipped with quick connectors for all CIP electronic components, a 2 meter pre connected power cable and Cyrba's patented connection sleeves for a fast and easy assembly.

### Functions\*



Control panel: 1000-0196



Control panel: 1000-0196

Pump on / off	●	●
Pump with adjustable speed control (requir CIP Frequency Inverter)	●	
Blower on / off	●	●
Blower with adjustable speed	10 speed modes	3 speed modes
Dry blowing of the bottom system	●	●
Heater with fixed temperature		●
Heater with adjustable temperature control (0-45 degrees)	●	
Digital water thermometer	●	
Upgradable heater output	●	
Lamp, white light	●	●
Light therapy - 5 programs		●
Light therapy with personal settings for speed & intency - 12 programs	●	
Maximum number of regulating valves	7 PSC (22 PSC with CIP Additional BOX)	7 PSC
Electronic air injection	●	●
Electronic pop up with safety suction	●	●
Automatic overflow protection	●	●
Pump timer	●	●
Automatic massage programs	9 PSC	4 PSC
CIP Saftey System	●	●
CIP Additional Box, enables to 15 extra regulating valves	●	

\* Two types of control panels are available for the CIP Main Box. The table shows which functions the panels controls.