



TOUCHSTONE

COMMAND SYSTEMS

ELECTRONIC CONTROLS

FOR

AIR AND WATER SYSTEMS



TOUCHSTONE

TOUCHSTONE IS A SET OF MODULAR ELECTRONIC CONTROLS DESIGNED FOR USERS TO CONTROL AIR AND WATER SYSTEMS FOR WHIRLPOOL BATHS.

COMMAND SYSTEMS

TOUCHSTONE COMMAND SYSTEMS INCLUDE TWO BASIC SYSTEMS WITH SPECIFIC USER INTERFACES:

- **COMMAND SYSTEMS:** UTILIZE MULTI-BUTTON KEYPADS FOR USER INTERFACE.
- **COMMAND PLUS SYSTEMS:** UTILIZE MULTI-BUTTON KEYPADS WITH ELECTRONIC DISPLAYS FOR USER INTERFACE.

ELEGANT DESIGN

· **FEATURE RICH:** TOUCHSTONE OFFERS A WIDE RANGE OF WHIRLPOOL BATH CONTROL SOLUTIONS INCLUDING SIMPLE ON/OFF SWITCHES, TIMERS WITH PURGE, LIGHTS, WATER SENSING, TEMPERATURE, AND DISPLAYS USING 1-8 BUTTON ICONS.

· **MODULAR:** THE CONTROLLER'S "BRAINS" ARE IN THE KEYPAD. THIS ENABLES INTERCHANGEABLE SYSTEM COMPONENTS TO SUPPORT FUNCTIONALITY AS OPTIONS ARE ADDED. IT ALSO ALLOWS FOR SIMPLIFIED SERVICE ACCESS.

· **PROVEN DESIGN:** TOUCHSTONE HAS BEEN IN THE MARKET FOR SEVERAL YEARS AND ENJOYS A COMMENDABLE REPUTATION FOR ITS QUALITY, PERFORMANCE AND INNOVATION.

COMMAND SYSTEMS

COMMAND WATER SYSTEM

THE COMMAND WATER SYSTEM CONTROLS A SINGLE-SPEED PUMP AND COLORED LED LIGHT(S). THE SYSTEM MAY OPTIONALLY INCLUDE CONDUCTIVE WATER LEVEL SENSING. THE USER INTERFACE IS FOUR BUTTONS WITH AN LED LIGHT OVER EACH BUTTON.



SYSTEM COMPONENTS

CONTROL BOX	CIMC-263-01-03-01	Male / Female NEMA Cords
KEYPAD	CIDU-252-01-06-13	
KEYPAD CABLE	CCBL-168	6' Cable Length
MULTI-COLORED LIGHT	CICL-239-01-01-01	
LIGHT CABLE	CCBL-170	6' Cable Length

ADDITIONAL COMPONENTS

TRIM RING	CRING-xx	<i>Optional, Replace xx with Color Number (See Back Page)</i>
EXTENDED LIGHT CABLE	CCBL-176	<i>12' Cable Length</i>
WATER SENSE CABLE	CCBL-128	<i>Optional, 6' Cable Length</i>
"Y" LIGHT CABLE	CCBL-233	<i>For Use with Additional Lights, 6' Cable Length</i>

COMPONENTS



CONTROL BOX
CIMC-263-01-03-01



KEYPAD
CIDU-252-01-06-13



TRIM RING
CRING-xx



MULTI-COLORED LIGHT
CICL-239-01-01-01



KEYPAD CABLE
CCBL-168



LIGHT CABLE
6' - CCBL-170
12' - CCBL-176



6' Y LIGHT CABLE
CCBL-233



WATER SENSE CABLE
CCBL-128



COMMAND AIR SYSTEM

THE COMMAND AIR SYSTEM CONTROLS A MULTI-SPEED BLOWER AND COLORED LED LIGHT(S). THE USER INTERFACE IS FOUR-BUTTONS WITH AN LED LIGHT OVER EACH BUTTON.

SYSTEM COMPONENTS

CONTROL BOX	CIMC-213-01-03-01	Male / Female NEMA Cords
FOUR BUTTON KEYPAD	CIDU-252-01-06-13	
KEYPAD CABLE	CCBL-168	6' Cable Length
MULTI-COLORED LIGHT	CICL-239-01-01-01	
LIGHT CABLE	CCBL-170	6' Cable Length

ADDITIONAL COMPONENTS

TRIM RING	CRING-xx	<i>Optional, Replace xx with Color Number (See Back Page)</i>
EXTENDED LIGHT CABLE	CCBL-176	12' Cable Length
"Y" LIGHT CABLE	CCBL-233	For Use with Additional Lights, 6' Cable Length

COMPONENTS



CONTROL BOX
CIMC-213-01-03-01



KEYPAD
CIDU-252-01-06-13



TRIM RING
CRING-xx



MULTI-COLORED LIGHT
CICL-239-01-01-01



KEYPAD CABLE
CCBL-168



LIGHT CABLE
6' - CCBL-170
12' - CCBL-176



6' Y LIGHT CABLE
CCBL-233



COMMAND AIR / WATER SYSTEM

THE COMMAND WATER AND AIR SYSTEM CONTROLS A SINGLE-SPEED WATER PUMP AND A MULTI-SPEED BLOWER. THE USER INTERFACE IS FOUR-BUTTONS WITH AN LED LIGHT OVER EACH BUTTON.

SYSTEM COMPONENTS		
CONTROL BOX	CIMC-213-01-03-01	Male / Female NEMA Cords
CONTROL BOX	CIAU-214-01-03-01	Male / Female NEMA Cords
FOUR BUTTON KEYPAD	CIDU-252-01-06-13	
KEYPAD CABLE	CCBL-168	6' Cable Length
ADDITIONAL COMPONENTS		
TRIM RING	CRING-xx	<i>Optional, Replace xx with Color Number (See Back Page)</i>

COMPONENTS



CONTROL BOX
CIMC-213-01-03-01



CONTROL BOX
CIAU-214-01-03-01



KEYPAD
CIDU-252-01-06-13



TRIM RING
CRING-xx



KEYPAD CABLE
CCBL-168



COMMAND PLUS WATER SYSTEM

THE COMMAND PLUS WATER SYSTEM CONTROLS A SINGLE-SPEED WATER PUMP AND COLORED LED LIGHT(S). THE SYSTEM INCLUDES CAPACITIVE WATER LEVEL SENSING AND TEMPERATURE DISPLAY. THE USER INTERFACE IS TWO BUTTONS WITH A DIGITAL DISPLAY.

SYSTEM COMPONENTS

CONTROL BOX	CIMC-213-01-03-01	Male / Female NEMA Cords
2 BUTTON KEYPAD WITH DISPLAY	CIDU-254-01-04-07	
KEYPAD CABLE	CCBL-168	6' Cable Length
MULTI-COLORED LIGHT	CICL-239-01-01-01	
LIGHT CABLE	CCBL-170	6' Cable Length
WATER/TEMPERATURE SENSOR	CITW-209-01-01-01	

ADDITIONAL COMPONENTS

TRIM RING	CRING-xx	<i>Optional, Replace xx with Color Number (See Back Page)</i>
LIGHT CABLE, EXTENDED LENGTH	CCBL-176	12' Cable Length
LIGHT CABLE, Y	CCBL-233	For Use with Additional Lights, 6' Cable Length
CONDUCTIVE CABLE FOR CITW SENSOR	CCBL-128	<i>Optional</i>

COMPONENTS



CONTROL BOX
CIMC-213-01-03-01



KEYPAD
CIDU-254-01-04-07



TRIM RING
CRING-xx



MULTI-COLORED LIGHT
CICL-239-01-01-01



WATER/TEMP SENSOR
CITW-209-01-01-01



KEYPAD CABLE
CCBL-168



LIGHT CABLE
6' - CCBL-170
12' - CCBL-176



6' Y LIGHT CABLE
CCBL-233



WATER SENSE CABLE
CCBL-128



COMMAND PLUS AIR SYSTEM

THE COMMAND PLUS AIR SYSTEM CONTROLS A MULTI-SPEED BLOWER AND COLORED LED LIGHT(S). THE SYSTEM INCLUDES CAPACITIVE WATER LEVEL SENSING AND TEMPERATURE DISPLAY. THE USER INTERFACE IS TWO BUTTONS WITH A DIGITAL DISPLAY.

SYSTEM COMPONENTS

CONTROL BOX	CIMC-213-01-03-01	Male / Female NEMA Cords
TWO BUTTON KEYPAD WITH DISPLAY	CIDU-254-01-04-07	
KEYPAD CABLE	CCBL-168	6' Cable Length
MULTI-COLORED LIGHT	CICL-239-01-01-01	
LIGHT CABLE	CCBL-170	6' Cable Length
WATER/TEMPERATURE SENSOR	CITW-209-01-01-01	

ADDITIONAL COMPONENTS

TRIM RING	CRING-xx	<i>Optional, Replace xx with Color Number (See Back Page)</i>
EXTENDED LIGHT CABLE	CCBL-176	12' Cable Length
"Y" LIGHT CABLE	CCBL-233	For Use with Additional Lights, 6' Cable Length
CONDUCTIVE CABLE FOR CITW SENSOR	CCBL-128	<i>Optional, 6' Cable Length</i>

COMPONENTS



CONTROL BOX
CIMC-213-01-03-01



KEYPAD
CIDU-254-01-04-07



TRIM RING
CRING-xx



MULTI-COLORED LIGHT
CICL-239-01-01-01



WATER/TEMP SENSOR
CITW-209-01-01-01



KEYPAD CABLE
CCBL-168



LIGHT CABLE
6' - CCBL-170
12' - CCBL-176



6' Y LIGHT CABLE
CCBL-233



WATER SENSE CABLE
CCBL-128



COMMAND PLUS AIR/WATER SYSTEM

THE COMMAND PLUS WATER & AIR SYSTEM CONTROLS A SINGLE-SPEED PUMP, A MULTI-SPEED BLOWER, AND COLORED LED LIGHT(S). THE SYSTEM INCLUDES CAPACITIVE WATER LEVEL SENSING AND TEMPERATURE DISPLAY. THE USER INTERFACE IS SIX BUTTONS WITH A DIGITAL DISPLAY.

SYSTEM COMPONENTS		
CONTROL BOX	CIMC-213-01-03-01	Male / Female NEMA Cords
CONTROL BOX	CIAU-214-01-03-01	Male / Female NEMA Cords
DIGITAL DISPLAY KEYPAD	CIDU-215-01-08-15	
KEYPAD BASE	CRING-59-BASE	
TRIM RING	CRING-60-xx	Replace xx with Color Number (See Back Page)
KEYPAD CABLE	CCBL-168	6' Cable Length
WATER/TEMPERATURE SENSOR	CITW-209-01-01-01	
MULTI-COLORED LIGHT	CICL-239-01-01-01	
LIGHT CABLE	CCBL-170	6' Cable Length
ADDITIONAL COMPONENTS		
EXTENDED LIGHT CABLE	CCBL-176	Optional
"Y" LIGHT CABLE	CCBL-233	For Use with Additional Lights, 6' Cable Length

COMPONENTS



CONTROL BOX
CIMC-213-01-03-01



CONTROL BOX
CIAU-214-01-03-01



KEYPAD
CIDU-215-01-08-15



KEYPAD BASE
CRING-59-BASE



TRIM RING
CRING-60-xx



MULTI-COLORED LIGHT
CICL-239-01-01-01



WATER/TEMP SENSOR
CITW-209-01-01-01



KEYPAD CABLE
CCBL-168



LIGHT CABLE
6' - CCBL-170
12' - CCBL-176



6' Y LIGHT CABLE
CCBL-233

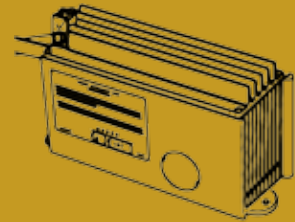


TOUCHSTONE PRODUCT SPECIFICATIONS

CONTROL BOXES

(CIMC, CIAU)

Dimensions: 2-1/4" W x 6" L x 3-5/8" H
36" Male & Female NEMA cords



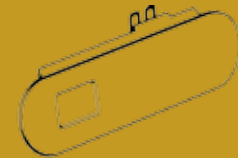
KEYPADS

Round (CIDU-254, CIDU-252)

Face Diameter: 1-7/8" (2" with Optional Trim Ring) x 3/16" High
Hole Saw Size: 1-9/16"

Oval (CIDU-215)

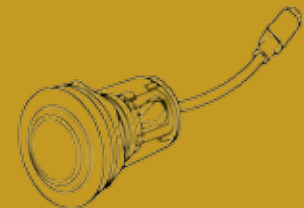
Face Size: 2-1/4" W x 6-1/4" L x 5/16" H
Hole Size: 1-1/4" W x 4-1/4" L + (2) 3/16" Dia. Screw Mounting Holes



LED MULTI-COLORED LIGHT

(CICL)

Face: 2-1/4" Diameter x 3/8" High
Hole Saw Size: 1-5/8"
Projection From Inside Tub Wall: 3-1/2"
Maximum Tub Wall Thickness: 3/4"
Contains 9 LED Lights



WATER / TEMPERATURE SENSOR

(CITW)

Dimensions: 2-3/16" W x 3-5/8" L x 3/8" Thick
Cord: 6' cable w/DIN Connector for Attachment to CIMC



COLORS FOR TRIM RINGS

Replace **xx** in Part Number with a Two Digit Code below



White

Bone

Biscuit

Black

Chrome

Brass

Nickel

Bronze

01

02

03

05

60

61

62

63