

WaiWELA

MAIN UNIT CONTROLLER



SET TEMPERATURE UP TO 140°F OR 180°F

- TEMPERATURE SETTINGS CAN BE CHANGED WITH THE SIMPLE PRESS OF A BUTTON AT ANY TIME, EVEN WHILE WATER IS RUNNING
- SET TEMPERATURES IN 2°F INTERVALS BETWEEN 100°F - 120°F (MAX 140°F ON RESIDENTIAL MODELS, 180°F ON COMMERCIAL MODELS)
- WAIWELA RECOMMENDS NEVER SETTING TEMPERATURES ABOVE FACTORY SETTINGS

RECOMMENDED INSTALLATION LOCATIONS

CONTROLLERS MAY BE LOCATED UP TO 195 FEET FROM THE WAIWELA UNIT. THE MAIN CONTROLLER SHOULD BE INSTALLED:

- IN THE KITCHEN
- IN THE LAUNDRY ROOM
- NEAR THE WAIWELA UNIT
- NEVER OUTDOORS

INCLUDED WITH EACH WAIWELA UNIT

AT THE HEART OF THE WAIWELA TANKLESS WATER HEATING SYSTEM IS A TOUCH PAD WHERE YOUR WAIWELA TANKLESS DIGITAL REMOTE CONTROL DEVICE AWAITS YOUR COMMAND

DIAGNOSTIC INTERFACE

YOU MAY NEVER ACCESS THE MAINTENANCE AND DIAGNOSTIC FUNCTIONS, BUT WAIWELA TRAINED TECHNICIANS FIND GREAT VALUE IN THE INFORMATION THAT IS AVAILABLE AT THE TOUCH OF A BUTTON.

BATH AND SHOWER CONTROLLER



SCALD PREVENTION WITH A SIMPLE PRESS OF A BUTTON

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- ENGINEERED FOR SAFE HOT WATER USE IN THE BATHROOM
- WHEN TURNED ON, THE USC1-117 AND USC2-117 CONTROLLERS TAKE TEMPERATURE-SETTING PRIORITY OVER THE MAIN CONTROLLER (UMC-117)
- AUTOMATICALLY RESETS TO PREVIOUS SETTING WHEN FIRST TURNED ON
- TEMPERATURE ADJUSTING RANGE 100°F - 120°F AND CAN NOT EXCEED 112°F WHILE WATER IS FLOWING

JUST THE RIGHT TEMPERATURE—EVERY TIME

- KEY TO THE PERFECT SHOWER EVERY TIME
- TEACH YOUR FAMILY AND GUESTS TO ALWAYS TURN ON THE BATH CONTROLLER FOR THEIR SHOWERS AND IT BECOMES THE KEY TO A COMFORTABLE, SAFE SHOWER
- ELIMINATES THE NEED FOR MIXING IN COLD WATER WITH YOUR OWN PERSONAL SETTING

RECOMMENDED INSTALLATION LOCATIONS

A TOTAL OF THREE CONTROLLERS (ONE OF EACH TYPE: UMC-117, USC1-117 AND USC2-117), CAN BE CONNECTED TO A WAIWELA TANKLESS UNIT OR MULTI-UNIT SYSTEM. USC1-117 AND USC2-117 SHOULD BE INSTALLED IN:

- BATHROOMS WITH A BATH OR SHOWER
- 2ND OR 3RD BATHROOMS OR SHOWERS ESPECIALLY IMPORTANT FOR KIDS' OR GUEST BATHROOMS

WAIWELA

MIC-180 MULTI-UNIT CONTROLLER

FEATURES

- CONTROL 3-TO-6 UNIT WAIWELA TANKLESS SYSTEMS
- ADD MICS-180 EXPANDED COMMUNICATIONS BOARD FOR 7-TO-20 UNIT SYSTEMS
- ENTIRE SYSTEM TEMPERATURE CONTROLLED BY A SINGLE MAIN UNIT CONTROLLER (UMC-117)
- INCREASES SYSTEM LIFE BY ROTATING ORDER OF IGNITION AND DISTRIBUTING LOAD
- MIC-180 COMES IN A DURABLE, WEATHERPROOF CABINET
- USE THE DUONEX™ CABLE TO CONNECT TWO UNITS – THE SIMPLE SOLUTION FOR MULTI HEADED SHOWER SYSTEMS



CONTROLLING LARGE SYSTEMS



3-TO-6 UNIT SYSTEMS OF MODULAR WAIWELA UNITS CAN BE ELECTRONICALLY CONTROLLED WITH THE MIC-180 MULTI-UNIT CONTROLLER. FOR SYSTEMS OF 7-TO-20 UNITS, THE MIC-180 CONTROLLER NEEDS AN EXPANDED COMMUNICATION BOARD—THE MICS-180, WHICH CAN BE INSTALLED INSIDE THE MIC-180 CABINET.

THE MIC-180 CONTROLLER IS LINKED TO EACH WAIWELA MODULAR WATER HEATER WITH A SEPARATE COMMUNICATION CABLE. TEMPERATURES ARE SET FOR THE ENTIRE SYSTEM THROUGH A SINGLE MAIN CONTROLLER (UMC-117), WHICH IS WIRED DIRECTLY TO THE MIC-180. THE MAIN CONTROLLER IS ABLE TO DISPLAY DIAGNOSTIC CODES FOR EACH UNIT IN THE SYSTEM AS WELL AS ACCESS MAINTENANCE INFORMATION.

SYSTEM SIZING FOR APPLICATIONS

ALL 5.3(PH20R), 7.4(PH28R) AND 28C(PH28C) SERIES WATER HEATERS CAN FUNCTION IN A MODULAR MIC(S)-180 MANIFOLDED MULTI-UNIT SYSTEM.

SIZING REFERENCE TABLE

UNITS IN SYSTEM	PEAK OUTPUT (GPM)					
	7.4 AND 28C SERIES			5.3 SERIES		
	40°F RISE	70°F RISE	100°F RISE	40°F RISE	70°F RISE	100°F RISE
1	8.5	4.8	3.4	5.3	3.3	2.3
2	17.0	9.6	6.8	10.6	6.6	4.6
3	25.5	14.4	10.2	15.9	9.9	6.9
4	34.0	19.2	13.6	21.2	13.2	9.2
5	42.5	24.0	17.0	26.5	16.5	11.5
6	51.0	28.8	20.4	31.8	19.8	13.8
7	59.5	33.6	23.8	37.1	23.1	16.1
8	68.0	38.4	27.2	42.4	26.4	18.4
9	76.5	43.2	30.6	47.7	29.7	20.7
10	85.0	48.0	34.0	53.0	33.0	23.0
11	93.5	52.8	37.4	58.3	36.3	25.3
12	102.0	57.6	40.8	63.6	39.6	27.6
13	110.5	62.4	44.2	68.9	42.9	29.9
14	119.0	67.2	47.6	74.2	46.2	32.2
15	127.5	72.0	51.0	79.5	49.5	34.5
16	136.0	76.8	54.4	84.8	52.8	36.8
17	144.5	81.6	57.8	90.1	56.1	39.1
18	153.0	86.4	61.2	95.4	59.4	41.4
19	161.5	91.2	64.6	100.7	62.7	43.7
20	170.0	96.0	68.0	106.0	66.0	46.0



FOR MORE INFORMATION, VISIT WWW.WAIWELA.COM OR CALL 800.605.6542

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