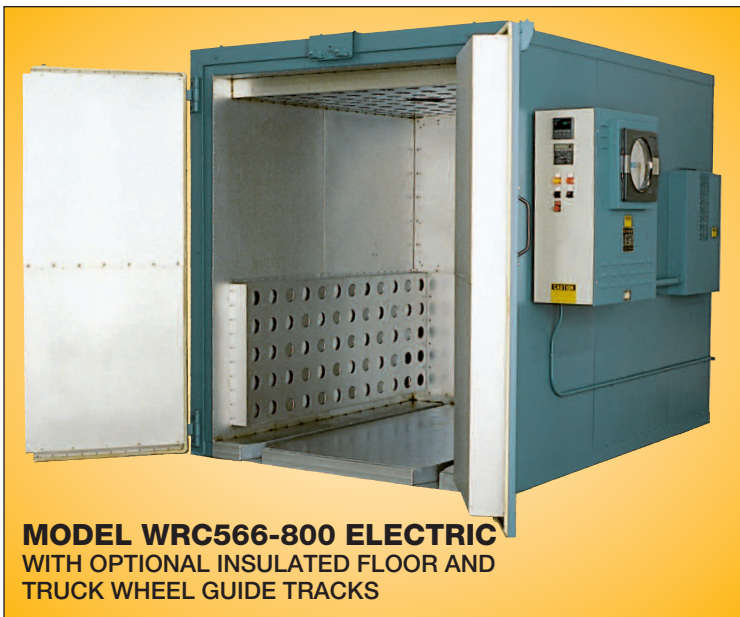
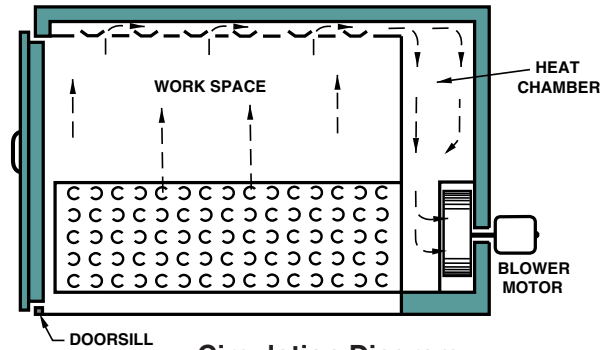


**WALK-IN OVEN  
COMBINATION AIR FLOW  
REAR HEAT CHAMBER**



**MODEL WRC566-800 ELECTRIC**  
WITH OPTIONAL INSULATED FLOOR AND  
TRUCK WHEEL GUIDE TRACKS



**Circulation Diagram**  
(Side View)

**CAUTION: OVENS PROCESSING COMBUSTIBLE MATERIAL ARE REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 86 TO HAVE A FIRE SUPPRESSION SYSTEM. IF FLAMMABLE SOLVENTS OR VAPORS ARE PRESENT IN AN OVEN, OSHA REQUIRES CONFORMANCE WITH NFPA 86 WHICH DEFINES OVENS FOR THESE APPLICATIONS AS CLASS A OVENS. A POWERED FORCED EXHAUSTER AND OTHER NON-STANDARD SAFETY EQUIPMENT MUST BE ADDED. SEE BULLETIN TC-940 AND CONSULT FACTORY.**

**SPECIFICATIONS**

Model	Work Space		Outside Dimensions* (WxDxH)	Max Temp	Blower		Insulation	Heat Input		Operating Characteristics†				Approx Shipping Weight
	Dimensions (WxDxH)	Volume Cu Ft			CFM	HP		KW	BTU/HR	Control Accuracy	Oven Uniformity	Rise Time		
												Electric	Gas	
WRC446-500	48" x 48" x 72"	96	67" x 86" x 87"	500°F	2450	1½	6"	30	250,000	±0.3%	±6°F	40 min	20 min	3055
WRC446-650	48" x 48" x 72"	96	69" x 88" x 88"	650°F	2450	1½	7"	40	300,000	±0.3%	±8°F	45 min	25 min	3465
WRC446-800	48" x 48" x 72"	96	73" x 90" x 90"	800°F	3000	2	8"	45	350,000	±0.3%	±10°F	55 min	35 min	3885
WRC566-500	60" x 72" x 72"	180	79" x 110" x 87"	500°F	3300	2	6"	40	300,000	±0.3%	±6°F	40 min	20 min	3935
WRC566-650	60" x 72" x 72"	180	81" x 112" x 88"	650°F	3300	2	7"	45	350,000	±0.3%	±8°F	50 min	25 min	4650
WRC566-800	60" x 72" x 72"	180	85" x 114" x 90"	800°F	4000	3	8"	60	400,000	±0.3%	±10°F	50 min	35 min	4870
WRC586-500	60" x 96" x 72"	240	81" x 134" x 87"	500°F	4200	3	6"	45	350,000	±0.3%	±6°F	40 min	20 min	4195
WRC586-650	60" x 96" x 72"	240	83" x 136" x 88"	650°F	4200	3	7"	60	400,000	±0.3%	±8°F	45 min	30 min	5010
WRC586-800	60" x 96" x 72"	240	87" x 138" x 90"	800°F	5000	5	8"	80	600,000	±0.3%	±10°F	45 min	35 min	6035
WRC666-500	72" x 72" x 78"	234	93" x 110" x 93"	500°F	4200	3	6"	45	350,000	±0.3%	±6°F	40 min	25 min	4190
WRC666-650	72" x 72" x 78"	234	95" x 112" x 94"	650°F	4200	3	7"	60	400,000	±0.3%	±8°F	45 min	30 min	5005
WRC666-800	72" x 72" x 78"	234	99" x 114" x 96"	800°F	5000	5	8"	80	600,000	±0.3%	±10°F	45 min	35 min	6025
WRC686-500	72" x 96" x 78"	312	97" x 134" x 94"	500°F	6000	5	6"	60	400,000	±0.3%	±6°F	35 min	25 min	6465
WRC686-650	72" x 96" x 78"	312	99" x 136" x 95"	650°F	6000	5	7"	80	600,000	±0.3%	±8°F	40 min	25 min	6680
WRC686-800	72" x 96" x 78"	312	101" x 146" x 98"	800°F	7800	5	8"	100	700,000	±0.3%	±10°F	45 min	30 min	8125
WRC6106-500	72" x 120" x 78"	390	97" x 166" x 95"	500°F	7800	5	6"	80	600,000	±0.3%	±6°F	30 min	20 min	7455
WRC6106-650	72" x 120" x 78"	390	99" x 168" x 96"	650°F	7800	5	7"	100	700,000	±0.3%	±8°F	35 min	25 min	7870
WRC6106-800	72" x 120" x 78"	390	104" x 170" x 98"	800°F	10,000	7½	8"	120	800,000	±0.3%	±10°	40 min	35 min	9300
WRC6126-500	72" x 144" x 78"	468	100" x 191" x 95"	500°F	10,000	7½	6"	80	600,000	±0.3%	±6°F	40 min	25 min	8630
WRC6126-650	72" x 144" x 78"	468	102" x 192" x 96"	650°F	10,000	7½	7"	100	700,000	±0.3%	±8°F	45 min	30 min	9045
WRC6126-800	72" x 144" x 78"	468	104" x 194" x 100"	800°F	12,500	10	8"	120	800,000	±0.3%	±10°F	50 min	40 min	10,475
WRC688-500	72" x 96" x 96"	384	96" x 143" x 112"	500°F	7800	5	6"	80	600,000	±0.3%	±6°F	30 min	20 min	7445
WRC688-650	72" x 96" x 96"	384	98" x 144" x 113"	650°F	7800	5	7"	100	700,000	±0.3%	±8°F	35 min	25 min	7760
WRC787-500	84" x 96" x 84"	392	108" x 143" x 99"	500°F	7800	5	6"	80	600,000	±0.3%	±6°F	30 min	20 min	8140
WRC787-650	84" x 96" x 84"	392	110" x 144" x 100"	650°F	7800	5	7"	100	700,000	±0.3%	±8°F	35 min	25 min	8455
WRC7107-500	84" x 120" x 84"	490	112" x 167" x 101"	500°F	10,000	7½	6"	80	600,000	±0.3%	±6°F	40 min	25 min	9330
WRC7107-650	84" x 120" x 84"	490	114" x 168" x 102"	650°F	10,000	7½	7"	100	700,000	±0.3%	±8°F	45 min	30 min	9745
WRC7127-500	84" x 144" x 84"	588	112" x 191" x 102"	500°F	12,500	10	6"	100	700,000	±0.3%	±6°F	40 min	25 min	10,505
WRC7127-650	84" x 144" x 84"	588	114" x 192" x 103"	650°F	12,500	10	7"	140	1,200,000	±0.3%	±8°F	40 min	25 min	10,920
WRC8108-500	96" x 120" x 96"	640	124" x 167" x 113"	500°F	12,500	10	6"	120	800,000	±0.3%	±6°F	35 min	25 min	10,725
WRC8108-650	96" x 120" x 96"	640	126" x 168" x 114"	650°F	12,500	10	7"	160	1,200,000	±0.3%	±8°F	35 min	25 min	11,240
WRC8128-500	96" x 144" x 96"	768	120" x 197" x 116"	500°F	17,500	15	6"	140	1,200,000	±0.3%	±6°F	35 min	25 min	12,415
WRC8128-650	96" x 144" x 96"	768	122" x 198" x 117"	650°F	17,500	15	7"	180	1,200,000	±0.3%	±8°F	35 min	25 min	12,835

\*All Models—Control panel overhang 9" right side.  
Blower motor overhang 19" rear through 5 HP, 26" up to 10 HP, and 30" at 15 HP  
Gas Models—Burner overhang 15" right side  
325 CFM exhauster except 650 CFM at 1,200,000 BTU/HR

†Accuracy as percent of controller span. Uniformity at 50°F below maximum temperature. Rise Time in minutes to 50°F below maximum temperature. Tests run with empty oven and minimum exhaust. Performance will vary with load and application. See Bulletin TC-920 for additional details.

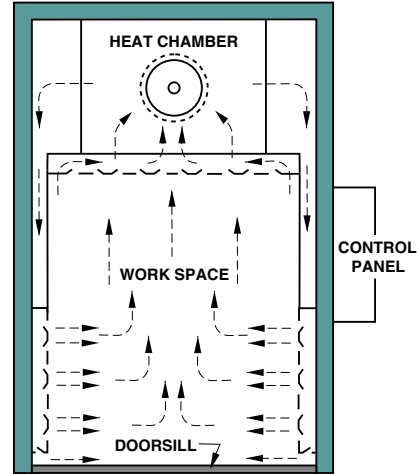


# WALK-IN OVEN COMBINATION AIR FLOW TOP HEAT CHAMBER



**MODEL WTC566-650 ELECTRIC**  
WITH OPTIONAL TRUCK WHEEL GUIDE TRACKS AND  
REMOVABLE HEAT CHAMBER

**Circulation  
Diagram  
(Front View)**



CAUTION: OVENS PROCESSING COMBUSTIBLE MATERIAL ARE REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 86 TO HAVE A FIRE SUPPRESSION SYSTEM. IF FLAMMABLE SOLVENTS OR VAPORS ARE PRESENT IN AN OVEN, OSHA REQUIRES CONFORMANCE WITH NFPA 86 WHICH DEFINES OVENS FOR THESE APPLICATIONS AS CLASS A OVENS. A POWERED FORCED EXHAUSTER AND OTHER NON-STANDARD SAFETY EQUIPMENT MUST BE ADDED. SEE BULLETIN TC-940 AND CONSULT FACTORY.

## SPECIFICATIONS

Model	Work Space		Outside Dimensions* (WxDxH)	Max Temp	Blower		Insulation	Heat Input		Operating Characteristics†				Approx Shipping Weight
	Dimensions (WxDxH)	Volume Cu Ft			CFM	HP		KW	BTU/HR	Control Accuracy	Oven Uniformity	Rise Time		
												Electric	Gas	
WTC446-500	48" x 48" x 72"	96	68" x 65" x 117"	500°F	2450	1½	6"	30	250,000	±0.3%	±6°F	40 min	20 min	3065
WTC446-650	48" x 48" x 72"	96	70" x 66" x 118"	650°F	2450	1½	7"	40	300,000	±0.3%	±8°F	45 min	25 min	3475
WTC446-800	48" x 48" x 72"	96	72" x 68" x 120"	800°F	3000	2	8"	45	350,000	±0.3%	±10°F	55 min	35 min	3890
WTC566-500	60" x 72" x 72"	180	80" x 89" x 117"	500°F	3300	2	6"	40	300,000	±0.3%	±6°F	40 min	20 min	3960
WTC566-650	60" x 72" x 72"	180	82" x 90" x 118"	650°F	3300	2	7"	45	350,000	±0.3%	±8°F	50 min	25 min	4670
WTC566-800	60" x 72" x 72"	180	84" x 92" x 120"	800°F	4000	3	8"	60	400,000	±0.3%	±10°F	50 min	35 min	4885
WTC586-500	60" x 96" x 72"	240	80" x 113" x 117"	500°F	4200	3	6"	45	350,000	±0.3%	±6°F	40 min	20 min	4225
WTC586-650	60" x 96" x 72"	240	82" x 114" x 118"	650°F	4200	3	7"	60	400,000	±0.3%	±8°F	45 min	30 min	5035
WTC586-800	60" x 96" x 72"	240	84" x 116" x 120"	800°F	5000	5	8"	80	600,000	±0.3%	±10°F	45 min	35 min	6055
WTC666-500	72" x 72" x 78"	234	92" x 89" x 123"	500°F	4200	3	6"	45	350,000	±0.3%	±6°F	40 min	25 min	4210
WTC666-650	72" x 72" x 78"	234	94" x 90" x 124"	650°F	4200	3	7"	60	400,000	±0.3%	±8°F	45 min	30 min	5020
WTC666-800	72" x 72" x 78"	234	96" x 92" x 127"	800°F	5000	5	8"	80	600,000	±0.3%	±10°F	45 min	35 min	6040
WTC686-500	72" x 96" x 78"	312	92" x 113" x 123"	500°F	6000	5	6"	60	400,000	±0.3%	±6°F	35 min	25 min	6180
WTC686-650	72" x 96" x 78"	312	94" x 114" x 124"	650°F	6000	5	7"	80	600,000	±0.3%	±8°F	40 min	25 min	6490
WTC686-800	72" x 96" x 78"	312	96" x 116" x 135"	800°F	7800	5	8"	100	700,000	±0.3%	±10°F	45 min	30 min	7935
WTC6106-500	72" x 120" x 78"	390	92" x 137" x 132"	500°F	7800	5	6"	80	600,000	±0.3%	±6°F	30 min	20 min	7175
WTC6106-650	72" x 120" x 78"	390	94" x 138" x 133"	650°F	7800	5	7"	100	700,000	±0.3%	±8°F	35 min	25 min	7485
WTC6106-800	72" x 120" x 78"	390	98" x 140" x 136"	800°F	10,000	7½	8"	120	800,000	±0.3%	±10°F	40 min	35 min	8920
WTC6126-500	72" x 144" x 78"	468	94" x 161" x 133"	500°F	10,000	7½	6"	80	600,000	±0.3%	±6°F	40 min	25 min	8160
WTC6126-650	72" x 144" x 78"	468	96" x 162" x 134"	650°F	10,000	7½	7"	100	700,000	±0.3%	±8°F	45 min	30 min	8575
WTC6126-800	72" x 144" x 78"	468	100" x 164" x 137"	800°F	12,500	10	8"	120	800,000	±0.3%	±10°F	50 min	40 min	10,010
WTC688-500	72" x 96" x 96"	384	92" x 113" x 150" <sup>nc</sup>	500°F	7800	5	6"	80	600,000	±0.3%	±6°F	30 min	20 min	7055
WTC688-650	72" x 96" x 96"	384	94" x 114" x 151" <sup>nc</sup>	650°F	7800	5	7"	100	700,000	±0.3%	±8°F	35 min	25 min	7465
WTC787-500	84" x 96" x 84"	392	104" x 113" x 138"	500°F	7800	5	6"	80	600,000	±0.3%	±6°F	30 min	20 min	7660
WTC787-650	84" x 96" x 84"	392	106" x 114" x 139"	650°F	7800	5	7"	100	700,000	±0.3%	±8°F	35 min	25 min	8075
WTC7107-500	84" x 120" x 84"	490	106" x 137" x 138"	500°F	10,000	7½	6"	80	600,000	±0.3%	±6°F	40 min	25 min	8650
WTC7107-650	84" x 120" x 84"	490	108" x 138" x 139"	650°F	10,000	7½	7"	100	700,000	±0.3%	±8°F	45 min	30 min	9065
WTC7127-500	84" x 144" x 84"	588	108" x 161" x 139"	500°F	12,500	10	6"	100	700,000	±0.3%	±6°F	40 min	25 min	9840
WTC7127-650	84" x 144" x 84"	588	110" x 162" x 140"	650°F	12,500	10	7"	140	1,200,000	±0.3%	±8°F	40 min	25 min	10,255
WTC8108-500	96" x 120" x 96"	640	122" x 137" x 151" <sup>nc</sup>	500°F	12,500	10	6"	120	800,000	±0.3%	±6°F	35 min	25 min	10,055
WTC8108-650	96" x 120" x 96"	640	124" x 138" x 152" <sup>nc</sup>	650°F	12,500	10	7"	160	1,200,000	±0.3%	±8°F	35 min	25 min	10,670
WTC8128-500	96" x 144" x 96"	768	122" x 161" x 162" <sup>nc</sup>	500°F	17,500	15	6"	140	1,200,000	±0.3%	±6°F	35 min	25 min	11,885
WTC8128-650	96" x 144" x 96"	768	124" x 162" x 163" <sup>nc</sup>	650°F	17,500	15	7"	180	1,200,000	±0.3%	±8°F	35 min	25 min	12,605

\*All Models—Control panel overhang 9" right side.  
Model WTC-446—motor mount overhang 19" rear; gas burner overhang 15" front  
Models WTC-566 & WTC-666—gas burner overhang 15" front  
Gas Models—325 CFM exhauster, except 650 CFM at 1,200,000 BTU/HR  
†Removable heat chamber recommended. See below.

†Accuracy as percent of controller span. Uniformity at 50°F below maximum temperature. Rise Time in minutes to 50°F below maximum temperature. Tests run with empty oven and minimum exhaust. Performance will vary with load and application. See Bulletin TC-920 for additional details.

● **Removable Top Mounted Heat Chamber**, fully assembled to oven and tested. Heat chamber match marked and removed for shipping or installation clearance. Overall height increases by one insulated wall thickness and overall width increases by 2" . . . **RHC**

● **Double Doors Both Ends**, additional set of doors on rear of oven to allow access to work space from both ends. Overall depth increases by 4" . . . **DD**