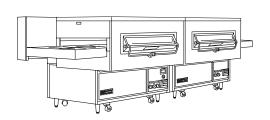
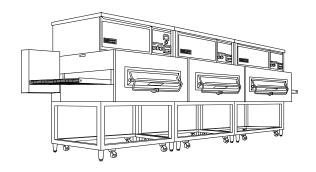


owner's operating & installation manual

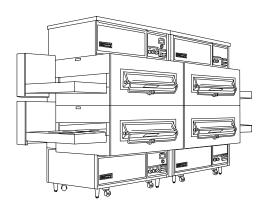
SERIES PS360/PS360WB TANDEM GAS OVEN MODELS



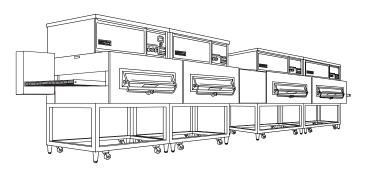
PS360/PS360WB Tandem Oven



PS360/PS360WB Tri Tandem Oven



PS360/PS360WB Double Tandem Oven



PS360/PS360WB Quad Tandem Oven

NOTICE:

This Operating and Installation Manual should be given to the user. The operator of the oven should be familiar with the functions and operation of the oven.

This manual must be kept in a prominent, easily reachable location near the oven.

The oven has a combustion system suitable for use with all natural gases and can be converted by a qualified service agent for use with liquified gas.

It is suggested to obtain a service contract with a manufacturer's certified service agent.

WARNING

POST, IN A PROMINENT LOCATION, THE EMERGENCY TELEPHONE NUMBER OF YOUR LOCAL GAS SUPPLIER AND INSTRUCTIONS TO BE FOLLOWED IN THE EVENT YOU SMELL GAS.

Instructions to be followed in the event the user smells gas shall be obtained by consulting the local gas supplier. If the smell of gas is detected, immediately call the emergency phone number of your local Gas Company. They will have personnel and provisions available to correct the problem.

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.

WARNING:

Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

NOTICE

CONTACT YOUR LOCAL SERVICE COMPANY TO PERFORM MAINTENANCE AND REPAIRS. A SERVICE AGENT DIRECTORY IS SUPPLIED IN YOUR INSTALLATION KIT.

NOTICE

Using any parts other than genuine Middleby Marshall factory manufactured parts relieves the manufacturer of all warranty and liability.

NOTICE

Middleby Marshall (Manufacturer) reserves the right to change specifications at any time.

NOTICE

The equipment warranty is not valid unless the oven is installed, started and demonstrated under the supervision of a factory certified installer.

Retain This Manual For Future Reference

Middleby Marshall Inc. • 1400 Toastmaster Drive • Elgin, IL 60120 • USA • (847) 741-3300 • FAX (847) 741-4406

Middleby Corporation Service Hotline 1-800-238-8444

MIDDLEBY MARSHALL INC. NO QUIBBLE LIMITED WARRANTY (U.S.A. ONLY)

MIDDLEBY MARSHALL, HEREINAFTER REFERRED TO AS THE SELLER, WARRANTS EQUIPMENT MANUFAC-TURED BY IT TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR WHICH IT IS RESPONSIBLE. THE SELLER'S OBLIGATION UNDER THIS WARRANTY SHALL BE LIMITED TO REPLACING OR REPAIRING AT SELLER'S OPTION, WITHOUT CHARGE, ANY PART FOUND TO BE DEFECTIVE AND ANY LABOR AND MATERIAL EX-PENSE INCURRED BY SELLER IN REPAIRING OR RE-PLACING SUCH PART, SUCH WARRANTY SHALL BE LIMITED TO THE ORIGINAL PURCHASER ONLY AND SHALL BE EFFECTIVE FOR A PERIOD OF ONE YEAR FROMDATE OF ORIGINAL INSTALLATION, OR 18 MONTHS FROM DATE OF SHIPMENT, WHICHEVER IS EARLIER; **PROVIDED THAT TERMS OF PAYMENT HAVE BEEN FULLY** MET.

This warranty is valid only if the equipment is installed, started and demonstrated under the supervision of a factory certified installer.

Normal maintenance functions, including lubrication, cleaning or customer abuse are not covered by this <u>no quibble</u> warranty.

Seller shall be responsible only for repairs or replacements of defective parts performed by Seller's authorized service personnel. Authorized service agencies are located in principal cities throughout the contiguous United States, Alaska and Hawaii. This warranty is valid in the 50 United States and is void elsewhere unless the product is purchased through Middleby International with warranty included.

The foregoing warranty is exclusive and in lieu of all other warranties, expressed or implied. There are no implied warranties of merchantability or of fitness for a particular purpose.

The foregoing warranty shall be Seller's sole and exclusive obligation and Buyer's sole and exclusive remedy for any action including breach of contract or negligence. In no event shall Seller be liable for a sum in excess of the purchase price of the item. Seller shall not be liable for any prospective or lost profits of Buyer.

MIDDLEBY MARSHALL INC. OVEN LIMITED WARRANTY (Non U.S.A.)

The seller warrants equipment manufactured by it to be free from defects in material and workmanship for which it is responsible. The Seller's obligation under this warranty shall be limited to replacing or repairing at Seller's option, without charge, F.O.B. Seller's factory, any part found to be defective and any labor and material expense incurred by Seller in repairing or replacing such part, such warranty to be limited to a period of one year from date of original installation or 15 months from date of shipment from Seller's factory, whichever is earlier, provided that terms of payment have been fully met. All labor shall be performed during regular working hours. Overtime premium will be charged to the Buyer.

This warranty is not valid unless equipment is installed, started, and demonstrated under the supervision of a factory certified installer.

Normal maintenance functions, including lubrication, adjustment of airflow, thermostats, door mechanisms, microswitches, burners and pilot burners and replacement of light bulbs, fuses and indicating lights, are not covered by warranty.

Any repairs or replacements of defective parts shall be performed by Seller's authorized service personnel. Seller shall not be responsible for any costs incurred if the work is performed by other than Seller's authorized service personnel

When returning any part under warranty, the part must be intact and complete, without evidence of misuse or abuse, freight prepaid.

Seller shall not be liable for consequential damages of any kind which occur during the course of installation of equipment, or which result from the use or misuse by Buyer, its employees or others of the equipment supplied hereunder, and Buyer's sole and exclusive remedy against Seller for any breach of the foregoing warranty or otherwise shall be for the repair or replacement of the equipment or parts thereof affected by such breach.

The foregoing warranty shall be valid and binding upon Seller if and only if Buyer loads, operates and maintains the equipment supplied hereunder in accordance with the instruction manual provided to Buyer. Seller does not guarantee the process of manufacture by Buyer or the quality of product to be produced by the equipment supplied hereunder and Seller shall not be liable for any prospective or lost profits of Buyer.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES WHATSOEVER. SPECIFICALLY THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE.

The foregoing shall be Seller's sole and exclusive obligation and Buyer's sole and exclusive remedy for any action, whether in breach of contract or negligence. In no event shall seller be liable for a sum in excess of the purchase price of the item.

TABLE OF CONTENTS

		page				page
SECTIO	N1-DESCRIPTION		SECTIO	N3-0	OPERATION	3-1
l.	OVENSPECIFICATIONS	1-1	l.	LO	CATION AND DESCRIPTION OF CONTRO	∟S 3-1
	A. Physical Specifications	1-1		A.	BLOWER Switch	3-1
	B. General Specifications	1-1		B.	HEAT Switch	3-1
	C. Electrical Specifications	1-1		C.	CONVEYOR Switch	3-1
	D. Gas Orifice and Pressure Specifications	1-1		D.	Digital Temperature Controller	3-1
II.	OVENUSES	1-2		E.	Conveyor Speed Display	3-1
III.	OVENCOMPONENTS	1-2		F.	Conveyor Speed Adjustment Knob	3-1
	A. Conveyor Drive Motor	1-2		G.	Conveyor Speed Controller	3-1
	B. Air Fingers	1-2		H.	Machinery Cpt. Access Panel Safety Switc	h 3-1
	C. Conveyor	1-2	II.	NO	RMAL OPERATION, STEP-BY-STEP	3-2
	D. Window	1-2		A.	Daily Startup Procedures	3-2
	E. Oven Data Plate	1-2		B.	Daily Shutdown Procedures	3-2
	F. Crumb Pans	1-2	III.	QU	ICK REFERENCE: BAKETIME	3-3
	G. Control Panel	1-2	IV.	QU	ICKREFERENCE: DIGITAL TEMP CONTR	OL 3-3
	H. Machinery Compartment Access Panel	1-2	V.	QU	ICKREFERENCE: TROUBLESHOOTING.	3-4
	I. End Panels	1-2				
	J. Conveyor End Stop	1-2	SECTIO	N4-I	MAINTENANCE	4-1
	K. Conveyor Extension Covers	1-2	l.	MA	INTENANCE-DAILY	4-2
	L Gas Burner	1-2	II.	MA	INTENANCE-MONTHLY	4-3
	M. Blowers	1-2	III.	MA	INTENANCE-EVERY3MONTHS	4-4
	N. Cooling Fans	1-2	IV.	MA	INTENANCE-EVERY6MONTHS	4-4
SECTIO	N2-INSTALLATION	2-1	SECTIO	N5-E	ELECTRICAL SCHEMATICS	4-1
l.	INSTALLATION KIT		l.		RING DIAGRAM, PS360/PS360WB	
II.	TRANSITION CHAMBER COMPONENTS	2-2			ndem & Double Tandem Ovens	4-1
III.	VENTILATION SYSTEM	2-3	II.	WII	RING DIAGRAM, PS360/PS360WB	
	A. Requirements				Tandem & Quad Tandem Ovens	4-2
	B. Recommendations					
	C. Other Ventilation Concerns					
IV.	THERMOCOUPLE INSTALLATION	2-4				
V.	ASSEMBLY	2-5				
	A. Oven Stand	2-5				
	B. Joining the Oven Bodies	2-5				
	C. Installing the Center Transition					
	D. Installing the Conveyor Frame and Belt					
VI.	ELECTRICAL SUPPLY					
VII.	GAS SUPPLY	2-13				
	A. Connection	2-13				
	B. Gas Conversion	2-14				