



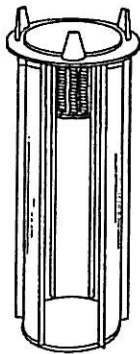
Atlas Metal
INDUSTRIES, INC.

SELF-LEVELING DISPENSERS

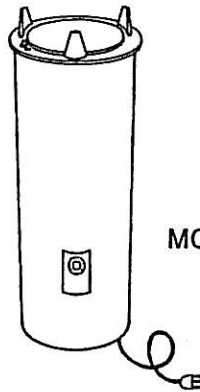
DROP-IN PLATE DISPENSERS

MODEL PD- Unheated Drop-In
Open Tube
MODEL PDS - Unheated Drop-In
Shielded Tube
MODEL PDH - Heated Drop-In
Shielded Tube

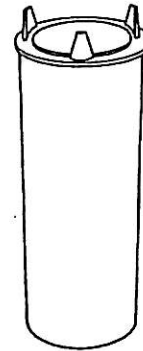
OPERATION, INSTALLATION AND MAINTENANCE MANUAL



MODEL PD



MODEL PDH



MODEL PDS



WARNING: READ INSTRUCTIONS COMPLETELY BEFORE OPERATION AND INSTALLATION AND MAINTENANCE OF YOUR DISPENSER.

NOTE: EACH SECTION OF THIS MANUAL IS PRECEDED BY "WARNING" THAT INDICATE SOME EXTRA PRECAUTIONS THAT MUST BE TAKEN IN THE OPERATION INSTALLATION & MAINTENANCE OF YOUR DISPENSER.

WARNING: INSPECT DISPENSER CAREFULLY FOR MECHANICAL OR ELECTRICAL DAMAGE.

The PD-Series is shipped with springs preset for the average plate, however, if further adjustments are required the dispenser is equipped with three different groups of springs that allow fine tuning of your dispensing levels. The springs are coded as follows:

"Heavyweight"	largest diameter	(silver)
"Mediumweight"	smaller diameter	(black)
"Lightweight"	smaller diameter	(silver) "fine tuning"

When adjusting springs, always completely disengage unused springs and place in spring storage area. To achieve a smooth operating dispenser, try and use the same number of springs per section.

WARNING: NEVER REMOVE SPRINGS WHEN EXTENDED:

- (1) Personal injury can result if spring fully disengages from dispenser.
- (2) Damage to the spring can result.

OPERATION/SPRING ADJUSTMENT:

To begin for models PDS and PDH remove outer sleeve before adjusting. Stand dispenser on floor protecting power cord from damage, and begin loading plates. Load plates one at a time to determine comfortable dispensing height. For dispensing, TOP PLATES WHEN LOADED SHOULD BE ABOVE THE TOP FLANGE, BUT NOT HIGHER THAN THE GUIDE POSTS. After several plates have been loaded into the dispenser, a visual check can determine if dispensing height is correct.

- (a) if dispensing level remains at a constant height above the top flange, and not higher than the guide posts, when plates are loaded dispenser requires no further adjustment.
- (b) if dispensing level only rises above the guide post when plates are loaded, adjustment is required, begin to remove one of the same type of spring from each section to lower dispensing level to correct height.
- (c) if dispensing level drops below the top flange when plates are loaded again adjustment is required, begin to add springs one per section, from spares provided with dispenser.

DROP-IN PLATE DISPENSERS

MODEL PD-	Unheated Drop-In Open Tube
MODEL PDS -	Unheated Drop-In Shielded Tube
MODEL PDH -	Heated Drop-In Shielded Tube

OPERATION/INFORMATION

INSTALLATION:

The PD-Series shall be self supporting, using a formed stainless steel flange welded to the support structure and bottom plate. This dispenser is designed to drop into a counter cut-out (see pg. #4)

WARNING: NOTE: FOLLOWING PRECAUTIONS WHEN INSTALING

NOW THAT SPRING ADJUSTMENTS ARE COMPLETE, REMOVE PLATES AND ...

- (1) verify height and diameter clearance where dispenser is to be installed to avoid damage to the power cord (see pg. #4).
- (2) verify that a properly grounded electrical circuit is provided with correct voltage and amperage rating (see rating label).
- (3) install dispenser in accordance with national and local electrical codes.

OPERATION/ADJUSTMENT:

If plates in your dispenser appear to "STICK" in a down position, normally this is not the result of weak springs, but a mechanical problem caused by one fo the follwoing.

- (1) plates are binding or catching due to incorrect size of plates.
- (2) foreign object(s) in dispenser causing it to "STICK."
- (3) dispenser has been incorrectly assembled after cleaning.

WARNING: DO NOT PLACE HAND(S) IN THE DISPENSER TO "UN-STICK" AS PRES-SURE COULD SUDDENLY RELEASE CAUSING INJURY.

USE THE FOLLOWING PROCEDURE TO "UN-STICK" DISPENSER.

NOTE: HEATED MODELS, TURN POWER SWITCH TO OFF POSITION AND DISCONNECT FROM ELECTRICAL SOURCE.

- (1) Carefully reload plates to relieve upward spring tension.
- (2) Dispenser must be removed from counter.
- (3) With load secured, use a tool to inspect dispenser to determine the cause of the problem and to correct it.
- (4) Carefully unload dispenser to check for smooth operation, and inspect thoroughly.
- (5) If further repairs are required, disengage all springs to avoid personal injury and/or damage to springs.

WARNING: CLEANING INSTRUCTIONS.

HEATED MODELS:

TURN POWER SWITCH TO OFF POSITION

ALLOW ADEQUATE COLL DOWN TIME BEFORE CLEANING.

DO NOT EXPOSE ELECTRICAL COMPONENTS TO MOISTURE.

DO NOT IMMERSE DISPENSER IN WATER.

TO CLEAN, WIPE DISPENSER THOROUGHLY WITH DAMP CLOTH AND MILD SOAP SUITABLE FOR FOOD CONTACT ZONES. NO ABRASIVES."

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GENERAL INFORMATION

TROUBLE SHOOTING:

MECHANICAL:

plates	high-low	See spring adjustment.
plates	"STICKING"	See operation adjustment.

ELECTRICAL:

high/low heat	adjust thermostat
no heat	verify correct voltage at power source verify power switch in on position verify circuit breaker in on position

UPON VERIFICATION AND PROBLEM PERSISTS?

PUT DISPENSER OUT OF SERVICE. CALL FACTORY FOR SERVICE AUTHORIZATION. USE LICENSED QUALIFIED SERVICE PERSONNEL ONLY!

PARTS LIST

DESCRIPTION	PART #	DESCRIPTION	PART #
ON-OFF SWITCH	117-1	DISPENSER HEADS	
SWITCH COVER	117-2	PD-5	LM2964-A02
THERMOSTAT	2047	PD-5 3/4	LM2965-A02
IND. LIGHT	1100-3	PD-6 1/2	LM2966-A02
CORDSET	1006-3	PD-7 1/4	LM2967-A02
PLATE GUIDE	119-0001	PD-8 1/8	LM2968-A02
SPRING "HEAVY"	103-0929	PD-9 1/8	LM2969-A02
SPRING "MEDIUM"	103-0928	PD-10 1/8	LM2970-A02
SPRING "LIGHT"	103-0927	PD-12	LM2972-A02
HEATING ELEMENT (120v)			
PDH-5	111-1211	PDH-8 1/8	111-1215
PDH-5 3/4	111-1212	PDH-9 1/8	111-1044
PDH-6 1/2	111-1213	PDH-10 1/8	111-1216
PDH-7 1/4	111-1214	PDH-12	12-1217

SPECIFICATIONS

MODEL PD (Unheated Drop-In Open Tube)

All plate dispensers shall be self-leveling drop-in as manufactured by ATLAS METAL INDUSTRIES INC. The basic unit shall be constructed of 300 series stainless steel. The counter top flange has three high impact molded plastic guide posts to keep plate properly aligned. Self-leveling spring mechanism is easy to field adjust to accommodate different weights of plates. A combination of extension springs will be provided for field adjusting to the required self-leveling height. The drop-in plate dispenser shall be self-supporting using a formed stainless steel top flange welded to the vertical channels and bottom disc. A stainless steel platform will be suspended from the extension springs and will support the stack of plates to be dispensed.

MODEL PDS (Unheated Drop-In Shielded Tube)

Same specifications as PD -- with an additional outer stainless steel shield which covers the vertical channel guides and spring mechanism.

MODEL PDH (Heated Drop-In Shielded Tube)

Same specifications as PD and PDS with the addition of a heating element mounted in the base and an adjustable thermostat located in a vertical side channel. A pilot light and on/off switch located in the top flange. A six foot 3-wire cordset is (nema) 5-15p for 120V dispensers.

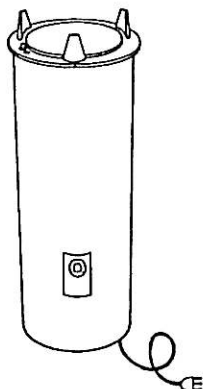
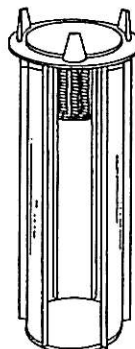
DROP-IN PLATE DISPENSERS

- MODEL PD- Unheated Drop-In Open Tube
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- MODEL PDH - Heated Drop-In Shielded Tube

SPECIFICATIONS

UNHEATED DROP-IN OPEN TUBE

MODEL NO.	MAX PLATE SIZE	OUTSIDE FLANGE DIA.	CUT-OUT DIA.	SHIPPING WEIGHT LBS.
PD-5	5"	8-3/8"	7-3/4"	10 LBS.
PD-5-3/4"	5-3/4"	9-1/8"	8-1/2"	11 LBS.
PD-6-1/2	6-1/2"	9-7/8"	9-1/4"	12 lbs.
PD-7-1/4	7-1/4"	10-5/8"	10"	14 lbs.
PD-8-1/8	8-1/8"	11-1/2"	10-7/8"	15 lbs.
PD9-1/8	9-1/8"	12-1/2"	11-7/8"	17 lbs.
PD-10-1/8	10-1/8"	13-1/2"	12-7/8"	19 lbs.
PD-12	12"	15-3/8"	14-3/4"	22 lbs.

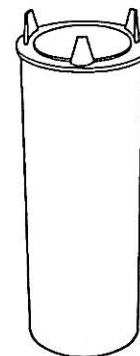


UNHEATED DROP-IN SHIELDED TUBE

MODEL NO.	MAX PLATE SIZE	OUTSIDE FLANGE DIA.	CUT-OUT DIA.	SHIPPING WEIGHT LBS.
PD-5	5"	8-3/8"	7-3/4"	15 lbs.
PDS-5-3/4"	5-3/4"	9-1/8"	8-1/2"	17 lbs.
PDS-6-1/2	6-1/2"	9-7/8"	9-1/4"	18 lbs.
PDS-7-1/4	7-1/4"	10-5/8"	10"	20 lbs.
PDS-8-1/8	8-1/8"	11-1/2"	10-7/8"	22 lbs.
PDS9-1/8	9-1/8"	12-1/2"	11-7/8"	24 lbs.
PDS-10-1/8	10-1/8"	13-1/2"	12-7/8"	27 lbs.
PDS-12	12"	15-3/8"	14-3/4"	31 lbs.

HEATED DROP-IN SHIELDED TUBE

MODEL NO.	ELEC @ 120V IPH		MAX PLATE SIZE	OUTSIDE FLANGE DIA.	CUT-OUT DIA.	SHIPPING WEIGHT LBS.
	WATTS	AMPS				
PD-5	210	1.7	5"	8-3/8"	7-3/4"	18 lbs.
PD-5-3/4"	240	2.0	5-3/4"	9-1/8"	8-1/2"	20 lbs.
PD-6-1/2	270	2.2	6-1/2"	9-7/8"	9-1/4"	22 lbs.
PD-7-1/4	300	2.5	7-1/4"	10-5/8"	10"	24 lbs.
PD-8-1/8	330	2.7	8-1/8"	11-1/2"	10-7/8"	26 lbs.
PD9-1/8	380	3.1	9-1/8"	12-1/2"	11-7/8"	28 lbs.
PD-10-1/8	420	3.5	10-1/8"	13-1/2"	12-7/8"	31 lbs.
PD-12	500	4.1	12"	15-3/8"	14-3/4"	35 lbs.



HEATED DISPENSERS

The PDH model heating system has 120v single phase heating capacity, 208v and 240v when specified. The components are a push button on-off switch, indicator light, and adjustable thermostat. The six foot 3-wire cordset is NEMA 5-15P for 120v dispensers. The dispenser is enclosed with 24 gauge stainless steel sleeve.

WIRING DIAGRAM

