NEWTON SERVER FRAME (NSF84)

**The information contained in this drawing is the sole property of Newton Instrument Company Inc. (NIC). Any reproduction in part or whole without the written permission of NIC is prohibited.**

**Cage Nuts (bags of 50) are sold separately.**

**Ordering Table**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>2223780000</td>
<td>6mm</td>
</tr>
<tr>
<td>2223780100</td>
<td>12-24</td>
</tr>
<tr>
<td>2223780200</td>
<td>10-32</td>
</tr>
</tbody>
</table>

**NSF84 + AA + B + C + D + 47**

**NSF84: (7'-0" height)**

**AA = Depth of Cabinet**
- 24 = 24" deep
- 30 = 30" deep
- 36 = 36" deep
- 42 = 42" deep

**B = Fan Option**
- 0 = No fan, no cover
- 1 = no fan + cover
- 2 = 4 x 5" AC fans

**C = Door Options**
- 0 = No doors
- 1 = 2 x Single solid doors (small air slots bottom and top)
- 2 = 2 x Single perforated doors
- 3 = 2 x Double door assemblies (solid)

**D = Sides**
- 0 = No sides
- 1 = 2 x solid side covers (small air slots bottom and top)

**XX: Finish Code**
- 47 = Black
4-Post Frames

SHELF, VENTED, 4-POINT MOUNTING

Notes:
- Xx = finish code; standard finish, xx= 30.
- Vent holes shown are representative of entire shelf hole pattern.
- Mounting ears are adjustable on 1" centers.

VENTED SHELF, FIXED

ADJUSTABLE SHELF KIT FOR SERVER FRAME

Note:
- Approximately 17-1/2" wide

The information contained in this drawing is the sole property of Newton Instrument Company Inc (NIC). Any reproduction in part or whole without the written permission of NIC is prohibited.
4-Post Frames

**SERVER FRAME SHELF**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>22235401xx</td>
<td>19&quot;</td>
</tr>
</tbody>
</table>

**Notes:**
- Solid shelf
- 17-1/2" wide x 38" deep
- Cage nuts not included
- Mounting ears are adjustable on 1" centers

**SERVER FRAME SHELF, VENTED**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>22235402xx</td>
<td>19&quot;</td>
</tr>
</tbody>
</table>

**Notes:**
- Vented shelf
- 17-1/2" wide x 38" deep
- Cage nuts not included
- Mounting ears are adjustable on 1" centers
Notes:
- PATENT NO. 5,008,779
- XX= finish code; standard finish, xx=73 (beige). Other colors available upon request.
- Cabinet includes 8 adjustable shelves (fig. 006005) and two fixed shelves, creating eight storage spaces (refer to fig. 006009).
- Refer to accessories for additional shelves.
- Cabinet includes door lock.
- Cabinet is equipped with levelers on all four corners.
- Floor anchored (for hardware, refer to accessories).
- Each card shelf has 27 slots spaced on 5/8” centers and accepts cards up to 20” deep.
- Card guides contain electrostatic dissipative properties.
- Both dash numbers are form, fit and functionality identical. The riveted version is a cost effective alternative.

GENERAL INFORMATION; ADJUSTING UNIVERSAL SHELF

Notes:
- PATENT NO. 5,008,779
- Universal shelf fits all Newton universal card/storage cabinets.
- Shelf mounting slots are 3/4” apart. Shelf slides into slot and is held in place with two 8-32 self-tapping screws. From this fixed position, top of shelf with card guides will move 3/4” upward by sliding knobs to the right. With slots 3/4” apart and 3/4” fine adjustment, this cabinet will accept cards of all heights.
- Each card shelf has 27 slots spaced on 5/8” centers and accepts cards up to 20” deep.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>00600200xx</td>
<td>welded</td>
</tr>
<tr>
<td>00600250xx</td>
<td>riveted</td>
</tr>
</tbody>
</table>
UNIVERSAL CARD/STORAGE CABINET, 42" HEIGHT

Notes:
- PATENT NO. 5,008,779
- Xx= finish code; standard finish, xx=73 (beige). Other colors available upon request.
- Cabinet includes six adjustable shelves (fig. 006005) And two fixed shelves, creating 6 adjustable storage spaces. (Refer to fig. 006000).
- Refer to accessories for additional shelves.
- Cabinet includes door lock.
- Cabinet is equipped with levelers on all four corners.
- Floor anchored (for hardware, refer to accessories).
- Each card shelf has 27 slots spaced on 5/8" centers and accepts cards up to 20" deep.
- Card guides contain electrostatic dissipative properties.
4-Post Frames

CABINET, 26” H X 28” W X 15” D

Notes:
- Xx = finish code; standard finish, xx = 30.
- Includes solid front door, solid rear panel, and two louvered side panels.
- Reversible uprights for 19” or 23” equipment mounting.
- Floor or wall mountable. Mounting hardware not included.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Ordering</th>
</tr>
</thead>
<tbody>
<tr>
<td>21503900xx</td>
<td></td>
</tr>
</tbody>
</table>

Ground Strap

18-5/16

Or

22-5/16

21-1/2

16
**STABILIZING BRACKET INSULATION KIT FOR HALF AND FULL HEIGHT CABINET**

**Notes:**
- Insulator material is rated UL 94 V-1 and has an oxygen index rating of greater than 29.

**LEVELING FEET KIT**

**ADJUSTABLE SHELF**

**Notes:**
- PATENT NO. 5,008,779
- Standard finish is zinc plated and gold chromate.
- Adjustable shelf fits all Newton universal card/storage cabinets.
- To mount in cabinet, slide into slots along sides of cabinet. Self-tapping screws hold shelf in place. (Refer to 006000).
- Shelf will adjust up to 3/4" by moving knobs in slots (to the right - up, to the left - down); refer to 006000.

**FLAT SURFACE SHELF**

**Notes:**
- Standard finish is zinc plated and gold chromate.
- When flat storage is needed, order this shelf. Shelf fits all Newton universal card/storage Cabinets.
- Card guide slots are mounted on bottom of Shelf only.
- To mount in cabinet, slide into slots along sides of Cabinet. Self-tapping screws hold shelf in place.
MAGNETIC TAPE REEL STORAGE SHELF

Notes:
- Standard finish is zinc plated and gold chromate.
- Holds up to 14 10-1/2" tape reels of all cartridge types. Shelf fits all newton universal card/storage Cabinets.
- To mount in cabinet, slide into slots along sides of Cabinet. Self-tapping screws hold shelf in place.
- Tape reels not included.

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0060070010</td>
<td>1</td>
<td>shelf assembly</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>8-32 x 1/2 sts</td>
</tr>
</tbody>
</table>

CARD RETAINER

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0060090011</td>
<td>1</td>
<td>wire clip</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>8-32 x 1/2 sts</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>wire car retainer</td>
</tr>
</tbody>
</table>
**DRAWER ASSEMBLY**

### Stock List

- 1 drawer assembly
- 24 8-32 x 1/2" sts

### Notes:
- Xx = finish code; standard finish, xx = 73 (beige). Other colors available upon request.
- To mount in cabinet, slide into slots along sides of cabinet. Drawer fits all Newton universal card/storage cabinets.
- Card guide slots are mounted on bottom of fixed drawer housing.
- Drawer slides have stops located at full open position.

**DOCUMENT POCKET**

### Stock List

- 1 document pocket
- 68-32 x 1/2" sts

### Notes:
- Xx = finish code; standard finish, xx = 73 (beige).
- Document pocket is attached using sheet metal screws provided.
- Pocket is 9-1/2" w x 9" h x 1" d.

**FLOOR ANCHOR KIT**

### Stock List

- 4 3/8-16 x 6" threaded stud
- 4 3/8-16 hhn
- 4 3/8 flat washer
- 4 1/2 plain washer
- 4 3/8 lock washer
- 4 3/8-16 expansion shield

### Notes:
- Standard finish is zinc plated and gold chromate.
- Levelers remain functional when anchor kit is used.
### WALL MOUNTING KIT FOR RACK MOUNTED CABINET

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>wall anchor bracket</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>1/4-20 x 3/4 carriage bolt</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>1/4 x 20 flat washer</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>1/4-20 lock washer</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>1/4-20 hhn</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>wall mtg bracket</td>
</tr>
</tbody>
</table>

**Notes:**
- Xx= finish code; standard finish, xx= 73 (beige). Other colors available upon request.
- Wall attachment hardware is ordered separately (refer to section 3000).
- For insulation kit refer to 006017.

### STABILIZING BRACKET FOR 36” OR 72” HEIGHT CABINET

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>wall anchor bracket</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>1/4-20 x 3/4 carriage bolt</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>1/4-20 flat washer</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>1/4-20 lock washer</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>1/4-20 hhn</td>
</tr>
</tbody>
</table>

**Notes:**
- Xx= finish code; standard finish, xx= 73 (beige). Other colors available on request.
- Wall attachment hardware is ordered separately.
- For insulation kit refer to 006018.

### FLOOR INSULATION KIT

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>insulator pad</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>bushings</td>
</tr>
</tbody>
</table>

**Notes:**
- Insulator material is rated u.L. 94 V-1 and has an oxygen index of greater than 29.