○ BRACKET MOUNTED OPERATOR (RGJH SHOWN)

○ WALL MOUNTED (13" ADDITIONAL SIDEROOM)

DURA COIL

DURACOIL MODEL FF/SC/LC/AF/TP BETWEEN JAMBS MOUNT ABOVE Lintel MOTOR OPERATION.

DOORS SHALL BE ROLLING STEEL MODEL DURACOIL "STANDARD" (STANDARD SERVICE DOOR) AS MANUFACTURED BY RAYNOR GARAGE DOORS.

BRACKETS - STEEL PLATES MIN. 3/16"(4.8mm) THICK BOLTED TO GUIDES FOR MOUNTING CURTAIN AND BARREL ASSEMBLY. DRIVE SIDE BRACKET SHALL BE FITTED WITH A SEALED BALL BEARING FOR LONG LIFE.

BARREL - STRUCTURAL STEEL PIPE, MINIMUM 4-1/2"(114.3mm), .012" (.3mm) WALL THICKNESS AND DESIGNED TO LIMIT MAXIMUM DEFLECTION, UNDER LOAD, TO .03" (.76mm) PER FOOT OF SPAN.

SPRING COUNTERBALANCE - THE CURTAIN SHALL BE COUNTERBALANCED BY MEANS OF OIL TEMPERED, HELICAL SPRINGS, GREASE-PACKED AND MOUNTED ON A SINGLE CONTINUOUS STEM DESIGN. MOISTURE SPRINGS SHALL BE CONCESSIONEDorious DESIGN TO FACILITATE ANY COUNTERBALANCE MAINTENANCE. CAST IRON SPRING ANCHORS SHALL TRANSFER FULL SPRING LOADING TO THE BARREL.

HOOD - SHALL BE 24 GA COMMERCIAL QUALITY HOT-DIPPED GALVANIZED STEEL. HOOD TO HAVE ROLLED EDGES TO PROVIDE RIGIDITY.

GUIDES - STRUCTURAL STEEL ANGLES, MIN. 3/16"(4.8mm) THICK. TOP OF GUIDE ANGLES FLARED AND PROVIDED WITH 4 REMOVABLE CURTAIN STOPS.

WIND LOAD - 20 LB./SQ. FT. STANDARD. UNLESS OTHERWISE NOTED.

MODEL FF/SC/LC
CURTAIN - INTERLOCKING SLATS ROLFORMED FROM COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-80) STEEL PER ASTM A-553. EACH SLAT SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLFORMING. MALLEABLE IRON GALVANIZED ENDLOCKS FASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER SLAT. ELIMINATES LATERAL MOVEMENT AND PREVENTS SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 2"X3"X3/16" (50.8mmX50.8mmX4.8mm). SINGLE CONTACT BOTTOM ASTRAGAL.

MODEL IF
CURTAIN - INSULATED, INTERLOCKING SLATS ROLFORMED FROM COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-80) STEEL PER ASTM A-553. EACH SLAT SHALL HAVE A 3/4" (19.1mm) THICK POLYISO FOAMBOARD CORE PLACE WITHIN THE FULL LENGTH OF THE SLAT. BACKING COVER TO BE 24GA. HOT-DIPPED GALVANIZED STEEL. FINISH SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLFORMING. MALLEABLE IRON GALVANIZED ENDLOCKS FASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER ENDLOCK. ELIMINATES LATERAL MOVEMENT AND PREVENTS THE SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 2"X3"X3/16" (50.8mmX50.8mmX4.8mm). THE CURTAIN "H" VALUE IS .106 AND THE R Value IS 6.26. (SPECIFICATIONS REFLECT CALCULATED CHARACTERISTICS OF CORE MATL).

MODEL FP
CURTAIN - SHALL CONSIST OF INTERLOCKING FLAT SLATS ROLFORMED FROM NOT LESS THAN 22GA. COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-90) STEEL. EACH SLAT SHALL BE PUNCHED WITH A SERIES OF HOLES ALONG THEIR ENTIRE LENGTH, PROVIDING 3% OPEN AREA PER SQUARE FOOT OF DOOR. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 2"X3"X3/16" (50.8mmX50.8mmX4.8mm). SINGLE CONTACT BOTTOM ASTRAGAL.

○ LOCKING - SLIDE BOLT TO ENGAGE GUIDE WITH PROVISION FOR PADLOCK (PADLOCK BY OTHERS). QUANTITY REQUIRED.

○ LOCKING - FIVE PIN TUMBLER CYLINDER WITH LOCK BARS TO ENGAGE THE GUIDE. QUANTITY REQUIRED.

LOCK - OPERABLE FROM INTERIOR ONLY.

LOCK - OPERABLE FROM EXTERIOR ONLY.

LEFT HAND DRIVE (SHOWN) ○ RIGHT HAND DRIVE

"ELEVATION"
<table>
<thead>
<tr>
<th>Door Number</th>
<th>QTY</th>
<th>Opening Width</th>
<th>Opening Height</th>
<th>Model GA</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
<th>&quot;D&quot;</th>
<th>&quot;E&quot;</th>
<th>&quot;F&quot;</th>
<th>&quot;G&quot;</th>
<th>&quot;H&quot;</th>
<th>&quot;J&quot;</th>
<th>Mount Type</th>
<th>Oper</th>
<th>Drive Type</th>
<th>Jamb Type</th>
<th>Guide</th>
</tr>
</thead>
</table>

- **Slat Model "FF"**: 25/32" (19.7mm), 2 9/16" (55.1mm), 17/32" (13.5mm)
- **Slat Model "SC"**: 2 5/8" (68.6mm), 2 9/16" (55.1mm), 25/32" (19.7mm)
- **Slat Model "LC"**: 2 5/8" (68.6mm), 25/32" (19.7mm), 25/32" (19.7mm)
- **Slat Model "IF"**: 2 9/16" (55.1mm), 25/32" (19.7mm), 25/32" (19.7mm)
- **Slat Model "FP"**: 2 9/16" (55.1mm), 25/32" (19.7mm), 25/32" (19.7mm)

**Dimensions**:
- **DIM "C"**: 3" upset (76.2mm)
- **DIM "J"**: Dimensions as per diagram
- **Neoprene floor seal**: Dimensions as per diagram

**Textual Notes**:
- RAYNOR POWERHOIST BASIC (PBHR) 1/2 H.P., 115 VOLT, SINGLE PHASE
- RAYNOR POWERHOIST BASIC (PHBR) 1/2 H.P., 115 VOLT, SINGLE PHASE
- RAYNOR POWERHOIST STANDARD (RBJ) H.P., 115 VOLT, SINGLE PHASE
- RAYNOR POWERHOIST STANDARD (RBH) H.P., 115 VOLT, SINGLE PHASE
- RAYNOR POWERHOIST OPTIMA (RGG) H.P., 115 VOLT, SINGLE PHASE
- Wiring type—SR2 wiring, momentary contact open/close/stop, safety edge to reverse
- Wiring type—special (not available with PBHT operators), specify special wiring type
- Pneumatic safety edge to reverse
- Electric safety edge to reverse
- Cable take up reel
- Thru-beam photo eyes

**ANSI/A1325**: Requires the motor operator be mounted a minimum of 8" above the floor or guarding of the motor operator to prevent injury (guards by others).

**OPERATOR MNTG. PAD**
- (For wall mounted operators only)

**Guide Vinyl Seal**
- Dimensions as per diagram

**Neoprene Floor Seal**
- Dimensions as per diagram

**Rubber Hood Baffle**
- Dimensions as per diagram

**Guide Brush Seal**
- Dimensions as per diagram

**Lintel Brush Seal**
- Dimensions as per diagram

**Sheet 2 of 2**