



STANDARD MOTOR IS 3/4 HP, 120 VOLT, 60 HZ, SINGLE PHASE WITH KEY SWITCH & RECEPTACLE. MOTORS FOR OTHER POWER REQUIREMENTS ARE AVAILABLE. SEE SPECIFIC MOTOR SPECIFICATION DRAWINGS.

CAUTION: KEY SWITCH MUST BE LOCATED IN AN AREA THAT ALLOWS THE CURTAIN TO BE VISIBLE TO THE OPERATOR.

H	ERD	08-01-23
G	MJP	01/10/23
F	JJC	10-29-19
E	JJC	11/29/11
D	RWP	06/09/09
C	RWP	05/21/08
B	JJC	03/26/04
A	MJB	12/17/03
REV	BY	DATE



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### CURTAIN - FOLD UP

DRAWN CONNERLEY		DATE 4/22/2003	DATE ISSUED	
APPROVED		DATE		
SIZE <b>A</b>	SCALE NONE	SHT. NO. 1 OF 2	PART NO. <b>4020</b>	REV <b>H</b>



## MODEL 4020

### FOLD-UP DIVIDER CURTAIN

#### OVERHEAD SUPERSTRUCTURE

The model 4020 gym curtain is supported from the roof structure by directly attaching to the underneath side of the roof truss or by attaching to Uni-strut, 4/O Chain, or 3 1/2" OD horizontal and 2 3/8" OD vertical structural tubing supplied with the curtain. A welded bridge pipe may be required when truss spans exceed 14'. Superstructure shall be furnished with a powder coat finish.

#### MATERIAL

The lower section height to be specified at time of order, shall be solid 19 oz. or 22 oz. polyester reinforced, fire retardant (meeting ASTM E-84 Class A rating with 25 Flame Spread and 450 Smoke Development as well as NFPA-701) and mildew resistant vinyl fabric. Seams shall be electronically welded with a full contact weld. A padded pocket shall be formed in the bottom edge of the curtain to accommodate a 1-7/8" O.D. bottom support pipe. Upper portion of curtain shall be a 9-oz vinyl coated polyester mesh. A pocket shall be formed in the top edge to accommodate a 1-7/8" O.D. top support pipe. Curtain shall stop 2" above the finish floor and can be specified all mesh, all vinyl or any combination in between.

#### DRIVE / SUPPORT STRUCTURE

The electric curtain hoist supplied shall drive a continuous 2-3/8" O.D. drive shaft. The curtain shall be lifted by means of 1/8" galvanized aircraft cable. Lift cables shall be spaced at no greater than 12'-0" center to center. The cable shall pass through grommets in the vinyl fabric spaced 24" center to center and be taken up on individual reels located on the drive shaft. Taller curtains may use D-rings to gather and lift the fabric.

The drive shaft shall be supported by a carrier assembly spaced no greater than 12'-0" center to center. The carrier shall consist of a formed bracket with two rubber wheels on which the drive shall rotate.

Compatible 120 volt, single phase hoists are models 4102, 4102-1HP, 4002, 4002-1HP, and 4103. Hoist are available in various voltages. Hoists include limit switch control. Motors shall utilize a flush mounted keyed switch to raise and lower the divider curtain. Key switch shall be located so that curtain is in full view of authorized operator at all times.

#### ACCESSORIES

TSC Total System Control

1199/1198 Wireless Remote Control.

4015 Alarm Kit, Audible/Strobe 120v 1ph

1108 Curtain Lock

Subject to design change and current manufacturing practices.