

# SPECIFICATIONS GUIDE

## Imperial Satellite Assemblies (ISA)

### SATELLITES (ISAX-RBX-XX/Options)

#### FRONT ENTRY ENCLOSURES (UL APPROVED)

<u>IMPERIAL ASSEMBLY CODE</u>	<u>SS ENCLOSURE DIMENSIONS</u>	<u>MANUFACTURER</u>	<u>TYPE</u>
ISA1	18"W x 36"H x 12" D	STRONG BOX	SB18-SS PEDESTAL
ISA2	18"W x 36"H x 24" D	STRONG BOX	SB18D-SS PEDESTAL
ISA3	24"W x 36"H x 12" D	STRONG BOX	SB24-SS PEDESTAL
ISA4	24"W x 36"H x 24" D	STRONG BOX	SB24D-SS PEDESTAL
ISA8	36"W x 36"H x 12" D	STRONG BOX	SB36-SS PEDESTAL

#### \*ELECTRIC METER/CONTROLLER ENCLOSURE (UL APPROVED)

<u>IMPERIAL ASSEMBLY CODE</u>	<u>STAINLESS STEEL ENCLOSURE</u>	<u>MANUFACTURER</u>	<u>TYPE</u>
ISA5A (100/100 AMP – 1 PH)	18"W x 52"H x 20" D + 18" x 52"	STRONG BOX	SB-1852SS PEDESTAL
ISA5B (100/150 AMP – 1 PH)	18"W x 52"H x 20" D + 18" x 52"	STRONG BOX	SB-1852SS PEDESTAL
ISA5C (100/200 AMP – 1 PH)	18"W x 52"H x 20" D + 18" x 52"	STRONG BOX	SB-1852SS PEDESTAL
ISA5D (100/100 AMP – 3 PH)	18"W x 52"H x 20" D + 18" x 52"	STRONG BOX	SB-1852SS PEDESTAL
ISA5E (200/200 AMP – 3 PH)	18"W x 52"H x 20" D + 18" x 52"	STRONG BOX	SB-1852SS PEDESTAL

#### ELECTRIC METER ENCLOSURES (NON-UL APPROVED)

<u>IMPERIAL ASSEMBLY CODE</u>	<u>STAINLESS STEEL ENCLOSURE</u>	<u>MANUFACTURER</u>	<u>TYPE</u>
ICA46	46"W x 57"H x 18" D	MYERS	MEUG46I-M100

\*Please consult your Imperial representative on proper specification of electrical meter type. In most cases, the ICA5A electrical meter will meet the electrical requirement needs.

#### TOP ENTRY ENCLOSURES (UL APPROVED)

<u>IMPERIAL ASSEMBLY CODE</u>	<u>STAINLESS STEEL ENCLOSURE</u>	<u>MANUFACTURER</u>	<u>TYPE</u>
ISA6	16"W x 38"H x 15.5" D	STRONG BOX	SB-16SS PEDESTAL
ISA7	24"W x 38"H x 17" D	STRONG BOX	SB-22SS PEDESTAL

#### WALL MOUNT ENCLOSURES AND BACKBOARDS (UL APPROVED)

<u>IMPERIAL ASSEMBLY CODE</u>	<u>STAINLESS STEEL ENCLOSURE</u>	<u>MANUFACTURER</u>	<u>TYPE</u>
ISA10	16"W x 32"H	STRONG BOX	BACKBOARD – WALL MOUNT
ISA11	22"W x 32"H	STRONG BOX	BACKBOARD – WALL MOUNT
ISA16	18"W x 36"H x 12" D	STRONG BOX	SB-18SSW WALL MOUNT ENCL.
ISA17	24"W x 36"H x 12" D	STRONG BOX	SB-24SSW WALL MOUNT ENCL.

# ISA SPECIFICATIONS GUIDE (cont.)

## LITE DUTY ENCLOSURES (UL APPROVED)

<u>IMPERIAL ASSEMBLY CODE</u>	<u>STAINLESS STEEL ENCLOSURE</u>	<u>MANUFACTURER</u>	<u>TYPE</u>
ISA12	16.75"W x 30"H x 8.25"D	STRONG BOX	LD-16SW WALL MOUNT
ISA13	16.75"W x 30"H x 8.25"D	STRONG BOX	LD-16SSW PEDESTAL
ISA15	17 1/2"W x 34 1/2"H x 11 1/2" D	STRONG BOX	LD-16 TOP ENTRY PEDESTAL

## CONTROLLERS

<u>MANUFACTURER</u>	<u>MANUFACTURER CODE</u>	<u>CODE / MODELS</u>
Rain Bird	RB	1 = ESP- 2 Wire (12-40 sta.)    2 = ESP-Link (12-40 sta.)    3 = ESP-SITE (12-40 sta.) 4 = ESP-LX SITE (16-24 sta.)    5 = MDC Decoder (50-200 sta.)

## Options – Standard (For specific Options, please see *Options* Section of catalog)

<u>MODEL</u>	<u>CODE</u>	<u>DESCRIPTION</u>
110V. Surge Protection	SP	110V. electrical surge protection.
Master Valve Relay	MVR	Master Valve Relay (24V.)
Master Valve Power	MVP	Master Valve Power Assembly with variable timer.
Pump Start Relay	PSR	Pump Start Relay (24V.).
TRC Receiver Card	RCA	Receiver Card and Antenna.
TRC Remote Transmitter	RCX	TRC remote hand-held transmitter only.
TRC Remote Trans/Rec Kit	RECX	TRC remote transmitter and receiver kit – complete.
Mounting Pad for Enclosures	MP## (show size)	Mounting Pad base assemblies for Strong Box enclosures.

## SPREAD SPECTRUM RADIO

### Central to CCU

Spread Spectrum Radio w/ 7dB Ant.	SSRO-7	Spread Spectrum Radio with 7dB Gain Antenna
Spread Spectrum Radio w/ 7dB Ant.	SSROP-7	Spread Spectrum Radio with 7dB Gain Antenna and Pole
Spread Spectrum Radio w/ 3dB Ant.	SSRO-3	Spread Spectrum Radio with 3dB Gain Antenna
Spread Spectrum Radio w/ 3dB Ant.	SSROP-3	Spread Spectrum Radio with 3dB Gain Antenna and Pole
Spread Spectrum Radio w/ Whip	SSRW	Spread Spectrum Radio with Low dB Gain Whip Antenna

## 2-WIRE OPTIONS – (Specific)

MAXICOM Surge Pipe	MSP	MAXICOM communication cable Surge Protection
Flow Sensing Assemblies	FS / FS-XXX	1" – 6" Flow Sensor with Decoder and Transmitter
Satellite Rain Sensor	SRS / SRSE	Rain Sensor, Decoder, & Relay (SRSE incl. Stainless Enclosure)
Satellite Rain Gauge	SRG/SRGP	Rain Gauge, Dec, Transmitter – 1 per CCU Site (SRGP incl. Pole)

## LINK RADIO OPTIONS – (Specific)

Flow Sensing Assembly for Link Sat	LFS / LFSO-XXX	1" – 6" Flow Sensor with Transmitter only.
450 Mhz Radio and Dome Antenna	RLP	Radio, modem and LoPro Dome type Antenna.
450 Mhz Radio, Dome Ant. and CAM	RCLP	Radio, modem and LoPro Dome type Antenna and CAM
450 Mhz Radio and Omni Antenna	RO / ROP	Radio, modem and Omni type Antenna. (RMOP incl. Pole)
450 Mhz Radio and Whip Antenna	RW	Radio, modem and Whip type Antenna.
Cluster Adapter Module	CAM	Adapter for second Satellite connected to first radio satellite
Satellite Rain Sensor	LSRS / LSRSE	Rain Sensor, & Relay (SRSE incl. Stainless Enclosure)
Satellite Rain Gauge - Link Radio	LSRG / LSRGP	Rain Gauge, Transmitter – One per CCU Site (SRGP incl. Pole)