

# GENIUS GE-420LSR CONTROL

**Large LCD screen (4-1/2" x 2-1/2")**  
**6 HOT key pads**

4 Variable stages, 6amp c/w ability to boost 10 more amps by using GE-V1 or GE-V2 modules. Up to 11 inside probes and 1 outside.  
 15 or 20 2HP relay contactors for up to 20 cool stages, 12 heat, 8 clocks with 6 off/on cycles, 1 mist expandable to 6 for a total of 8 adding x1200 input board, 1 water input and **8 inlets**  
 (NOTE: each inlet requires 2 relays).  
 Up to 6 feed relays with 12 off/on cycles with optional current detection for alarm and feed history.  
 Up to 8 waterflush relay options



**GE-420 LSR**

Optional 0-10V board allows control of up to 2 chimney dampers using Belimo or any other 0-10V actuator, frequency drives or light slaves.

**Option light module GE-V4/S-4 for control of dusk to dawn light programs (designed for fluorescents, incandescent and LED's)**

Off/On toggle switches on all stages. Program features SolarWall Boost Logic, outdoor compensation, dehumidification logic, temperature and min speed curves, misting restriction times, night set point, water counter, natural ventilation, dual ventilation, tunnel logic to operate curtains and tunnel inlets.

Static pressure compensation requires GE-SP1/KIT

- Two light programs
- **CORE 2000 TECHNOLOGY**



**GE-V4/S**

PART #	MODEL #	DESCRIPTION
E53-9865	GE-415 LSR	4 VARIABLE, 15 OFF/ON, 1 PROBE INCLUDED
E53-9875	GE-420 LSR	4 VARIABLE, 20 OFF/ON, 1 PROBE INCLUDED
<b>REQUIRED ADDITIONAL ITEMS:</b>		
E53-4930	2004/10K	PROBE (ADD UP TO 11 PER CONTROL)
E53-5402	T-15-WD	SAFETY OVER-RIDE ( <b>3-4 RECOMMENDED</b> )
E53-9522	CM-512	CONFIGURATION CHIP ( <b>FOR UP LOADING &amp; DOWN LOADING SETTINGS</b> )
<b>OPTIONS:</b>		
E53-4670	RH-3	HUMIDITY PROBE
E53-4677		RED WIRE HARNESS <b>REQUIRED WITH RH-3</b>
E53-9055	750JLPRS	WATER METER C/W PULSE (3/4" CONNECTION)
E53-9287	GE-V4/S4	LIGHT MODULE - 4 OUTPUTS 1800 WATTS EA. W/ MAN OVER-RIDE
E53-9878	X1201	0-10V 2 OUTPUTS BOARD (FOR BELIMO ACTUATORS, LIGHTS)
E53-9830	X1202	PC COMMUNICATION BOARD
E53-9775	GE-V1	GE-V1 MODULE - 1 STAGE 10AMP BOOSTER
E53-9780	GE-V2	GE-V2 MODULE - 2 STAGE 10AMP BOOSTER
E53-9895	GE-SP1/KIT	STATIC PRESSURE PROBE
E53-9898A	CSD-1A	CURRENT DETECTION (FOR FEED LOGIC) <b>REQ 1 PER FEED RELAY</b>
E53-9827	X1200	9 INPUT BOARD (ADDS 7 WATER INPUTS)