Comparison of
WADSWORTH environmental controls

	STEP Up	juniper	EnviroSTEP	Seed 16	Seed

FEATURES

	STEP Up	juniper	EnviroSTEP	Seed 16	Seed
Number of controlled environments	1	1	1	1 - many	1 - many
Number of outputs or stages	6 stages: 2 heating stages, 4 cooling stages	6 stages: 2 heating stages, 4 cooling stages	12 outputs	16 expandable	24 expandable to many with Seed I/O
Manual override switch	Yes	Yes	Yes	Yes	Yes
Timed override	Yes	Yes	No	Yes	Yes
Setpoint time periods	3 (diunral option)	3 (diunral option)	3 (diunral option)	Unlimited (diunral option)	Unlimited (diunral option)
Display	Backlit LCD screen with full menu	Highly responsive touchscreen with Graphic User Interface	Backlit LCD screen with full menu	Highly responsive touchscreen with Graphic User Interface	Highly responsive touchscreen with Graphic User Interface
Logs and graphs	Yes temp only	Yes. Logs equipment, sensors and alarms	Yes. Logs equipment, sensors and alarms	Yes. Logs equipment, sensors and alarms	Yes. Logs equipment, sensors and alarms
App and Cloud	No	Yes	No	Yes	Yes
Equipment it controls	Heating & cooling	Heating & cooling	Most equipment	Any equipment	Any equipment
Fertigation management	No	No	No	Yes – with Anderson	Yes – with Anderson
Variable speed 0-10 VDC equipment	No	Limited	Limited	Yes	Yes
Factors in outdoor humidity	No	No	No	Yes	Yes
Grow lights	No	No	Limited	Yes	Yes
Mist control and Irrigation control	No	No	Limited	Yes	Yes
Optional equipment	• STEP Up Compass software • Sensaphone	• juniper software • Sensaphone	• Weather Station • STEPsaver software • Sensaphone • Sensors: soil temp, light, hot water, CO2	• 12-output Seed I/O Expansion • Sphere software • Weather Station • Sensaphone • 30+ sensor options including soil analyzer	• 12-output Seed I/O Expansion • Sphere software • Weather Station • Sensaphone • Sensors: soil, temp, light, hot water, CO2
Complete package	Includes: • Aspirated temp sensor • 100' of cable • Override or Contactor Panel	Includes: • Aspirated temp sensor • 100' of cable • Override or Contactor Panel	Includes: • Aspirated temp and RH sensor • 100' of cable	• Custom per project requirements	• Custom per project requirements

Find out more

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WADSWORTH
Control Systems