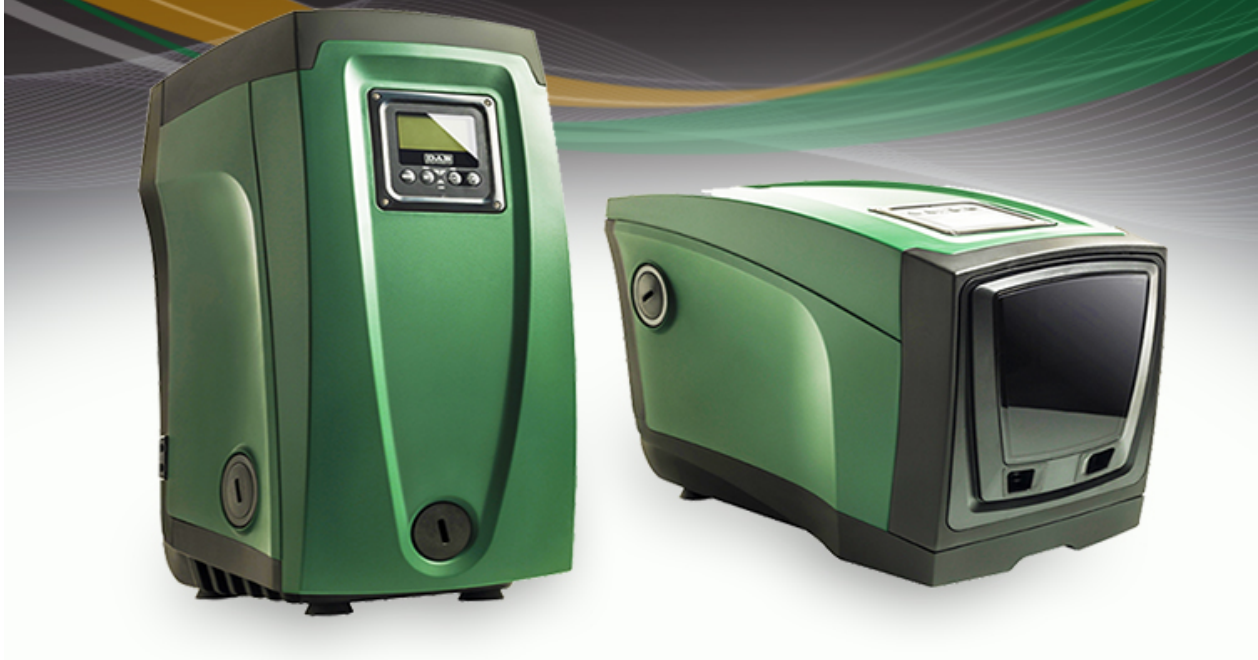


HERB'S SUPPLY TECH TALK

E.SYBOX PUMPS



The E.SYBOX pump line by DAB is one of the most popular pieces of equipment for hydroponic irrigation systems. Why? Because of their ease of use and automatic pressure control. The [E.SYBOX is a booster pump](#) with a complete control system (pump motor, pressure sensor, expansion tank and controls) built into a compact sleek enclosure. Their ability to accurately control output pressure which is inputted by the LCD interface panel on the front is what really sets the E.SYBOX apart from other pumps. The pump automatically ramps up and down pressure and will turn the motor on or off when triggered. Last year, DAB made a major improvement to their E.SYBOX line by releasing the D Connect wireless communications relay, allowing you to monitor and control your pumps remotely in real time.

We at Herb's Supply use the DAB E.SYBOX line in one of our common [fertigation systems](#). We install an E.SYBOX upstream of a [Dosatron water powered nutrient injection](#) system. As a [solenoid irrigation valve opens](#), it triggers the signal for the pump to build pressure and starts pumping flow through the [Dosatron](#) out to the irrigation zone. When the [solenoid valve](#) closes, the pump will shut off (ending a watering cycle). Herb's Supply has sold or installed systems like this for 50 plant caretaker gardens as well as 20,000 sqft commercial grow facilities, and it works equally well for grows both large and small.



The [E.SYBOX pumps](#) are a great choice but there are a couple of points to be aware of when making your selection. While the smaller E.SYBOX mini runs on 110V power, the larger E.SYBOX pump requires 230V power and you will need to have a proper electrical line. Keep in mind that the cost of running new electrical service. Also, these pumps were originally designed for boosting water pressure in residential and commercial buildings, so the pump head was not designed to pump abrasive particles or viscous nutrient additives.

[Need help sizing your pump or figuring out your fertigation setup?](#)

Give a call at 973-944-4940 or Sales@HerbsSupply.com, Herb's Supply is here and happy to help!