

AutoFlo® Introduces the Models SU-14 & SU-20.

The Latest Advance In Steam Humidifiers.

The new SU-14 & SU-20 high capacity, all stainless steel steam-type humidifiers are UL listed and designed specifically for today's low temperature heat pumps and electric forced air furnaces which do not generate sufficient heat to effectively operate evaporative type humidifiers. And both of these new AutoFlo humidifiers function just as efficiently with conventional type furnaces.

Since the SU models have their own heat source, they provide humidity with or without the aid of warm furnace air. The Model SU-14 provides water vapor output of 14 gallons per day and the Model SU-20 outputs 20 gallons per day. All electrical and water connections are made on a compact control module, conveniently mounted on an exterior panel. Additionally, both models feature a durable, space-saving stainless steel reservoir.

How the AutoFlo SU Models Work.

A remote humidistat actuates an incoloy heater element to heat the water in the reservoir. When the water temperature reaches 170°F., a built-in thermostat switch (N.O.) closes to activate the furnace blower and moist air is distributed



throughout the home. When the desired humidity is reached, the heater element is turned off. The furnace blower is turned off when the water cools.

Models SU-14 and SU-20 Install anywhere on the System.

The recommended installation location for the Model SU-14 and SU-20 is in the "Hot Air" plenum. However, these humidifiers may be installed in the "Cold Air" return when it is more convenient because both models have their own heat and water source. A humidistat may be mounted in the room or in the return air section of the system. (AutoFlo Humidistat Model 052000 or 062000.)

AutoFlo® Model SU 14 & SU 20 Steam Humidifiers... Perfect Companions For Heat Pump and Electric Forced Air Furnaces.

Specifications

Water Vapor Output

Model SU-14: 14 gallons per day
 Model SU-20: 20 gallons per day

Weight

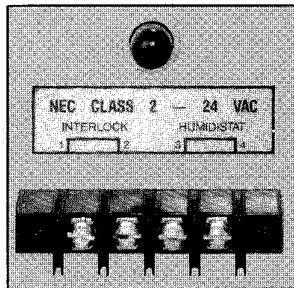
Model SU-14: 11 lbs.
 Model SU-20: 11 lbs.

Electrical

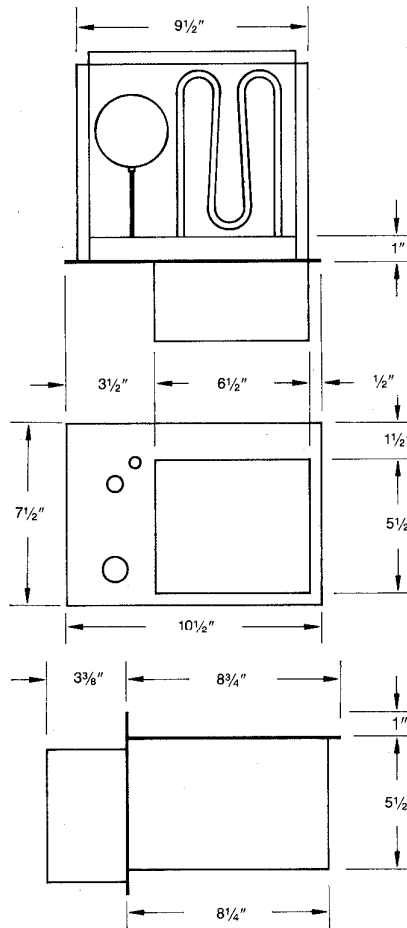
Model SU-14: 1.4 KW, 120 Volt
 11.7 amps

Model SU-20: 2.0 KW, 240 Volt
 8.3 amps

The SU Models feature a four-lug external low voltage terminal strip for interlock flexibility and easy connection to humidistat and system blower controls. The terminal strip supplies a switched 24 VAC and a separate N.O. terminal.



Dimensions



Plumbing

Saddle valve and water inlet with 1/4" compression fittings. The water level control is stainless steel and brass. Removable drain cap with valve. Overflow fittings accepts 5/8" I.D. automotive or dishwasher drain hose.

Under Duct Adaptor

To install on bottom of supply or return ducts, order adaptor No. 401930.

Model SU-14 and SU-20 Service Parts

Part No.	Description
401950	Heater Assembly, 120V, SU-14
401951	Heater Assembly, 240V, SU-20
401930	Under Duct Adaptor Assembly
401943	Drain Cap & Valve Assembly
1521	Ball Float/Valve Assembly
401494	Ball Float & Arm Assembly
401944	Low Level Float & Arm
401945	Low Level Float Assembly
1549	24 Volt Relay Assembly
401946	Transformer Assembly, 120V, SU-14
401947	Transformer Assembly, 240V, SU-20
1581-1	Water Temperature Switch Assembly

One-Year Limited Warranty

All parts of the AutoFlo® Humidifier are warranted to be free from defects in material and workmanship for a period of ONE (1) year from date of purchase as shown on purchaser's receipt.

AutoFlo will replace **free of charge**, during the normal warranty period any warranted part which proves defective in material and/or workmanship under normal installation, use and service. Replacement parts may be obtained by returning the part, **transportation charges prepaid**, to the Service Center. Any injury to this humidifier as a result of misuse, abuse, neglect, accident, improper installation, or any other use violative of instructions furnished by us, **will void the warranty**.

This warranty is limited to defective replacement parts only. Labor charges and/or damage incurred in installation or replacement, as well as incidental and consequential damages connected therewith, are excluded.

As some states do not allow the exclusion of limitation of incidental or consequential damages, the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. In the event of a problem with warranty service or performance, you may be able to go to a small claims court, a state court, or a federal district court.