



UNITED SPRAY BOOTHS Ltd.

**AIR MAKE-UP SYSTEMS
FOR SPACE HEATING AND SPRAY BOOTH APPLICATIONS**



Reliability, energy, efficiency, high quality and affordable prices are a must in today's HVAC environment. Twin Flow Air Systems Ltd. provide this by offering complete, ready-to-install units in several versions as well as large choice options. This enables the customer to select with the assistance of Twin Flow's engineering staff, the proper unit for the specific application, thus providing the most cost energy efficient unit available.

Twin Flow's direct fired air make up units have been designed to provide customers with a reliable air heating system, capable of providing from 4,000 CFM - 100,000 CFM of air (for applications out of this range, please contact Twin Flow).

Efficiency with 97%, clean combustion air. Specially designed profile plates and well mixed air before burner section for recirculating units are some of the advantages.

Upright and recalculating models as well as standard and optional performance and safety features, high quality parts and workmanship provide more reasons to utilize a Twin Flow Air Make Up Systems for your application.

UNITED SPRAY BOOTHS Ltd.

380 Bradwick Drive, Concord, Ontario, L4K 2W4

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Distributed By:



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ORDERING INFORMATION

Provide Twin Flow direct gas heaters as specified:

Model No. : TF.....
Capacity :CFM
E.S.P. : "W.C.
Discharge Temp. :F
Fuel :
El. Supply :V/.....Ph/.....Hz
Gas inlet press. :
Discharge :

CASING

Heater casing is fabricated of heavy duty 18 Gauge satin coated steel. Base frame is integral iron channel construction. The unit is equipped with large access doors that make the blower, motor, drives, burner and controls fully accessible. All units are insulated with 1" high quality insulation. Units are equipped with a water resistant control enclosure housing for all electrical controls and gas manifold. The units are painted with two-component epoxy coating.

BLOWER

Units are equipped with SWDI and DWDI forward curved centrifugal blowers, dynamically balanced, complete with a polished ground shaft. Drivers are adjustable to within 5% above or below midpoint r.p.m. up to 10 HP. On larger units, blowers are supplied with fixed drives.

BURNER

The units are fitted with high efficiency burners. Burners are direct fired. The velocity of the air stream is maintained between 1600 & 4500 FPM. The arrangement and shape of the air holes in the baffles attached to the burner casting provide the injection of proper combustion air at all rates of firing. Over 30 to 1 available. The burner section is manifolded individually to accomplish a desired capacity. These burners are brand name, precision built, sturdy, compact and maintenance free.

DAMPER

Units come complete with a two position, parallel blades, motorized inlet damper. Blades are roll formed, triple V groove 18 gauge galvanized steel with molded synthetic bearings. All dampers are sealed and low leak.

ELECTRICAL

Units are internally fully factory wired and tested. Units are equipped with non-fused disconnect switch in NEMA housing. Field wiring connections are easily made between the numbered terminal strips.

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