

DEALER STAMP



HARVEST INSTALLATIONS, UNIT E, NORTH YARD, THE BRENTS, FAVERSHAM, KENT ME13 7DZ

CHC

CHC



HARVEST INSTALLATIONS

Constant Humidity Controller™



British built to British standards

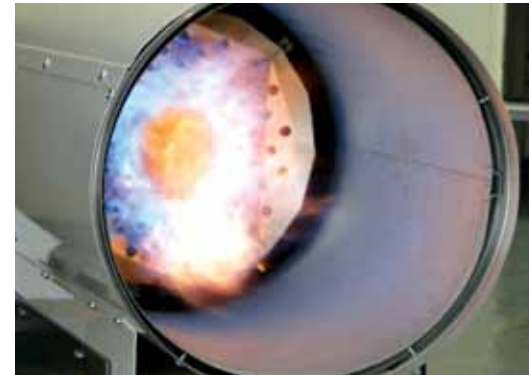
All Harvest equipment and components are manufactured to current regulations and each CHC unit carries the CE mark. Factory testing of every burner before packing and delivery ensures performance and safety from the very start.

High capacity

Onion conditioning and storage has meant the development of Harvest high capacity burners. Often assembled in multiples of two or three burners to accommodate the high airflows required.

Harvest CHC units can be supplied on one off specially designed and built support frames to allow ideal positioning on these oversize installations.

High heat output but with accurate and efficient control from the sensors placed in the main air tunnel. The combination that gives the majority of UK onion growers the confidence to use Harvest CHC burners for all their drying and conditioning needs.



Constant Humidity & Temperature Control Systems

A Harvest Constant Humidity Controller (CHC) gives you guaranteed drying conditions, 24hrs a day, every day.

The CHC system has a proven record of accuracy, efficiency and economy with thousands of units in use on all combinable crops and onions stores nationwide.

With a range of sizes from 200,000 to 4,000,000BTU/hr all using the same plate type burner head, independent burner fan and up to date electronics and controls, they have proved themselves for over 30 years.

Design

Fan performance is critical to the efficiency, low power consumption and low running noise of Harvest CHC units. The fans are carefully matched to each model in the range to achieve these goals.

Harvest's own designed and manufactured plate type burner head gives maximum output in a compact design, combined with highly efficient use of available fuel.

Accuracy is everything

The CHC control electronics are mounted in our purpose built housing. Incorporating a large display and simple controls for easy setting of the CHC unit.

The across the range control system modulates 7 stages of heat output to control store relative humidity or temperature. Levels of accuracy and performance as verified by independent testing bodies ensured efficient controlled drying without the fear of overdrying.



Product Specifications

MODEL	MAX. HEAT OUTPUT REQUIRED		MAX AIRFLOW IN C.F.M FOR GUARANTEED DRYING	MAX AIRFLOW IN C.F.M TO GIVE 30" LIFT
	BTU/HR	KW		
CHC20S	200,000	58.6	14,000	3900
CHC30S	300,000	87.9	21,000	5860
CHC35S	350,000	102.5	24,500	6830
CHC45S	450,000	131.8	31,500	8790
CHC60S	600,000	175.8	42,000	11720
CHC75S	750,000	219.7	52,500	14660
CHC100S	1,000,000	293	70,000	19530
CHC150S	1,500,000	439.5	105,000	29320
CHC200S	2,000,000	586	140,000	39060
CHC225S	2,250,000	659.2	157,500	43940
CHC250S	2,500,000	732.4	175,000	48820
CHC300S	3,000,000	879	210,000	58590
CHC350S	3,500,000	1025.5	245,000	68350
CHC400S	4,000,000	1172	280,000	78130

Options

Double and triple burners are available. Outputs increase accordingly.

Extras

Pair of transport wheels complete with axles.

Extension frames for Duplex and Triplex fans.

Manual heater control box.

Air pressure cut-off switch.

Dial indicating manometers.