

THIS DOCUMENT CONTAINS PROPRIETARY AND CONFIDENTIAL DATA OF AIR CONTROL TECHNOLOGY NO DISCLOSURE REPRODUCTION OR USE OF ANY PART THEREOF, MAY BE MADE WITHOUT WRITTEN PERMISSION OF THE COMPANY.

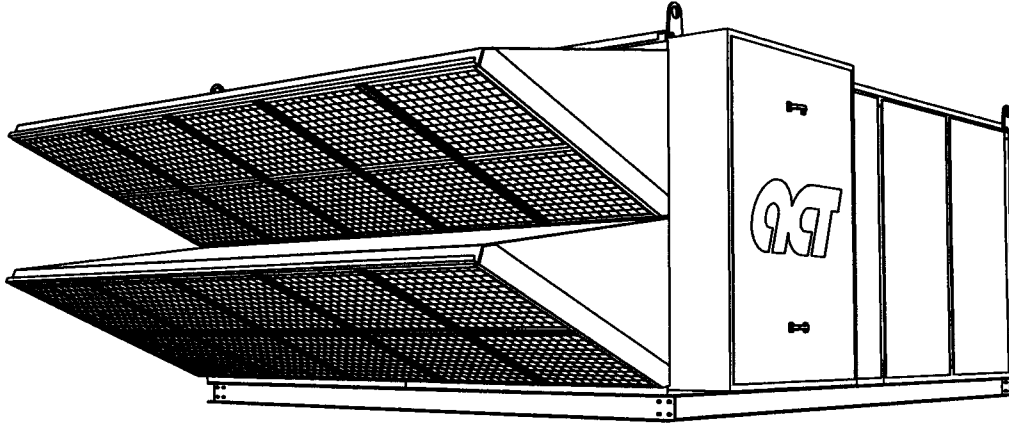
DIRECT FIRED MAKE-UP AIR HEATERS



**CERTIFIED FOR USE IN CANADA/USA
CERTIFICATE CEST A CANADA/USA**



AS PER/PAR STANDARD ANSI Z83.18B 1992 DIRECT INDUSTRIAL AIR HEATER
CAN 1-3.7-77 DIRECT GAS FIRED NON-RECIRCULATING MAKE-UP AIR HEATER



SIMPLE OPERATION

Outside air is drawn through the filter module and across the burner module where it is heated to comfort conditions. The blower then delivers the air to the occupied space.

HIGH EFFICIENCY

With the burner firing directly into the air stream, 100% of the net heat value of fuel is utilized.

COMPLETELY AUTOMATIC

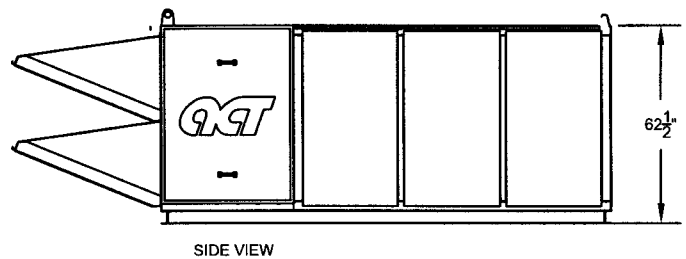
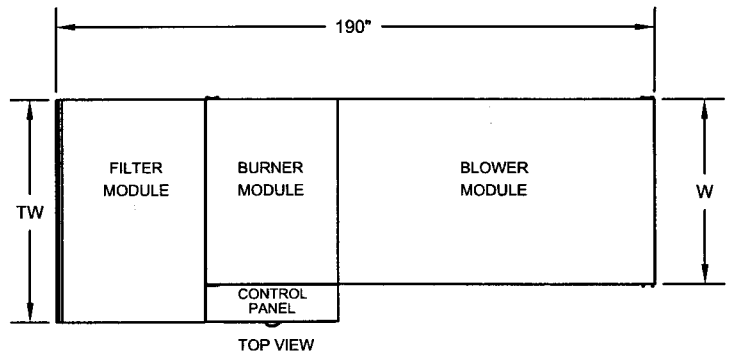
A thermostat automatically regulates the firing rate to provide constant make-up air temperature, regardless of the outside air temperature.

LOW MAINTENANCE AND INSTALLATION

Modular Design, absence of coils, heat exchangers and vents assures low shipment, installation and maintenance cost.

SIMPLE OPERATION

The character of the combustion products, together with their high degree of dilution in the large volume of fresh air being heated, makes direct firing with gas possible for make-up heating.



MODEL	W	TW
AA-2500	58.5"	70.5"
AA-22500	117"	117"
AA-32500	175.5"	188.5"

SPECIFICATIONS AND INFORMATION CONTAINED IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE.



3636 Hawkestone Road Toll Free: (800) 555-1302
Mississauga, Ontario L5C 2V2 Fax: (905) 949-0886
email: sales@aircontroltech.com
www.aircontroltech.com

REL. AUG.2002 CAT_2002/AMJ/AMU_CATI

DIRECT FIRED MAKE-UP AIR HEATERS

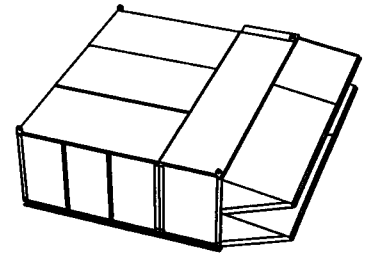
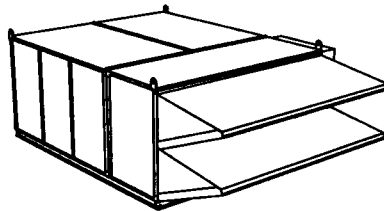
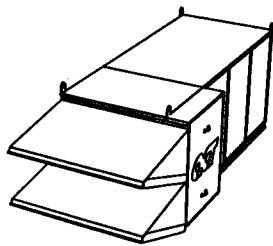
3636 Hawkestone Road
Mississauga, Ontario L5C 2V2

Toll Free: (800) 555-1302
Fax: (905) 949-0886

E-Mail: sales@aircontroltech.com
http://www.aircontroltech.com



THIS DOCUMENT CONTAINS PROPRIETARY AND CONFIDENTIAL DATA OF AIR CONTROL TECHNOLOGY. NO DISCLOSURE, REPRODUCTION OR USE OF ANY PART THEREOF, MAY BE MADE WITHOUT WRITTEN PERMISSION OF THE COMPANY.



PERFORMANCE SPECIFICATION

Imperial Units

MODEL	AA-2500				AA-22500				AA-32500			
AIR FLOW CAPACITY												
CFM	17,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000	55,000	60,000	70,000	80,000
FAN(S) QUANTITY AND SIZE												
	(1)-25/25	(1)-25/25	(1)-25/25	(2)-25/25	(2)-25/25	(2)-25/25	(2)-25/25	(2)-25/25	(3)-25/25	(3)-25/25	(3)-25/25	(3)-25/25*
OUTLET VELOCITY												
FPM	2507	2949	3686	2212	2580	2949	3318	3686	2703	2949	3441	3932
EXTERNAL STATIC PRESSURE / MOTOR HP												
F.A.	7.5	10.0	20.0	15.0	20.0	20.0	30.0	30.0	30.0	30.0	50.0	60.0
0.25" wc	7.5	10.0	20.0	15.0	20.0	20.0	30.0	40.0	30.0	30.0	50.0	60.0
0.5" wc	7.5	15.0	20.0	15.0	20.0	25.0	30.0	40.0	30.0	30.0	50.0	75.0
0.75" wc	10.0	15.0	20.0	15.0	20.0	25.0	40.0	40.0	40.0	40.0	50.0	75.0
1" wc	10.0	15.0	20.0	20.0	20.0	30.0	40.0	50.0	40.0	40.0	60.0	75.0
1.25" wc	15.0	15.0	25.0	20.0	20.0	30.0	40.0	50.0	50.0	50.0	60.0	75.0
1.5" wc	15.0	15.0	25.0	20.0	25.0	30.0	40.0	50.0	50.0	50.0	60.0	100.0
1.75" wc	15.0	20.0	25.0	25.0	30.0	30.0	40.0	50.0	50.0	50.0	75.0	100.0
2" wc	15.0	20.0	25.0	25.0	30.0	40.0	50.0	50.0	50.0	60.0	75.0	100.0
TEMPERATURE RISE / INPUT CAPACITY (MBH)												
60° F	1122	1320	1650	1980	2310	2640	2970	3300	3630	3960	4620	5280
70° F	1309	1540	1925	2310	2695	3080	3465	3850	4235	4620	5390	6160
80° F	1496	1760	2200	2640	3080	3520	3960	4400	4840	5280	6160	7040
90° F	1683	1980	2475	2970	3465	3960	4455	4950	5445	5940	6930	7920
100° F	1870	2200	2750	3300	3850	4400	4950	5500	6050	6600	7700	8800
110° F	2057	2420	3025	3630	4235	4840	5445	6050	6655	7260	8470	9680
GAS CONNECTION												
	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"	3"	3"	3"	3"	3"	3"

SPECIFICATIONS AND INFORMATION CONTAINED IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE.