

Micro IV Nomenclature

Hays Cleveland Division of UniControl Inc.

Base Model	Process Variable	Description	Analog/Digital I/O Count	Description	Sensor Selection	Description	Analog/Digital I/O Count	Control Output Selection	Description	Analog/Digital I/O Count	Common Options	Description	Analog/Digital I/O Count	Model Selection Options	Description				
5810-C0-	A01xx	Hot Water, Standard Enclosure 24x24x8	2 Digital Inputs per Boiler	xx=01	Analog I/O: 8 Inputs 2 Outputs Digital I/O: 11 Inputs 7 Outputs	B01	2.5" RTD	1 Analog Input	Cxx	xx=01 thru 12	On-Off Relays	1 Digital Output per Boiler	G0100		Outside Air Temp. Reset	1 Analog Input	H01xx	xx=01 thru 12	Manual Potentiometer
	A02xx	Steam, Standard Enclosure 24x24x8	2 Digital Inputs per Boiler	xx=02	Analog I/O: 8 Inputs 4 Outputs Digital I/O: 11 Inputs 7 Outputs	B02	4.5" RTD	1 Analog Input	Dxx	xx=01 thru 12	On-Off Relays w/ Low-High Firing	2 Digital Output per Boiler	G0200		Norm/Man Night Setback Switch	1 Digital Input	H02xx	xx=01 thru 12	Man/Auto Control Station
	A03xx	Hot Water, Oversize Enclosure 36x30x12	2 Digital Inputs per Boiler	xx=03	Analog I/O: 8 Inputs 6 Outputs Digital I/O: 11 Inputs 7 Outputs	B11	HC Sensor, 0-25 PSI	1 Analog Input	Exx	xx=01 thru 12	On-Off w/ 4-20MADC Modulation	1 Digital Output per Boiler 1 Analog Output per Boiler	G0300		Dual Set Point Selector Switch	1 Digital Input	H03xx	xx=01 thru 12	Firing Rate Bar Graph
	A04xx	Steam, Oversize Enclosure 36x30x12	2 Digital Inputs per Boiler	xx=04	Analog I/O: 8 Inputs 8 Outputs Digital I/O: 11 Inputs 7 Outputs	B21	Fox., 1-30 PSI	1 Analog Input	Fxx	xx=01 thru 12	On-Off w/ 135 Ohm Modulation	1 Digital Output per Boiler 1 Analog Output per Boiler	G0400		Remote Set Point	1 Analog Input			
	A05xx	Hot Water, System Enclosure 48x36x12	2 Digital Inputs per Boiler	xx=05	Analog I/O: 16 Inputs 10 Outputs Digital I/O: 11 Inputs 7 Outputs	B22	Fox., 10-300 PSI	1 Analog Input					G05xx	xx=01 thru 12	Remote Lead Boiler Select	1 Digital Input per Boiler			
	A06xx	Steam, System Enclosure 48x36x12	2 Digital Inputs per Boiler	xx=06	Analog I/O: 16 Inputs 12 Outputs Digital I/O: 11 Inputs 7 Outputs								G06xx	xx=01 thru 12	Assured Low-Fire Warmup	1 Digital Input per Boiler			
	A11xx	Steam System OM Package with 4' Harness	2 Digital Inputs per Boiler	xx=07	Analog I/O: 16 Inputs 14 Outputs Digital I/O: 11 Inputs 7 Outputs								G07xx	xx=01 thru 12	Assured Low-Fire Warmup w/ Hot Standby	1 Digital Input per Boiler			
	A12xx	Hot Water System OM Package with 4' Harness	2 Digital Inputs per Boiler	xx=08	Analog I/O: 16 Inputs 16 Outputs Digital I/O: 11 Inputs 7 Outputs								G08xx	xx=01 thru 12	Assured Low-Fire Shutdown	1 Digital Input per Boiler			
													G09xx	xx=01 thru 12	Auto Seq. w/ Boiler Failure				
													G1000		Alarms				
													G11xx	xx=01 thru 12	Makeup Air Damper Control	1 Digital Output per Boiler			
													G12xx	xx=01 thru 12	Flue Gas Temp. Indication 12" RTD				
													G13xx	xx=01 thru 12	Flue Gas Temp. Indication 18" RTD				
													G14xx	xx=01 thru 12	Comb. Eff. w/ Flue Gas Temp. Indication, 12" RTD	1 Analog Input per Boiler			
													G15xx	xx=01 thru 12	Comb. Eff. w/ Flue Gas Temp. Indication, 18" RTD	1 Analog Input per Boiler			
													G1600		Water Return Temp. Indication 2.5" RTD				
													G1700		Water Return Temp Indication 4.5" RTD				
													G18xx	xx=01 thru 12	Water Supply Temp. Indication 2.5" RTD				
													G19xx	xx=01 thru 12	Water Supply Temp. Indication 4.5" RTD				
													G20xx	xx=01 thru 12	Boiler Pump ON w/ Time Delay Off	1 Digital Output per Boiler			
													G21xx	xx=01 thru 12	Boiler Pump ON w/ Lead Pump Always On	1 Digital Output per Boiler			
													G2200		Password Protection				
													G2300		Modbus Communication				
													G2400		Digital Auxillary I/O 8 Inputs 6 Outputs				
													G2500		Digital Auxillary I/O 16 Inputs 12 Outputs				

SELECT ONE

SELECT ONE

SELECT ONE

SELECT ONE INDICATES # OF BOILERS

SELECT MULTIPLE CHOICES INDICATES # OF BOILERS

SELECT MULTIPLE CHOICES INDICATES # OF BOILERS

**Micro IV Model Suffix Code A__ xx
Housing Size Selection**

Size Codes

Basic Sizes	Basic Size Code	Option Combinations	Comb. Code
24 x 24 x 8	A (01, 02)	Flue Gas Indicator	W
36 x 30 x 12	B (03, 04)	Bar Graph	X
48 x 36 x 12	C (05, 06)	Water Supply Temp.	Y
Consult Factory	Cf	Manual/Auto Station	Z

Housing Size Selection

	Number of Boilers								
	2	3	4	5	6	7	8	9	10
Base Model	A	A	A	B	B	B	C	C	C
W	A	A	A	B	B	B	C	C	C
X	A	A	A	B	B	B	C	C	C
Y	A	A	A	B	B	B	C	C	C
Z	B	B	B	C	C	C	Cf	Cf	Cf
WX	A	A	A	B	B	B	C	C	C
WY	A	A	A	B	B	B	C	C	C
WZ	B	B	B	C	C	C	Cf	Cf	Cf
WXY	A	A	A	B	B	B	C	C	C
WXZ	B	B	C	C	C	Cf	Cf	Cf	Cf
WYZ	B	B	B	C	C	C	Cf	Cf	Cf
XY	A	A	A	B	B	B	C	C	C
XYZ	B	B	B	C	C	C	Cf	Cf	Cf
XZ	A	A	A	B	B	B	C	C	C
YZ	B	B	B	C	C	C	Cf	Cf	Cf
WXYZ	B	B	C	C	C	Cf	Cf	Cf	Cf