



# HEAT & COOL

## RC SERIES SCROLL COMPRESSOR CHILLERS



### STANDARD PLC SCREEN (Allen Bradley Micrologix 1500 with PanelView 300 Micro)

- Control up to 4 compressors in 1 or 2 circuits
- Alarm condition indicators for safety devices including motor overloads (compressor or pump), flow switches, freezestats, refrigerant pressures, voltage/phase sensor, high and low temperature alarms
- Hour meters to accumulate run time in compressors or pumps
- Chilled water pumps: Variable 1 to 3 process pumps and recirculation pumps. In systems with multiple pumps, they may be altered at specific intervals.
- Network capable over DH-485 to communicate with a chiller with the Advanced Control Package



### ADVANCED PLC SCREEN (Allen Bradley SLC 5/04 with PanelView 1000)

- Cooling Tower Fans: Variable 1 to 4 fans, to be controlled with PID algorithm. Operator may choose to alternate the fans at specific intervals
- Cooling Tower Pumps: Variable 1 to 3 process pumps and recirculation pumps. In systems with multiple pumps, they may be alternated at specific intervals
- Chemical Feed Pumps: The software may control up to 2 chemical feed pumps. Chemical feed pumps will be operated such that the pump will run for a designated time at each completion of a specified time
- Alarm condition indicators for safety devices including motor overloads (compressor or pump), flow switches, freezestats, refrigerant pressures, voltage/phase sensor, high and low temperature alarms
- Hour meters to accumulate run time in compressors or pumps
- Chilled water pumps: Variable 1 to 3 process pumps and recirculation pumps. In systems with multiple pumps, they may be altered at specific intervals
- Network capable over DH-485 to communicate with a chiller with another Advanced Control Package or Standard Control Package



1100 E Woodfield Road  
Schaumburg, IL 60173 USA  
Tel. 847-273-7700 Fax 847-273-7804



WHITLOCK/  
MATERIAL  
HANDLING



HEAT & COOL



BLEND &  
RECLAIM



NELMOR/  
GRANULATE



DOWNSTREAM  
EXTRUSION



AUTOMATE



SYSTEMS  
CONTRACTING



SERVICE



# HEAT & COOL

## RS SERIES SCREW COMPRESSOR CHILLERS



### STANDARD PLC SCREEN (Allen Bradley Micrologix 1500 with PanelView 300 Micro)

- Control up to 2 compressors in 2 circuits
- Alarm condition indicators for safety devices including motor overloads (compressor or pump), flow switches, freezestats, refrigerant pressures, voltage/phase sensor, high and low temperature alarms
- Hour meters to accumulate run time in compressors and/or pumps
- Chilled water pumps: Variable 1 to 3 process pumps and recirculation pumps. In systems with multiple pumps, they may be altered at specific intervals.
- Network capable over DH-485 to communicate with a chiller with the Advanced Control Package



### ADVANCED PLC SCREEN (Allen Bradley SLC 5/04 with PanelView 1000)

- Cooling Tower Fans: Variable 1 to 3 fans, to be controlled with PID algorithm. Operator may choose to alternate the fans at specific intervals
- Cooling Tower Pumps: Variable 1 to 3 process pumps and recirculation pumps. In systems with multiple pumps, they may be alternated at specific intervals
- Alarm condition indicators for safety devices including motor overloads (compressor or pump), flow switches, freezestats, refrigerant pressures, voltage/phase sensor, high and low temperature alarms
- Hour meters to accumulate run time in compressors and/or pumps
- Chilled water pumps: Variable 1 to 3 process pumps and recirculation pumps. In systems with multiple pumps, they may be altered at specific intervals
- Network capable over DH-485 to communicate with a chiller with another Advanced Control Package or Standard Control Package



1100 E Woodfield Road  
Schaumburg, IL 60173 USA  
Tel. 847-273-7700 Fax 847-273-7804



WHITLOCK/  
MATERIAL  
HANDLING



HEAT & COOL



BLEND &  
RECLAIM



NELMOR/  
GRANULATE



DOWNSTREAM  
EXTRUSION



AUTOMATE



SYSTEMS  
CONTRACTING



SERVICE