RADKIT: HOSE AND VALVE PACKAGES

NOTE:
WATER COILS SHOULD BE ORDERED WITH FNPT 1/2" FITTINGS, OTHERWISE ADAPTERS (BY OTHERS) ARE REQUIRED

☐ SH: SINGLE HOSE - UNIT TO UNIT

CONSTRUCTION:
• BRAIDED STAINLESS STEEL
• 1/2" NPT (MALE) HOSE CONNECTION

LENGTH:
☐ 12"
☐ 18"
☐ 24"
☐ 36"

☐ DH: DOUBLE HOSE - UNIT TO HEADER

CONSTRUCTION:
• BRAIDED STAINLESS STEEL
• 1/2" NPT (MALE) HOSE CONNECTION

LENGTH:
☐ 12"
☐ 18"
☐ 24"
☐ 36"

NOTE:
HOSE KITS ARE PRESSURE TESTED AND SHIPPED LOOSE FOR FIELD INSTALL BY OTHERS.

PROJECT:

ENGINEER:
CUSTOMER:
SUBMITTAL DATE: SPEC. SYMBOL: 2012/10/18

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RADKIT: HOSE AND VALVE PACKAGES

☐ DHSO: DOUBLE HOSE W/ SHUT OFFS - UNIT TO HEADER

LENGTH:  
☐ 12"  ☐ 18"  ☐ 24"  ☐ 36"

CONSTRUCTION:  
• BRAIDED STAINLESS STEEL  
• SHUT OFF VALVES  
• 1/2" VALVE BODY  
• SWIVEL CONNECTION TO UNIT/COIL  
• 1/2" FNPT VALVE CONNECTIONS TO TRUNK/HEADER

VALVE BODY CONNECTION:  
☐ 1/2" SWEAT  ☐ 1/2" FNPT

NOTES:  
• ON/OFF ACTUATOR CONTROL ARE SPRING RETURN EQUIPPED.  
• COIL CONNECTIONS ARE FEMALE SWEAT, TRUNK CONNECTIONS ARE FEMALE NPT.  
• BASIC PACKAGES SHIPPED AS SEPARATE COMPONENTS FOR FIELD ASSEMBLY AND INSTALLATION BY OTHERS.  
• HOSE KITS ARE PRESSURE TESTED AND SHIPPED LOOSE FOR FIELD INSTALL BY OTHERS.

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.
RADKIT: HOSE AND VALVE PACKAGES

☐ DHMB: DOUBLE HOSE W/ SHUT OFFS AND MANUAL BALANCER - UNIT TO HEADER

ACTUATOR CONTROL (ATC):
☐ ON/OFF @ 024 VOLT (024V)
☐ ON/OFF @ 208 VOLT (208V)
☐ ON/OFF @ 230 VOLT (230V)
☐ ON/OFF @ 277 VOLT (277V)
☐ FLOATING POINT (FLP)
☐ MODULATING (MOD)
☐ NONE

LENGTH:
☐ 12”
☐ 18”
☐ 24”
☐ 36”

CV SELECTION (GPM @ 1 PSI):
☐ 0.23
☐ 0.46
☐ 0.87
☐ 1.80
☐ 3.30
☐ 5.40

VALVE BODY CONNECTION:
☐ 1/2” SWEAT
☐ 1/2” FNPT

CONSTRUCTION:
• BRAIDED STAINLESS STEEL
• SHUT OFF VALVES
• 1/2” VALVE BODY
• SWIVEL CONNECTION TO UNIT/COIL
• 1/2” FNPT VALVE CONNECTIONS TO TRUNK/HEADER
• PRESSURE TAPS

NOTES:
• ON/OFF ACTUATOR CONTROL ARE SPRING RETURN EQUIPPED.
• COIL CONNECTIONS ARE FEMALE SWEAT, TRUNK CONNECTIONS ARE FEMALE NPT.
• ALL VALVES ARE NORMALLY CLOSED (NC), PLEASE CONTACT FACTORY IF NORMALLY OPEN (NO) IS REQUIRED
• CV MUST BE SELECTED ON PACKAGES AS CLOSE TO YOUR DESIGN GPM TO ENSURE PROPER CV ON BALANCING VALVE IS RECEIVED
• BASIC PACKAGES SHIPPED AS SEPERATE COMPONENTS FOR FIELD ASSEMBLY AND INSTALLATION BY OTHERS
• ATC IS SIEMENS STANDARD, HOWEVER OTHER ATCs CAN BE SUPPLIED AS SPECIAL
• HOSE KITS ARE PRESSURE TESTED AND SHIPPED LOOSE FOR FIELD INSTALL BY OTHERS.

PROJECT:

ENGINEER: 

CUSTOMER: 

SUBMITTAL DATE: 2012/10/18

SPEC. SYMBOL: 248924
RADKIT: HOSE AND VALVE PACKAGES

☐ DHAB: DOUBLE HOSE W/ SHUT OFFS AND AUTO BALANCER - UNIT TO HEADER

ACTUATOR CONTROL (ATC):
☐ ON/OFF @ 024 VOLT (024V)
☐ ON/OFF @ 120 VOLT (120V)
☐ ON/OFF @ 208 VOLT (208V)
☐ ON/OFF @ 230 VOLT (230V)
☐ ON/OFF @ 277 VOLT (277V)
☐ FLOATING POINT (FLP)
☐ MODULATING (MOD)
☐ NONE

LENGTH:
☐ 12"
☐ 18"
☐ 24"
☐ 36"

FLOW RATE SELECTION (GPM):
☐ 0.50  ☐ 1.75  ☐ 3.50
☐ 0.75  ☐ 2.00  ☐ 4.00
☐ 1.00  ☐ 2.50  ☐ 4.50
☐ 1.50  ☐ 3.00  ☐ 5.00

CONSTRUCTION:
• BRAIDED STAINLESS STEEL
• SHUT OFF VALVES
• 1/2" VALVE BODY
• SWIVEL CONNECTION TO UNIT/COIL
• 1/2" FNPT VALVE CONNECTIONS TO TRUNK/HEADER
• PRESSURE TAPS

NOTES:
• ON/OFF ACTUATOR CONTROL ARE SPRING RETURN EQUIPPED.
• COIL CONNECTIONS ARE FEMALE SWEAT, TRUNK CONNECTIONS ARE FEMALE NPT.
• ALL VALVES ARE NORMALLY CLOSED (NC), PLEASE CONTACT FACTORY IF NORMALLY OPEN (NO) IS REQUIRED
• GPM MUST BE SELECTED ON PACKAGES AS CLOSE TO YOUR DESIGN GPM TO ENSURE PROPER CV ON BALANCING
  VALVE IS RECEIVED
• BASIC PACKAGES SHIPPED AS SEPERATE COMPONENTS FOR FIELD ASSEMBLY AND INSTALLATION BY OTHERS
• ATC IS SIEMENS STANDARD, HOWEVER OTHER ATCs CAN BE SUPPLIED AS SPECIAL
• HOSE KITS ARE PRESSURE TESTED AND SHIPPED LOOSE FOR FIELD INSTALL BY OTHERS.

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT: RADIANT RADKIT HOSE AND VALVE PACKAGES

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2012/10/18

SPEC. SYMBOL:
RADKIT: HOSE AND VALVE PACKAGES

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN

FACTORY MOUNTING (AVAILABLE ON DH, DHSO, DHMB AND DHAB):
- FMC - FACTORY MOUNTED ON COLD WATER CONNECTION (CHOOSE THIS FOR 2-PIPE COIL)
- FMH - FACTORY MOUNTED ON HOT WATER CONNECTION

NOTES:
- FACTORY MOUNTED RADKITS ARE CONNECTED AND LEAK TESTED AT THE FACTORY
- CHILLED BEAM MUST BE ORDERED WITH NPT CONNECTIONS
- CONTROL VALVES SHOULD BE MOUNTED ON THE RETURN
RADKIT: HOSE AND VALVE PACKAGES

☐ ATC: AUTOMATIC TEMPERATURE CONTROL VALVE

ACTUATOR CONTROL (ATC):
☐ ON/OFF @ 024 VOLT (024V)
☐ ON/OFF @ 120 VOLT (120V)
☐ MODULATING (MOD) (0-10 Vdc)
☐ NONE

Cv FLOWRATE:
☐ 1.0
☐ 2.5

2-WAY VALVE BODY:
☐ 1/2" SWEAT (A=2.660 AND B=4.980)
☐ 1/2" NPT (A=2.760 AND B=5.130)

3-WAY VALVE BODY:
☐ 1/2" SWEAT (A=2.660 AND B=5.760)
☐ 1/2" NPT (A=2.760 AND B=5.840)

CONSTRUCTION:
• 1/2" BRASS VALVE BODY
• ON/OFF ACTUATORS ARE NORMALLY CLOSED (NC) SPRING RETURN

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

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