

SUBMITTAL TRANSMITTAL - No. 04500-01

TO: Riverside MOB Project - General Contractor

FROM: Meridian Mechanical & Supply Co.

DATE: July 28, 2026

SUBJECT: Submittal package for Divisions 23, 26, and 08.

This package contains product data, catalog sections, and certifications.

Reference catalog pages are included per manufacturer practice.

Please review against project specifications and return with disposition.

SUBMITTAL LOG

- ITEM 1: Air Handling Unit AHU-1 (Atlas Air AHU-5000) - pages 3 to 22
- ITEM 2: Chiller CH-1 (ArcticCool CC-240) - pages 61 to 75
- ITEM 3: Switchboard MSB (Volta VSB-1600) - pages 101 to 115
- ITEM 4: Insulating Glass Units (VistaGlass IG-35) - pages 131 to 145
- ITEM 5: Reference - Atlas Air catalog - pages 23 to 60
- ITEM 6: Reference - ArcticCool catalog - pages 76 to 100
- ITEM 7: Reference - Volta catalog - pages 116 to 130
- ITEM 8: Reference - VistaGlass catalog and closeout - pages 146 to 150

ATLAS AIR AHU-5000 - PRODUCT DATA

Manufacturer: Atlas Air Systems, Inc.

Model: AHU-5000 Custom Air Handling Unit

Application: AHU-1, Riverside Medical Office Building

This submittal covers one (1) air handling unit.

All performance data on the following pages applies to the unit offered.

ATLAS AIR AHU-5000 - UNIT SUMMARY

UNIT SUMMARY - MODEL AHU-5000

Supply air: 12,000 CFM

Supply fan motor: 30 HP

Motor voltage: 208V/3ph/60Hz

Motor efficiency: Standard efficiency

Fan type: plenum fan, belt driven

VFD: included, NEMA 1

Coil: chilled water, 6 row, 8 FPI

Filters: 2 inch MERV 8 prefilter, 12 inch MERV 13 final

Casing: double wall, 2 inch insulation

ATLAS AIR AHU-5000 - FAN CURVES

SUPPLY FAN PERFORMANCE CURVE

CFM vs static pressure plotted for 12,000 CFM design point.

Fan speed: 1,180 RPM at design point.

Design static pressure: 4.2 inches w.g.

Curves shown for 50 Hz and 60 Hz operation.

ATLAS AIR AHU-5000 - COIL SCHEDULE

COIL SCHEDULE

Coil type: chilled water, 6 row

Fins per inch: 8

Entering water: 44 F, leaving water: 54 F

Total capacity: 420 MBH

Air side pressure drop: 0.85 inches w.g.

ATLAS AIR AHU-5000 - FILTER SECTION

FILTER SECTION

Prefilter: 2 inch, MERV 8

Final filter: 12 inch, MERV 13

Filter access: hinged access door, latched

Differential pressure gages across each bank

ATLAS AIR AHU-5000 - CONTROLS

CONTROLS

DDC controls with BACnet interface

Supply air temperature sensor

Duct static pressure sensor

VFD interface: 4-20 mA speed reference

ATLAS AIR AHU-5000 - DIMENSIONS AND CURB

UNIT DIMENSIONS

Length: 22 feet 6 inches

Width: 8 feet 2 inches

Height: 9 feet 4 inches

Curb: 4 inch channel curb, insulated

Unit weight: 8,600 lbs operating

ATLAS AIR AHU-5000 - SUPPORTING DATA

PERFORMANCE TABLES

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Supply fan performance tabulated at 6 operating points.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Coil performance tabulated for entering water 42-48 F.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Filter static pressure loss tabulated at 4 velocities.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Electrical data: motor nameplate amps 38 at 208V.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Vibration isolation: spring isolators, 1 inch deflection.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Drain pans: double sloped, stainless steel.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Accessories: door interlock switches, factory wiring.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Installation notes: rigging, lifting lugs, shipping splits.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Startup checklist and maintenance schedule.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Spare parts list: belts, filters, gaskets.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Sections drawings: elevation and plan views.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR AHU-5000 - SUPPORTING DATA

Warranty statement: 18 months from shipment.

Refer to Atlas Air standard catalog for additional reference material.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-3000 SERIES - page 23

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Small packaged air handlers, 1,500 to 6,000 CFM.
Available in horizontal and vertical configurations.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-3000 SERIES - page 24

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Small packaged air handlers, 1,500 to 6,000 CFM.
Available in horizontal and vertical configurations.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-3000 SERIES - page 25

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Small packaged air handlers, 1,500 to 6,000 CFM.
Available in horizontal and vertical configurations.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-3000 SERIES - page 26

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Small packaged air handlers, 1,500 to 6,000 CFM.
Available in horizontal and vertical configurations.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-3000 SERIES - page 27

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Small packaged air handlers, 1,500 to 6,000 CFM.
Available in horizontal and vertical configurations.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-3000 SERIES - page 28

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Small packaged air handlers, 1,500 to 6,000 CFM.
Available in horizontal and vertical configurations.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-3000 SERIES - page 29

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Small packaged air handlers, 1,500 to 6,000 CFM.
Available in horizontal and vertical configurations.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-3000 SERIES - page 30

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Small packaged air handlers, 1,500 to 6,000 CFM.
Available in horizontal and vertical configurations.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-7000 SERIES - page 31

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Large custom air handlers, 20,000 to 60,000 CFM.

Modular construction with plug fan option.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-7000 SERIES - page 32

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Large custom air handlers, 20,000 to 60,000 CFM.

Modular construction with plug fan option.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-7000 SERIES - page 33

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Large custom air handlers, 20,000 to 60,000 CFM.

Modular construction with plug fan option.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-7000 SERIES - page 34

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Large custom air handlers, 20,000 to 60,000 CFM.

Modular construction with plug fan option.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-7000 SERIES - page 35

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Large custom air handlers, 20,000 to 60,000 CFM.

Modular construction with plug fan option.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-7000 SERIES - page 36

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Large custom air handlers, 20,000 to 60,000 CFM.

Modular construction with plug fan option.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-5000B OPTIONS - page 37

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

AHU-5000B: premium configuration of the AHU-5000 platform.

AHU-5000B is available with NEMA Premium motor, 480V/3ph.

AHU-5000B is NOT the unit offered in this submittal.

Offered unit: AHU-5000 standard configuration (see pages 3-22).

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-5000B OPTIONS - page 38

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

AHU-5000B: premium configuration of the AHU-5000 platform.

AHU-5000B is available with NEMA Premium motor, 480V/3ph.

AHU-5000B is NOT the unit offered in this submittal.

Offered unit: AHU-5000 standard configuration (see pages 3-22).

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-5000B OPTIONS - page 39

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

AHU-5000B: premium configuration of the AHU-5000 platform.

AHU-5000B is available with NEMA Premium motor, 480V/3ph.

AHU-5000B is NOT the unit offered in this submittal.

Offered unit: AHU-5000 standard configuration (see pages 3-22).

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-5000B OPTIONS - page 40

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

AHU-5000B: premium configuration of the AHU-5000 platform.

AHU-5000B is available with NEMA Premium motor, 480V/3ph.

AHU-5000B is NOT the unit offered in this submittal.

Offered unit: AHU-5000 standard configuration (see pages 3-22).

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-5000B OPTIONS - page 41

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

AHU-5000B: premium configuration of the AHU-5000 platform.

AHU-5000B is available with NEMA Premium motor, 480V/3ph.

AHU-5000B is NOT the unit offered in this submittal.

Offered unit: AHU-5000 standard configuration (see pages 3-22).

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR AHU-5000B OPTIONS - page 42

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

AHU-5000B: premium configuration of the AHU-5000 platform.

AHU-5000B is available with NEMA Premium motor, 480V/3ph.

AHU-5000B is NOT the unit offered in this submittal.

Offered unit: AHU-5000 standard configuration (see pages 3-22).

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR FAN COIL UNITS - page 43

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Vertical and horizontal fan coils, 200 to 1,200 CFM.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR FAN COIL UNITS - page 44

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Vertical and horizontal fan coils, 200 to 1,200 CFM.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR FAN COIL UNITS - page 45

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Vertical and horizontal fan coils, 200 to 1,200 CFM.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR FAN COIL UNITS - page 46

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Vertical and horizontal fan coils, 200 to 1,200 CFM.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR FAN COIL UNITS - page 47

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Vertical and horizontal fan coils, 200 to 1,200 CFM.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR FAN COIL UNITS - page 48

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Vertical and horizontal fan coils, 200 to 1,200 CFM.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR ENERGY RECOVERY VENTILATORS - page 49

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Enthalpy wheel ERVs, 500 to 5,000 CFM.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR ENERGY RECOVERY VENTILATORS - page 50

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Enthalpy wheel ERVs, 500 to 5,000 CFM.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR ENERGY RECOVERY VENTILATORS - page 51

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Enthalpy wheel ERVs, 500 to 5,000 CFM.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR ENERGY RECOVERY VENTILATORS - page 52

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Enthalpy wheel ERVs, 500 to 5,000 CFM.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR ENERGY RECOVERY VENTILATORS - page 53

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Enthalpy wheel ERVs, 500 to 5,000 CFM.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR ENERGY RECOVERY VENTILATORS - page 54

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Enthalpy wheel ERVs, 500 to 5,000 CFM.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR DUCT HEATERS - page 55

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Electric duct heaters, 5 to 100 kW.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR DUCT HEATERS - page 56

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Electric duct heaters, 5 to 100 kW.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR DUCT HEATERS - page 57

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Electric duct heaters, 5 to 100 kW.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR DUCT HEATERS - page 58

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Electric duct heaters, 5 to 100 kW.

Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR VAV BOXES - page 59

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Single duct VAV boxes with DDC controls.
Not applicable to this project.

ATLAS AIR - CATALOG REFERENCE

REFERENCE CATALOG: ATLAS AIR - models not provided on this project
ATLAS AIR VAV BOXES - page 60

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Single duct VAV boxes with DDC controls.
Not applicable to this project.

ARCTICCOOL CC-240 - PRODUCT DATA

Manufacturer: ArcticCool Refrigeration

Model: CC-240 air-cooled scroll chiller

Application: CH-1, Riverside Medical Office Building

This submittal covers one (1) chiller.

ARCTICCOOL CC-240 - PERFORMANCE

CHILLER PERFORMANCE - MODEL CC-240

Capacity: 240 tons

Compressors: 4 x scroll, tandem circuits

IPLV: 0.62 kW/ton

EER: 9.8

Refrigerant: R-410A

Electrical: 480V/3ph/60Hz

Condenser fans: 8 x 2 HP direct drive

ARCTICCOOL CC-240 - ELECTRICAL

ELECTRICAL DATA

Main power: 480V/3ph/60Hz

MCA: 1,100 A

Factory mounted non-fused disconnect

Control circuit: 115V

ARCTICCOOL CC-240 - DIMENSIONS

DIMENSIONS AND WEIGHTS

Length: 26 feet

Width: 8 feet 6 inches

Weight: 21,000 lbs

Rigging: 4 point spreader bar

ARCTICCOOL CC-240 - SOUND DATA

SOUND DATA

Sound pressure at 30 feet: 72 dBA

Sound attenuation accessories available on request.

ARCTICCOOL CC-240 - SUPPORTING DATA

Controls: DDC with BACnet, chiller plant optimization.

ARCTICCOOL CC-240 - SUPPORTING DATA

Warranty: 5 years compressor, 1 year parts.

ARCTICCOOL CC-240 - SUPPORTING DATA

Installation manual excerpts.

ARCTICCOOL CC-240 - SUPPORTING DATA

Startup checklist.

ARCTICCOOL CC-240 - SUPPORTING DATA

Maintenance schedule.

ARCTICCOOL CC-240 - SUPPORTING DATA

Spare parts list.

ARCTICCOOL CC-240 - SUPPORTING DATA

Piping connections drawing.

ARCTICCOOL CC-240 - SUPPORTING DATA

Flow switch installation detail.

ARCTICCOOL CC-240 - SUPPORTING DATA

Glycol option documentation.

ARCTICCOOL CC-240 - SUPPORTING DATA

High ambient operation note.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL CC-120 - page 76

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

120 ton air-cooled scroll chiller.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL CC-120 - page 77

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

120 ton air-cooled scroll chiller.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL CC-120 - page 78

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

120 ton air-cooled scroll chiller.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL CC-180 - page 79

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

180 ton air-cooled scroll chiller.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL CC-180 - page 80

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

180 ton air-cooled scroll chiller.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL CC-240D OPTION - page 81

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

CC-240D: premium efficiency option, IPLV 0.50 kW/ton.

CC-240D is NOT the unit offered in this submittal.

Offered unit: CC-240 standard efficiency (see pages 61-75).

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL CC-240D OPTION - page 82

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

CC-240D: premium efficiency option, IPLV 0.50 kW/ton.

CC-240D is NOT the unit offered in this submittal.

Offered unit: CC-240 standard efficiency (see pages 61-75).

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL CC-240D OPTION - page 83

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

CC-240D: premium efficiency option, IPLV 0.50 kW/ton.

CC-240D is NOT the unit offered in this submittal.

Offered unit: CC-240 standard efficiency (see pages 61-75).

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL CC-240D OPTION - page 84

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

CC-240D: premium efficiency option, IPLV 0.50 kW/ton.

CC-240D is NOT the unit offered in this submittal.

Offered unit: CC-240 standard efficiency (see pages 61-75).

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 85

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 86

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 87

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 88

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 89

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 90

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 91

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 92

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 93

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 94

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL COOLING TOWERS - page 95

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

Induced draft cooling towers, 100 to 500 tons.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL END SUCTION PUMPS - page 96

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
End suction pumps, 25 to 400 GPM.
Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL END SUCTION PUMPS - page 97

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

End suction pumps, 25 to 400 GPM.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL END SUCTION PUMPS - page 98

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

End suction pumps, 25 to 400 GPM.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL END SUCTION PUMPS - page 99

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

End suction pumps, 25 to 400 GPM.

Not applicable to this project.

ARCTICCOOL - CATALOG REFERENCE

REFERENCE CATALOG: ARCTICCOOL - models not provided on this project
ARCTICCOOL END SUCTION PUMPS - page 100

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

End suction pumps, 25 to 400 GPM.

Not applicable to this project.

VOLTA VSB-1600 - PRODUCT DATA

Manufacturer: Volta Power Distribution

Model: VSB-1600 service entrance switchboard

Application: MSB, Riverside Medical Office Building

This submittal covers one (1) switchboard.

VOLTA VSB-1600 - RATINGS

SWITCHBOARD RATINGS - MODEL VSB-1600

Listing: UL 891 listed

Voltage: 208Y/120V, 3 phase, 4 wire

Short circuit rating: 65,000 AIC

Main device: 1600 A, solid state trip

Bus: copper, tin plated

Enclosure: NEMA 1, front access only

VOLTA VSB-1600 - BREAKER SCHEDULE

BREAKER SCHEDULE

Feeder 1: 400 A, mechanical room

Feeder 2: 400 A, penthouse

Feeder 3: 225 A, elevator

Feeder 4: 225 A, MRI suite

Spare: 2 x 225 A frame

VOLTA VSB-1600 - SUPPORTING DATA

Breaker schedule continuation page.

VOLTA VSB-1600 - SUPPORTING DATA

Front elevation drawing.

VOLTA VSB-1600 - SUPPORTING DATA

Section drawing A-A.

VOLTA VSB-1600 - SUPPORTING DATA

Ground bus detail.

VOLTA VSB-1600 - SUPPORTING DATA

Cable landing detail.

VOLTA VSB-1600 - SUPPORTING DATA

Conduit entry plan.

VOLTA VSB-1600 - SUPPORTING DATA

Seismic anchoring details.

VOLTA VSB-1600 - SUPPORTING DATA

Warranty statement.

VOLTA VSB-1600 - SUPPORTING DATA

Maintenance schedule.

VOLTA VSB-1600 - SUPPORTING DATA

Torque specifications.

VOLTA VSB-1600 - SUPPORTING DATA

Arc flash label information.

VOLTA VSB-1600 - SUPPORTING DATA

Factory test report summary.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA VSB-1600-480 - page 116

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

VSB-1600-480: same frame, 480Y/277V configuration.

The 480V configuration is NOT the unit offered.

Offered unit: VSB-1600 at 208Y/120V (see pages 101-115).

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA VSB-1600-480 - page 117

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

VSB-1600-480: same frame, 480Y/277V configuration.

The 480V configuration is NOT the unit offered.

Offered unit: VSB-1600 at 208Y/120V (see pages 101-115).

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA VSB-1600-480 - page 118

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

VSB-1600-480: same frame, 480Y/277V configuration.

The 480V configuration is NOT the unit offered.

Offered unit: VSB-1600 at 208Y/120V (see pages 101-115).

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA VSB-2000 - page 119

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

VSB-2000: 2000 A switchboard.

Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA VSB-2000 - page 120

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

VSB-2000: 2000 A switchboard.

Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA VSB-2000 - page 121

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

VSB-2000: 2000 A switchboard.

Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA DRY TYPE TRANSFORMERS - page 122

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

480V to 208Y/120V transformers, 15 to 500 kVA.

Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA DRY TYPE TRANSFORMERS - page 123

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
480V to 208Y/120V transformers, 15 to 500 kVA.
Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA DRY TYPE TRANSFORMERS - page 124

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
480V to 208Y/120V transformers, 15 to 500 kVA.
Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA DRY TYPE TRANSFORMERS - page 125

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

480V to 208Y/120V transformers, 15 to 500 kVA.

Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA DRY TYPE TRANSFORMERS - page 126

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
480V to 208Y/120V transformers, 15 to 500 kVA.
Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA PANELBOARDS - page 127

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

120/208V panelboards, 42 circuit.

Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA PANELBOARDS - page 128

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

120/208V panelboards, 42 circuit.

Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA PANELBOARDS - page 129

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

120/208V panelboards, 42 circuit.

Not applicable to this project.

VOLTA - CATALOG REFERENCE

REFERENCE CATALOG: VOLTA - models not provided on this project
VOLTA PANELBOARDS - page 130

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

120/208V panelboards, 42 circuit.

Not applicable to this project.

VISTAGLASS IG-35 - PRODUCT DATA

Manufacturer: VistaGlass Architectural Products

Product: IG-35 insulating glass unit

Application: vision glazing, Riverside MOB

This submittal covers insulating glass units for the curtain wall.

VISTAGLASS IG-35 - PERFORMANCE

IGU PERFORMANCE - PRODUCT IG-35

Construction: 1 inch overall, dual seal, warm edge spacer

U-factor: 0.35

SHGC: 0.24

Visible transmittance: 0.55

Low-E coating: surface 2

Exterior lite: 1/4 inch clear tempered

Interior lite: 1/4 inch clear annealed

VISTAGLASS IG-35 - ACOUSTICS

ACOUSTIC PERFORMANCE

STC rating: 36

Tested per ASTM E90/E413

OITC rating: 28

VISTAGLASS IG-35 - ACOUSTIC LABORATORY TEST REPORT

ACOUSTIC LABORATORY TEST REPORT

Assembly tested: IG-35 insulating glass unit in curtain wall frame

Test standard: ASTM E90 / ASTM E413

Result: STC 36

Laboratory: Riverbank Acoustical Laboratories, report RAL-TL26-441

Date: February 2025

VISTAGLASS IG-35 - FRAMING

FRAMING INTERFACE

Framing: thermally broken aluminum, Class I anodized

Glazing method: structural silicone

Bite: 5/8 inch minimum

VISTAGLASS IG-35 - CERTIFICATIONS

CERTIFICATIONS

IGCC certification: certified insulating glass units

Certificate number: IGCC-88471 (see next page)

IGMA member since 2004

VISTAGLASS IG-35 - IGCC CERTIFICATE

IGCC CERTIFICATE

This certifies that VistaGlass IG-35 insulating glass units
meet the requirements of the Insulating Glass Certification Council.
Certificate number: IGCC-88471, valid through 2028.

VISTAGLASS IG-35 - ASTM E2190 REPORT

ASTM E2190 SEAL DURABILITY TEST REPORT

Test standard: ASTM E2190

Result: PASS

Laboratory: Intertek, report 55-2211-19

Date: March 2025

VISTAGLASS IG-35 - SUPPORTING DATA

Glazing details: head, sill, jamb.

VISTAGLASS IG-35 - SUPPORTING DATA

Setting block schedule.

VISTAGLASS IG-35 - SUPPORTING DATA

Structural silicone data.

VISTAGLASS IG-35 - SUPPORTING DATA

Cleaning and maintenance instructions.

VISTAGLASS IG-35 - SUPPORTING DATA

Warranty: 10 year seal, 5 year finish.

VISTAGLASS IG-35 - SUPPORTING DATA

Handling and storage requirements.

VISTAGLASS IG-35 - SUPPORTING DATA

Closeout submittal checklist.

VISTAGLASS - CATALOG REFERENCE

REFERENCE CATALOG: VISTAGLASS - models not provided on this project
VISTAGLASS IG-24 - page 146

This catalog section is provided for reference only.

The models listed below are NOT part of this submittal package.

IG-24: triple glazing option, U-factor 0.24.

IG-24 is NOT the product offered in this submittal.

Offered product: IG-35 (see pages 131-145).

VISTAGLASS - CATALOG REFERENCE

REFERENCE CATALOG: VISTAGLASS - models not provided on this project
VISTAGLASS SPANDREL GLASS - page 147

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Opaque spandrel glass options.
Not applicable to this project.

VISTAGLASS - CATALOG REFERENCE

REFERENCE CATALOG: VISTAGLASS - models not provided on this project
VISTAGLASS SKYLIGHT UNITS - page 148

This catalog section is provided for reference only.
The models listed below are NOT part of this submittal package.
Skylight glazing assemblies.
Not applicable to this project.

WARRANTY SUMMARY

Meridian Mechanical & Supply warranties apply as per attached statements.

AHU: 18 months. Chiller: 5 years compressor. IGU seal: 10 years.

CLOSEOUT CHECKLIST

Operation and maintenance manuals to be delivered at closeout.

Warranty certificates to be delivered at closeout.

This page intentionally completes the package.