

3.4.1 HVAC GENERAL DESCRIPTION

Air Handling Unit No. 100-AH4

Date of Acceptance:

Manufacturer:

York

Model:

CS113F0

Location:

Mechanical Bay

Capacity:

Fan 7530 CFM, 3860 CFM OA, 3.33 "SP"
Cooling 86.2°F dB, 71.7°F wB Ent. Air,
Coil 58.4°F dB, 57.5°F wB Lvg Air,
355 MBH TOTAL
60 GPM CHW, 44°F Ent CHW Temp, 56°F Lvg CHW
Temp
Heating 15°F Ent. Air, 35°F Lvg. Air,
Coil 179 MBH, 18 GPM HWH,
180°F Ent. HWH Temp.
160°F Lvg. HWH Temp.

Cooling Coil:

6 Rows, 8 FPI, 500 FPM FV,
Copper Tubes, Aluminum Fins

Heating Coil:

1 Row, 8 FPI, 636 FPM FV,
Copper Tubes, Aluminum Fins

Motor:

7.5 HP, 460 Volts, 3 Phase

Pre-Filters:

100-PF4, 4" Pleated, Grade D, 30% Eff
4 @ 20"x25"
2 @ 20"x20"

Final Filters:

None

Belt(s):

Browning/Edge B77
1 required

Local Distributor:

York International Corporation
5610 Fomey Drive
Houston, TX 77036
(713) 782-5200

3.4.1 HVAC GENERAL DESCRIPTION

Air Handling Unit No. 100-AH20

Date of Acceptance:

Manufacturer:

York

Model:

CS270F0

Location:

Mechanical Bay 1-5

Capacity:

Fan 15880 CFM, 2310 CFM OA, 4.61 "SP", Variable Volume
Cooling 79.5°F dB, 65°F wB Ent. Air,
Coil 53°F dB, 52°F wB Lvg Air,
588 MBH TOTAL
98 GPM CHW, 44°F Ent CHW Temp, 56°F Lvg CHW
Temp
Heating 15°F Ent. Air, 35°F Lvg. Air,
Coil 338 MBH, 33.8 GPM HWH,
180°F Ent. HWH Temp.
160°F Lvg. HWH Temp.

Cooling Coil:

8 Rows, 10 FPI, 547 FPM FV,
Copper Tubes, Aluminum Fins

Heating Coil:

1 Row, 8 FPI, 687 FPM FV,
Copper Tubes, Aluminum Fins

Motor:

20 HP, 460 Volts, 3 Phase

Pre-Filters:

100-PF21, 4" Pleated, Grade D, 30% Eff
8 @ 20"x25"
2 @ 16"x25"

Final Filters:

100-AF20, 12" Pleated, Grade B, 85% Eff
8 @ 24"x24"

Belt(s):

Browning/Edge BX99
2 required

Local Distributor:

York International Corporation
5610 Fomey Drive
Houston, TX 77036
(713) 782-5200

3.4.1 HVAC GENERAL DESCRIPTION

Air Handling Unit No. 100-AH57

Date of Acceptance:

Manufacturer:

York

Model:

CS270F0

Location:

Mechanical Bay 4-1

Capacity:

Fan 13600 CFM, 7990 CFM OA, 5.04 "SP", Variable Volume
Cooling 83.6°F dB, 76.7°F wB Ent. Air,
Coil 54°F dB, 53.1°F wB Lvg Air,
1101.6 MBH TOTAL
184 GPM CHW, 44°F Ent CHW Temp, 56°F Lvg CHW
Temp
Heating 15°F Ent. Air, 39°F Lvg. Air,
Coil 362.5 MBH, 36 GPM HWH,
180°F Ent. HWH Temp.
160°F Lvg. HWH Temp.

Cooling Coil:

8 Rows, 12 FPI, 506 FPM FV,
Copper Tubes, Aluminum Fins

Heating Coil:

1 Row, 8 FPI, 607 FPM FV,
Copper Tubes, Aluminum Fins

Motor:

20 HP, 460 Volts, 3 Phase

Pre-Filters:

100-PF57, 4" Pleated, Grade D, 30% Eff
8 @ 20"x25"
2 @ 16"x25"

Final Filters:

100-AF57, 12" Pleated, Grade B, 85% Eff
8 @ 24"x24"

Belt(s):

Browning/Edge BX97
2 required

Local Distributor:

York International Corporation
5610 Fomey Drive
Houston, TX 77036
(713) 782-5200

3.4.1 HVAC GENERAL DESCRIPTION

Air Handling Unit No. 100-AH58

Date of Acceptance:

Manufacturer:

York

Model:

CS32F0

Location:

Mechanical Bay 4-1

Capacity:

Fan 2600 CFM, 2600 CFM OA, 3.97 "SP", Constant Volume
Cooling 85°F dB, 83°F wB Ent. Air,
Coil 51°F dB, 50.9°F wB Lvg Air,
313.6 MBH TOTAL
52 GPM CHW, 44°F Ent CHW Temp, 56°F Lvg CHW
Temp
Heating 15°F Ent. Air, 51°F Lvg. Air,
Coil 103 MBH, 10 GPM HWH,
180°F Ent. HWH Temp.
160°F Lvg. HWH Temp.

Cooling Coil:

8 Rows, 12 FPI, 378 FPM FV,
Copper Tubes, Aluminum Fins

Heating Coil:

1 Row, 10 FPI, 486 FPM FV,
Copper Tubes, Aluminum Fins

Motor:

5 HP, 460 Volts, 3 Phase

Pre-Filters:

100-PF58, 4" Pleated, Grade D, 30% Eff
2 @ 20"x25"
1 @ 16"x25"

Final Filters:

100-AF58, 12" Pleated, Grade B, 85% Eff
2 @ 24"x24"

Belt(s):

Browning/Edge BX53
1 required

Local Distributor:

York International Corporation
5610 Fomey Drive
Houston, TX 77036
(713) 782-5200

3.4.1 HVAC GENERAL DESCRIPTION

Air Handling Unit No. 100-AH77

Date of Acceptance:

Manufacturer:

York

Model:

CS156F0

Location:

Mechanical Bay 5-4

Capacity:

Fan 8500 CFM, 1910 CFM OA, 4.89 "SP", Variable Volume
Cooling 82.5°F dB, 66.8°F wB Ent. Air,
Coil 53.5°F dB, 52.7°F wB Lvg Air,
367.1 MBH TOTAL
61 GPM CHW, 44°F Ent CHW Temp, 56°F Lvg CHW
Temp
Heating 15°F Ent. Air, 35°F Lvg. Air,
Coil 187 MBH, 19 GPM HWH,
180°F Ent. HWH Temp.
160°F Lvg. HWH Temp.

Cooling Coil:

6 Rows, 12 FPI, 545 FPM FV,
Copper Tubes, Aluminum Fins

Heating Coil:

1 Row, 8 FPI, 718 FPM FV,
Copper Tubes, Aluminum Fins

Motor:

15 HP, 460 Volts, 3 Phase

Pre-Filters:

100-PF77, 4" Pleated, Grade D, 30% Eff
4 @ 20"x25"
2 @ 20"x20"

Final Filters:

100-AF77, 12" Pleated, Grade B, 85% Eff
3 @ 24"x24"
3 @ 12"x24"

Belt(s):

Browning/Edge BX99
1 required

Local Distributor:

York International Corporation
5610 Fomey Drive
Houston, TX 77036
(713) 782-520

3.4.1 HVAC GENERAL DESCRIPTION

Air Handling Unit No. 100-AH78

Date of Acceptance:

Manufacturer:

York

Model:

CS32F0

Location:

Mechanical Bay 5-4

Capacity:

Fan 2600 CFM, 2600 CFM OA, 3.97 "SP", Constant Volume
Cooling 85°F dB, 83°F wB Ent. Air,
Coil 51°F dB, 50.9°F wB Lvg Air,
314.7 MBH TOTAL
52 GPM CHW, 44°F Ent CHW Temp, 56°F Lvg CHW
Temp
Heating 15°F Ent. Air, 51°F Lvg. Air,
Coil 103 MBH, 10 GPM HWH,
180°F Ent. HWH Temp.
160°F Lvg. HWH Temp.

Cooling Coil:

8 Rows, 12 FPI, 347 FPM FV,
Copper Tubes, Aluminum Fins

Heating Coil:

1 Row, 10 FPI, 486 FPM FV,
Copper Tubes, Aluminum Fins

Motor:

5 HP, 460 Volts, 3 Phase

Pre-Filters:

100-PF78, 4" Pleated, Grade D, 30% Eff
2 @ 20"x25"
1 @ 16"x25"

Final Filters:

100-AF78, 12" Pleated, Grade B, 85% Eff
2 @ 24"x24"

Belt(s):

Browning/Edge BX53
1 required

Local Distributor:

York International Corporation
5610 Fomey Drive
Houston, TX 77036
(713) 782-520