

Project Name -	Extra Care Home Cleckheaton	Project Reference -	3995	Engineer -	PR
BIM Reference -	CLK-WME-XX-XX-SC-M-57-0002				

57-0002 Amenity MVHR Units

Status	Revision	Issue date	Engineer	Check	Comments
Issued for information	P01	31/01/2025	PR		

Unit Reference	MVHR001				
Type	Horizontal MVHR Unit				
Manufacturer	TBC				
Model Reference	TBC				
Design SFP at design volume flow rate (W/l/s)	1.4 Max at 100%				
Actual SFP at design volume flow rate (W/s/l) full fresh air					
Location	Ground floor Activities				
Qty	1				
Handing	TBC				

Fan Section	Fan section					
	Supply			Extract		
Volume Flow Rate (l/s)	96			96		
External Pressure (Pa)	120.0			90.0		
Type	Backward curved			Backward curved		
Power Supply (V/Ph/Hz)	230/1/50			230/1/50		
Starting Current (Amps):						
Running Current (Amps):						
Motor Rating (kW)						
Absorbed Power (kW)						
Total Efficiency (%)						
Inverter Controlled						
Spring AVM's (mm)						

Fan noise	Supply Fan Noise			Extract Fan Noise		
	Breakout	Discharge	Intake	Breakout	Discharge	Intake
SPL dB(A) @ 1m						
63Hz						
125Hz						
250Hz						
500Hz						
1K Hz						
2K Hz						
4K Hz						
8K Hz						
Overall dBA						

Coils	Coils					
	Frost Coil (LTHW)	Cooling Coil (CHW)	Main Heating Coil (LTHW)			
Type						
Entering Air Condition (°Cdb/°Cwb)						
Leaving Air Condition (°Cdb/°Cwb)						
Duty (kW)						
Fluid Temp On/Off Coil (°C)						
Fluid Flow Rate (l/s)	Not applicable	Not applicable	Not applicable			
Face Velocity (m/s)						
Droplet Eliminator (Y/N)						
Materials Tube / Finish						
Split Coil						
Max Water side Pressure Drop (kPa)						

Heat Recovery	Heat recovery					
	Adiabatic humidifier (in recirc)		PHX		Mixing box	
Type			Fresh air	Recirc		
Air Stream						
Winter condition Air On (db °C)			-5.0	22.50		
Winter condition Air On (wb °C)			-5.0	19.00		
Winter condition Air Off (db °C)						
Winter condition Air Off (wb °C)						
Summer condition Air On (db °C)			29	35.00		
Summer condition Air On (wb °C)			20	25.00		
Summer condition Air Off (db °C)						
Summer condition Air Off (wb °C)						
Efficiency if balanced (%)			80%			
Efficiency at design (%)						
Face Velocity (max)						

Filters	Supply deck pre filter		Supply deck main filter		Re-circ deck pre filter	
	Type		TBC		TBC	
Grade		F7		F7		
Clean Pressure Drop (Pa)		TBC		TBC		
Dirty Pressure Drop (Pa)		TBC		TBC		
SFP Based on		Mid cleanliness		Mid cleanliness		

Humidifier	Type	None
	Air On	
	Air Off	
	Evap. Rate (kg/h)	
	Heat Input	N/A
	Control Method	
	Electrical Supply	
	Eliminator (Y/N)	

Dampers	
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OA Dimensions (mm)	
Shipping Weight and Sections (kg)	
Total Operating Weight (kg)	

Notes	Select a fan capable of 10% more volume at 21% more pressure
	Base the SFP on the design condition with filters at mid condition.
	Provide the air off temperatures at the design conditions.
	Provide full sound spectrum data to aid with the selection of attenuation.
	Provide electrical load information.

Project Name -	Extra Care Home Cleckheaton	Project Reference -	3995	Engineer -	PR
BIM Reference -	CLK-WME-XX-XX-SC-M-57-0001				

57-0002 Amenity MVHR Units

Status	Revision	Issue date	Engineer	Check	Comments
Issued for information	P01	31/01/2025	PR		

Unit Reference	MVHR002A				
Type	Horizontal MVHR Unit				
Manufacturer	TBC				
Model Reference	TBC				
Design SFP at design volume flow rate (W/l/s)	1.4 Max at 100%				
Actual SFP at design volume flow rate (W/s/l) full fresh air					
Location	Ground floor Dining				
Qty	1				
Handing	TBC				

Fan Section	Fan section					
	Supply			Extract		
Normal Mode Volume Flow Rate (l/s)	288			288		
Normal Mode External Pressure (Pa)	134.0			88.0		
Type	Backward curved			Backward curved		
Power Supply (V/Ph/Hz)	230/1/50			230/1/50		
Starting Current (Amps):						
Running Current (Amps):						
Motor Rating (kW)						
Absorbed Power (kW)						
Total Efficiency (%)						
Inverter Controlled						
Spring AVM's (mm)						

Fan noise	Supply Fan Noise			Extract Fan Noise		
	Breakout	Discharge	Intake	Breakout	Discharge	Intake
SPL dB(A) @ 1m						
63Hz						
125Hz						
250Hz						
500Hz						
1K Hz						
2K Hz						
4K Hz						
8K Hz						
Overall dBA						

Coils	Coils					
	Frost Coil (LTHW)	Cooling Coil (CHW)	Main Heating Coil (LTHW)			
Type						
Entering Air Condition (°Cdb/°Cwb)						
Leaving Air Condition (°Cdb/°Cwb)						
Duty (kW)						
Fluid Temp On/Off Coil (°C)						
Fluid Flow Rate (l/s)	Not applicable	Not applicable	Not applicable			
Face Velocity (m/s)						
Droplet Eliminator (Y/N)						
Materials Tube / Finish						
Split Coil						
Max Water side Pressure Drop (kPa)						

Heat Recovery	Heat recovery					
	Adiabatic humidifier (in recirc)		PHX		Mixing box	
Type			Fresh air	Recirc		
Air Stream						
Winter condition Air On (db °C)			-5.0	22.50		
Winter condition Air On (wb °C)			-5.0	19.00		
Winter condition Air Off (db °C)						
Winter condition Air Off (wb °C)						
Summer condition Air On (db °C)			29	35.00		
Summer condition Air On (wb °C)			20	25.00		
Summer condition Air Off (db °C)						
Summer condition Air Off (wb °C)						
Efficiency if balanced (%)			80%			
Efficiency at design (%)						
Face Velocity (max)						

Filters	Supply deck pre filter		Supply deck main filter		Re-circ deck pre filter	
	Type		TBC			TBC
Grade		F7			F7	
Clean Pressure Drop (Pa)		TBC			TBC	
Dirty Pressure Drop (Pa)		TBC			TBC	
SFP Based on		Mid cleanliness			Mid cleanliness	

Humidifier	Type	None
	Air On	
	Air Off	
	Evap. Rate (kg/h)	
	Heat Input	N/A
	Control Method	
	Electrical Supply	
	Eliminator (Y/N)	

Dampers	
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OA Dimensions (mm)	
Shipping Weight and Sections (kg)	
Total Operating Weight (kg)	

Notes	This performance schedule is to be read in conjunction with the project mechanical specification documents
	Provide the air off temperatures at the design conditions.
	Provide full sound spectrum data to aid with the selection of attenuation.
	Provide electrical load information.

Project Name -	Extra Care Home Cleckheaton	Project Reference -	3995	Engineer -	PR
BIM Reference -	CLK-WME-XX-XX-SC-M-57-0001				

57-0002 Amenity MVHR Units

Status	Revision	Issue date	Engineer	Check	Comments
Issued for information	P01	31/01/2025	PR		

Unit Reference	MVHR002B				
Type	Horizontal MVHR Unit				
Manufacturer	TBC				
Model Reference	TBC				
Design SFP at design volume flow rate (W/l/s)	1.4 Max at 100%				
Actual SFP at design volume flow rate (W/s/l) full fresh air					
Location	Ground floor Dining				
Qty	1				
Handing	TBC				

Fan Section	Fan section					
	Supply			Extract		
Normal Mode Volume Flow Rate (l/s)	288			288		
Normal Mode External Pressure (Pa)	150.0			88.0		
Type	Backward curved			Backward curved		
Power Supply (V/Ph/Hz)	230/1/50			230/1/50		
Starting Current (Amps):						
Running Current (Amps):						
Motor Rating (kW)						
Absorbed Power (kW)						
Total Efficiency (%)						
Inverter Controlled						
Spring AVM's (mm)						

Fan noise	Supply Fan Noise			Extract Fan Noise		
	Breakout	Discharge	Intake	Breakout	Discharge	Intake
SPL dB(A) @ 1m						
63Hz						
125Hz						
250Hz						
500Hz						
1K Hz						
2K Hz						
4K Hz						
8K Hz						
Overall dBA						

Coils	Coils					
	Frost Coil (LTHW)	Cooling Coil (CHW)	Main Heating Coil (LTHW)			
Type						
Entering Air Condition (°Cdb/°Cwb)						
Leaving Air Condition (°Cdb/°Cwb)						
Duty (kW)						
Fluid Temp On/Off Coil (°C)						
Fluid Flow Rate (l/s)	Not applicable	Not applicable	Not applicable			
Face Velocity (m/s)						
Droplet Eliminator (Y/N)						
Materials Tube / Finish						
Split Coil						
Max Water side Pressure Drop (kPa)						

Heat Recovery	Heat recovery					
	Adiabatic humidifier (in recirc)		PHX		Mixing box	
Type			Fresh air	Recirc		
Air Stream						
Winter condition Air On (db °C)			-5.0	22.50		
Winter condition Air On (wb °C)			-5.0	19.00		
Winter condition Air Off (db °C)						
Winter condition Air Off (wb °C)						
Summer condition Air On (db °C)			29	35.00		
Summer condition Air On (wb °C)			20	25.00		
Summer condition Air Off (db °C)						
Summer condition Air Off (wb °C)						
Efficiency if balanced (%)			80%			
Efficiency at design (%)						
Face Velocity (max)						

Filters	Supply deck pre filter		Supply deck main filter		Re-circ deck pre filter	
	Type		TBC		TBC	
Grade		F7		F7		
Clean Pressure Drop (Pa)		TBC		TBC		
Dirty Pressure Drop (Pa)		TBC		TBC		
SFP Based on		Mid cleanliness		Mid cleanliness		

Humidifier	Type	None
	Air On	
	Air Off	
	Evap. Rate (kg/h)	
	Heat Input	N/A
	Control Method	
	Electrical Supply	
	Eliminator (Y/N)	

Dampers	

OA Dimensions (mm)	
Shipping Weight and Sections (kg)	
Total Operating Weight (kg)	

Notes	This performance schedule is to be read in conjunction with the project mechanical specification documents
	Provide the air off temperatures at the design conditions.
	Provide full sound spectrum data to aid with the selection of attenuation.
	Provide electrical load information.

Project Name -	Extra Care Home Cleckheaton	Project Reference -	3995	Engineer -	PR
BIM Reference -	CLK-WME-XX-XX-SC-M-57-0001				

57-0002 Amenity MVHR Units

Status	Revision	Issue date	Engineer	Check	Comments
Issued for information	P01	31/01/2025	PR		

Unit Reference	MVHR003				
Type	Horizontal MVHR Unit				
Manufacturer	TBC				
Model Reference	TBC				
Design SFP at design volume flow rate (W/l/s)	1.4 Max at 100%				
Actual SFP at design volume flow rate (W/s/l) full fresh air					
Location	Ground Floor Lounge				
Qty	1				
Handing	TBC				

Fan Section	Fan section					
	Supply			Extract		
Normal Mode Volume Flow Rate (l/s)	324			324		
Normal Mode External Pressure (Pa)	140.0			95.0		
Type	Backward curved			Backward curved		
Power Supply (V/Ph/Hz)	230/1/50			230/1/50		
Starting Current (Amps):						
Running Current (Amps):						
Motor Rating (kW)						
Absorbed Power (kW)						
Total Efficiency (%)						
Inverter Controlled						
Spring AVM's (mm)						

Fan noise	Supply Fan Noise			Extract Fan Noise		
	Breakout	Discharge	Intake	Breakout	Discharge	Intake
SPL dB(A) @ 1m						
63Hz						
125Hz						
250Hz						
500Hz						
1K Hz						
2K Hz						
4K Hz						
8K Hz						
Overall dBA						

Coils	Coils					
	Frost Coil (LTHW)	Cooling Coil (CHW)	Main Heating Coil (LTHW)			
Type						
Entering Air Condition (°Cdb/°Cwb)						
Leaving Air Condition (°Cdb/°Cwb)						
Duty (kW)						
Fluid Temp On/Off Coil (°C)						
Fluid Flow Rate (l/s)	Not applicable	Not applicable	Not applicable			
Face Velocity (m/s)						
Droplet Eliminator (Y/N)						
Materials Tube / Finish						
Split Coil						
Max Water side Pressure Drop (kPa)						

Heat Recovery	Heat recovery					
	Adiabatic humidifier (in recirc)		PHX		Mixing box	
Type			Fresh air	Recirc		
Air Stream						
Winter condition Air On (db °C)			-5.0	22.50		
Winter condition Air On (wb °C)			-5.0	19.00		
Winter condition Air Off (db °C)						
Winter condition Air Off (wb °C)						
Summer condition Air On (db °C)			29	35.00		
Summer condition Air On (wb °C)			20	25.00		
Summer condition Air Off (db °C)						
Summer condition Air Off (wb °C)						
Efficiency if balanced (%)			80%			
Efficiency at design (%)						
Face Velocity (max)						

Filters	Supply deck pre filter				Supply deck main filter		Re-circ deck pre filter			
	Type	Grade	Clean Pressure Drop (Pa)	Dirty Pressure Drop (Pa)	SFP Based on	Type	Grade	Clean Pressure Drop (Pa)	Dirty Pressure Drop (Pa)	SFP Based on
					Mid cleanliness					Mid cleanliness

Humidifier	Type	None
	Air On	
	Air Off	
	Evap. Rate (kg/h)	
	Heat Input	N/A
	Control Method	
	Electrical Supply	
	Eliminator (Y/N)	

Dampers	
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OA Dimensions (mm)	
Shipping Weight and Sections (kg)	
Total Operating Weight (kg)	

Notes	This performance schedule is to be read in conjunction with the project mechanical specification documents
	Provide the air off temperatures at the design conditions.
	Provide full sound spectrum data to aid with the selection of attenuation.
	Provide electrical load information.

Project Name -	Extra Care Home Cleckheaton	Project Reference -	3995	Engineer -	PR
BIM Reference -	CLK-WME-XX-XX-SC-M-57-0001				

57-0002 Amenity MVHR Units

Status	Revision	Issue date	Engineer	Check	Comments
Issued for information	P01	31/01/2025	PR		

Unit Reference	MVHR004				
Type	Horizontal MVHR Unit				
Manufacturer	TBC				
Model Reference	TBC				
Design SFP at design volume flow rate (W/l/s)	1.4 Max at 100%				
Actual SFP at design volume flow rate (W/s/l) full fresh air					
Location	First Floor Staff Room				
Qty	1				
Handing	TBC				

Fan Section	Fan section					
	Supply			Extract		
Normal Mode Volume Flow Rate (l/s)	192			214		
Normal Mode External Pressure (Pa)	106.0			145.0		
Type	Backward curved			Backward curved		
Power Supply (V/Ph/Hz)	230/1/50			230/1/50		
Starting Current (Amps):						
Running Current (Amps):						
Motor Rating (kW)						
Absorbed Power (kW)						
Total Efficiency (%)						
Inverter Controlled						
Spring AVM's (mm)						

Fan noise	Supply Fan Noise			Extract Fan Noise		
	Breakout	Discharge	Intake	Breakout	Discharge	Intake
SPL dB(A) @ 1m						
63Hz						
125Hz						
250Hz						
500Hz						
1K Hz						
2K Hz						
4K Hz						
8K Hz						
Overall dBA						

Coils	Coils					
	Frost Coil (LTHW)	Cooling Coil (CHW)	Main Heating Coil (LTHW)			
Type						
Entering Air Condition (°Cdb/°Cwb)						
Leaving Air Condition (°Cdb/°Cwb)						
Duty (kW)						
Fluid Temp On/Off Coil (°C)						
Fluid Flow Rate (l/s)	Not applicable	Not applicable	Not applicable			
Face Velocity (m/s)						
Droplet Eliminator (Y/N)						
Materials Tube / Finish						
Split Coil						
Max Water side Pressure Drop (kPa)						

Heat Recovery	Heat recovery					
	Adiabatic humidifier (in recirc)		PHX		Mixing box	
Type			Fresh air	Recirc		
Air Stream						
Winter condition Air On (db °C)			-5.0	22.50		
Winter condition Air On (wb °C)			-5.0	19.00		
Winter condition Air Off (db °C)						
Winter condition Air Off (wb °C)						
Summer condition Air On (db °C)			29	35.00		
Summer condition Air On (wb °C)			20	25.00		
Summer condition Air Off (db °C)						
Summer condition Air Off (wb °C)						
Efficiency if balanced (%)			80%			
Efficiency at design (%)						
Face Velocity (max)						

Filters	Supply deck pre filter		Supply deck main filter		Re-circ deck pre filter	
	Type		TBC		TBC	
Grade		F7		F7		
Clean Pressure Drop (Pa)		TBC		TBC		
Dirty Pressure Drop (Pa)		TBC		TBC		
SFP Based on		Mid cleanliness		Mid cleanliness		

Humidifier	Type	None
	Air On	
	Air Off	
	Evap. Rate (kg/h)	
	Heat Input	N/A
	Control Method	
	Electrical Supply	
	Eliminator (Y/N)	

Dampers	

OA Dimensions (mm)	
Shipping Weight and Sections (kg)	
Total Operating Weight (kg)	

Notes	This performance schedule is to be read in conjunction with the project mechanical specification documents
	Provide the air off temperatures at the design conditions.
	Provide full sound spectrum data to aid with the selection of attenuation.
	Provide electrical load information.

Project Name -	Extra Care Home Cleckheaton	Project Reference -	3995	Engineer -	PR
BIM Reference -	CLK-WME-XX-XX-SC-M-57-0001				

57-0002 Amenity MVHR Units

Status	Revision	Issue date	Engineer	Check	Comments
Issued for information	P01	31/01/2025	PR		

Unit Reference	MVHR005				
Type	Vertical Wall Mounted MVHR Unit				
Manufacturer	TBC				
Model Reference	TBC				
Design SFP at design volume flow rate (W/l/s)	1.4 Max at 100%				
Actual SFP at design volume flow rate (W/s/l) full fresh air					
Location	First Floor Seating Area				
Qty	1				
Handing	TBC				

Fan Section	Fan section					
	Supply			Extract		
Normal Mode Volume Flow Rate (l/s)	48			48		
Normal Mode External Pressure (Pa)	127.0			123.0		
Type	Backward curved			Backward curved		
Power Supply (V/Ph/Hz)	230/1/50			230/1/50		
Starting Current (Amps):						
Running Current (Amps):						
Motor Rating (kW)						
Absorbed Power (kW)						
Total Efficiency (%)						
Inverter Controlled						
Spring AVM's (mm)						

Fan noise	Supply Fan Noise			Extract Fan Noise		
	Breakout	Discharge	Intake	Breakout	Discharge	Intake
SPL dB(A) @ 1m						
63Hz						
125Hz						
250Hz						
500Hz						
1K Hz						
2K Hz						
4K Hz						
8K Hz						
Overall dBA						

Coils	Coils					
	Frost Coil (LTHW)	Cooling Coil (CHW)	Main Heating Coil (LTHW)			
Type						
Entering Air Condition (°Cdb/°Cwb)						
Leaving Air Condition (°Cdb/°Cwb)						
Duty (kW)						
Fluid Temp On/Off Coil (°C)						
Fluid Flow Rate (l/s)	Not applicable	Not applicable	Not applicable			
Face Velocity (m/s)						
Droplet Eliminator (Y/N)						
Materials Tube / Finish						
Split Coil						
Max Water side Pressure Drop (kPa)						

Heat Recovery	Heat recovery					
	Adiabatic humidifier (in recirc)		PHX		Mixing box	
Type			Fresh air	Recirc		
Air Stream						
Winter condition Air On (db °C)			-5.0	22.50		
Winter condition Air On (wb °C)			-5.0	19.00		
Winter condition Air Off (db °C)						
Winter condition Air Off (wb °C)						
Summer condition Air On (db °C)			29	35.00		
Summer condition Air On (wb °C)			20	25.00		
Summer condition Air Off (db °C)						
Summer condition Air Off (wb °C)						
Efficiency if balanced (%)			80%			
Efficiency at design (%)						
Face Velocity (max)						

Filters	Supply deck pre filter				Supply deck main filter		Re-circ deck pre filter			
	Type	Grade	Clean Pressure Drop (Pa)	Dirty Pressure Drop (Pa)	SFP Based on	Type	Grade	Clean Pressure Drop (Pa)	Dirty Pressure Drop (Pa)	SFP Based on
					Mid cleanliness					Mid cleanliness

Humidifier	Type	None
	Air On	
	Air Off	
	Evap. Rate (kg/h)	
	Heat Input	N/A
	Control Method	
	Electrical Supply	
	Eliminator (Y/N)	

Dampers	
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OA Dimensions (mm)	
Shipping Weight and Sections (kg)	
Total Operating Weight (kg)	

Notes	This performance schedule is to be read in conjunction with the project mechanical specification documents
	Provide the air off temperatures at the design conditions.
	Provide full sound spectrum data to aid with the selection of attenuation.
	Provide electrical load information.

Project Name -	Extra Care Home Cleckheaton	Project Reference -	3995	Engineer -	PR
BIM Reference -	CLK-WME-XX-XX-SC-M-57-0001				

57-0002 Amenity MVHR Units

Status	Revision	Issue date	Engineer	Check	Comments
Issued for information	P01	31/01/2025	PR		

Unit Reference	MVHR006				
Type	Vertical Wall Mounted MVHR Unit				
Manufacturer	TBC				
Model Reference	TBC				
Design SFP at design volume flow rate (W/l/s)	1.4 Max at 100%				
Actual SFP at design volume flow rate (W/s/l) full fresh air					
Location	First Floor Seating Area				
Qty	1				
Handing	TBC				

Fan Section	Fan section					
	Supply			Extract		
Normal Mode Volume Flow Rate (l/s)	60			60		
Normal Mode External Pressure (Pa)	127.0			123.0		
Type	Backward curved			Backward curved		
Power Supply (V/Ph/Hz)	230/1/50			230/1/50		
Starting Current (Amps):						
Running Current (Amps):						
Motor Rating (kW)						
Absorbed Power (kW)						
Total Efficiency (%)						
Inverter Controlled						
Spring AVM's (mm)						

Fan noise	Supply Fan Noise			Extract Fan Noise		
	Breakout	Discharge	Intake	Breakout	Discharge	Intake
SPL dB(A) @ 1m						
63Hz						
125Hz						
250Hz						
500Hz						
1K Hz						
2K Hz						
4K Hz						
8K Hz						
Overall dBA						

Coils	Coils					
	Frost Coil (LTHW)	Cooling Coil (CHW)	Main Heating Coil (LTHW)			
Type						
Entering Air Condition (°Cdb/°Cwb)						
Leaving Air Condition (°Cdb/°Cwb)						
Duty (kW)						
Fluid Temp On/Off Coil (°C)						
Fluid Flow Rate (l/s)	Not applicable	Not applicable	Not applicable			
Face Velocity (m/s)						
Droplet Eliminator (Y/N)						
Materials Tube / Finish						
Split Coil						
Max Water side Pressure Drop (kPa)						

Heat Recovery	Heat recovery					
	Adiabatic humidifier (in recirc)		PHX		Mixing box	
Type			Fresh air	Recirc		
Air Stream						
Winter condition Air On (db °C)			-5.0	22.50		
Winter condition Air On (wb °C)			-5.0	19.00		
Winter condition Air Off (db °C)						
Winter condition Air Off (wb °C)						
Summer condition Air On (db °C)			29	35.00		
Summer condition Air On (wb °C)			20	25.00		
Summer condition Air Off (db °C)						
Summer condition Air Off (wb °C)						
Efficiency if balanced (%)			80%			
Efficiency at design (%)						
Face Velocity (max)						

Filters	Supply deck pre filter				Supply deck main filter		Re-circ deck pre filter			
	Type	Grade	Clean Pressure Drop (Pa)	Dirty Pressure Drop (Pa)	SFP Based on	Type	Grade	Clean Pressure Drop (Pa)	Dirty Pressure Drop (Pa)	SFP Based on
					Mid cleanliness					Mid cleanliness

Humidifier	Type	None
	Air On	
	Air Off	
	Evap. Rate (kg/h)	
	Heat Input	N/A
	Control Method	
	Electrical Supply	
	Eliminator (Y/N)	

Dampers	
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OA Dimensions (mm)	
Shipping Weight and Sections (kg)	
Total Operating Weight (kg)	

Notes	Select a fan capable of 10% more volume at 21% more pressure
	Base the SFP on the design condition with filters at mid condition.
	Provide the air off temperatures at the design conditions.
	Provide full sound spectrum data to aid with the selection of attenuation.
	Provide electrical load information.