



Represented by:  
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## Technical Data for Fan Model CE454D

### Location:

Designation: F-15

### Performance - Required

Air Flow: 870 L/s  
Static Pressure: 220 Pa  
Selection Pressure: 220 Pa  
Installation Type: n/a  
Air Density: 1.204 kg/m<sup>3</sup>  
Atmos. Temp.: 20 °C  
Altitude: m  
Humidity: 0.0 %

### Actual

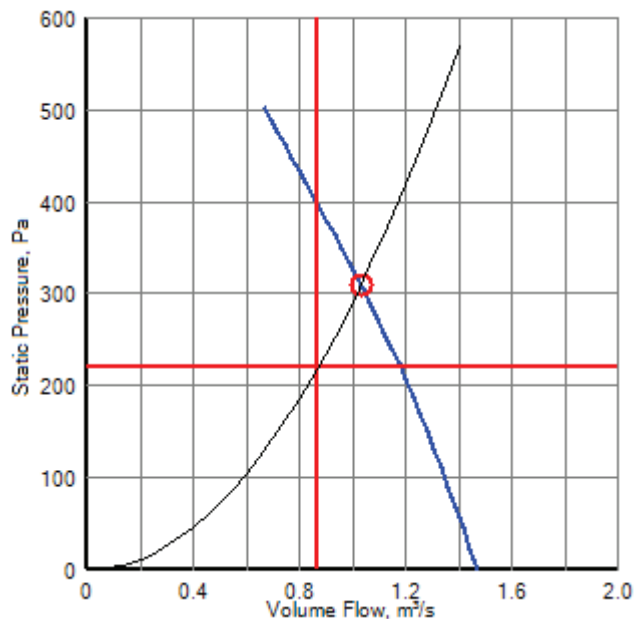
Air Flow: 1032 L/s  
Static Pressure: 310 Pa  
Total Pressure: 310 Pa

### Fan Data

Catalogue Code: CE454D  
Description: Gamma Downflow Series

Diameter: 450 mm  
Impeller Type: Centrifugal  
Blade Material: -  
Speed: 1230 RPM  
Power, Abs: 0.00  
Efficiency, Total: 0.0%  
Fan Weight: 38.0 kg

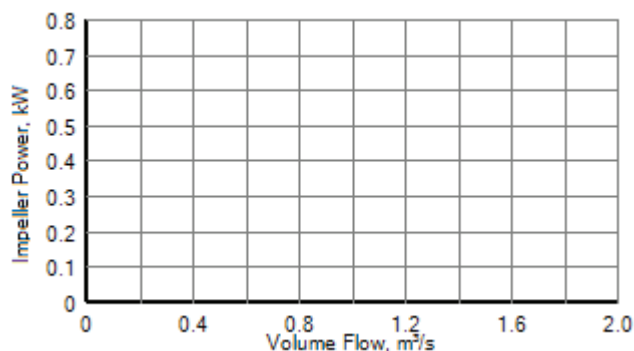
Running: 50 Hz  
Peak: 0.00  
Static: 0.0%



### Motor Data (at STP)

Motor Type:  
Electrical Supply: 1ph 240V 50Hz  
Motor Frame:  
Motor Power: 0.73 kW  
Motor FLC/Start: 3.3 / 9.90  
Motor Speed: 4 pole  
Motor Efficiency: -

Energy Efficiency, NCC/BCA Vol. 1, Table J5.2 compliant  
+ 2006 - 2009



### Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	86	84	79	76	70	71	71	67	89	59

### Energy Sustainability Data

Hours per Day (\$):	10	Annual Electricity Cost (\$):	350.4
Days per Year :	300	Annual GH Gas (Tonnes):	3.2
CO2 per kWh (kg) :	1.467	Annual Carbon Usage (Tonnes):	0.9
Cost per kWh (\$) :	0.16		

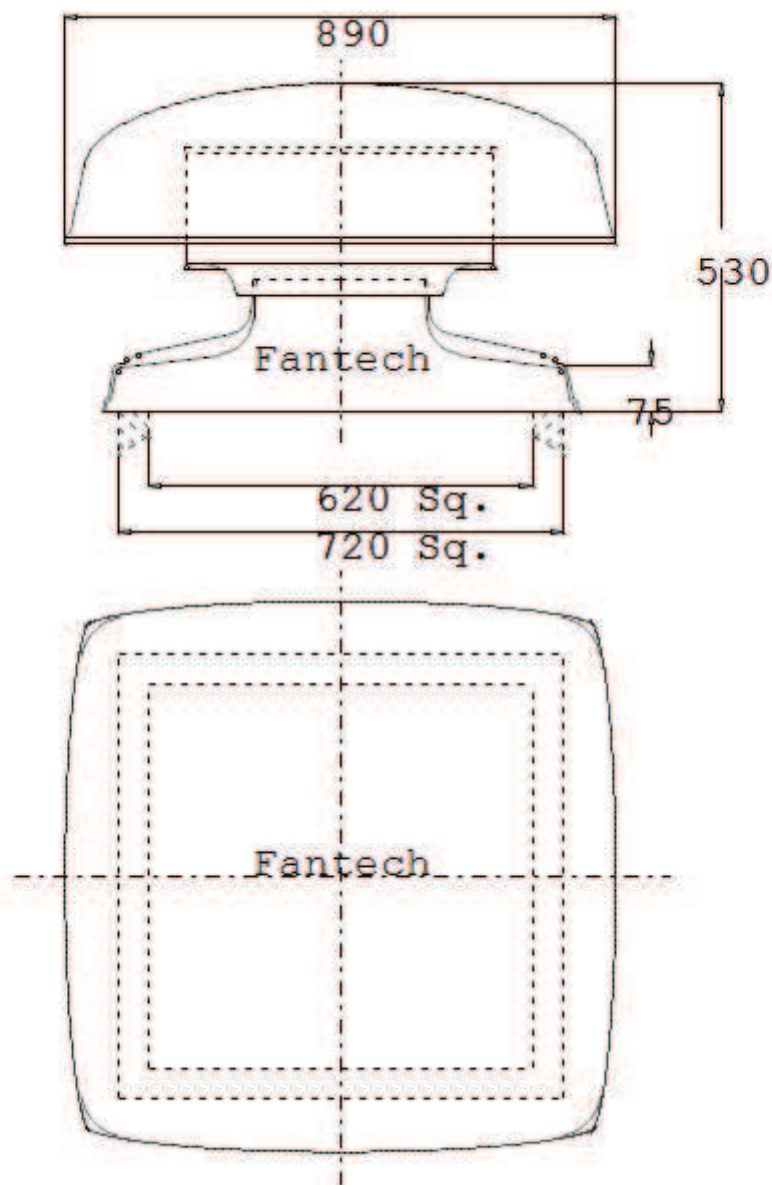


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## Drawing for Fan Model CE454D

Location:

Designation: F-15



On-going product improvements may result in dimensional changes without notice.



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## Technical Data for Fan Model CE454D

### Location:

Designation: F-16

### Performance - Required

Air Flow: 1085 L/s  
Static Pressure: 185 Pa  
Selection Pressure: 185 Pa  
Installation Type: n/a  
Air Density: 1.204 kg/m<sup>3</sup>  
Atmos. Temp.: 20 °C  
Altitude: m  
Humidity: 0.0 %

### Actual

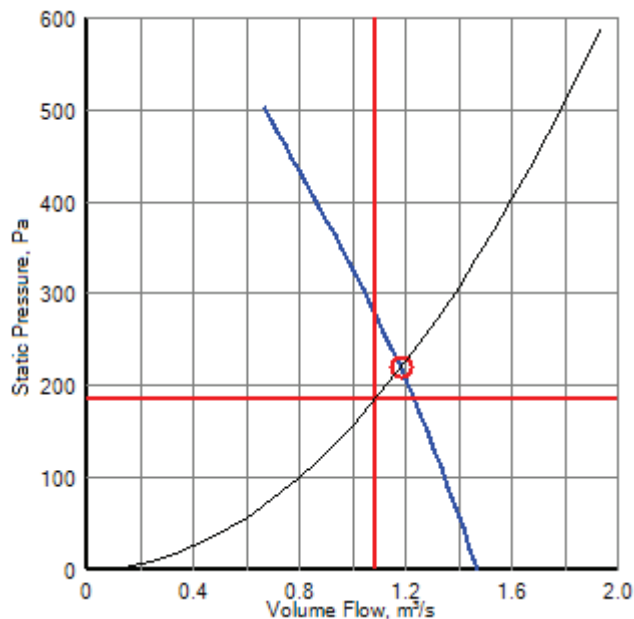
Air Flow: 1181 L/s  
Static Pressure: 219 Pa  
Total Pressure: 219 Pa

### Fan Data

Catalogue Code: CE454D  
Description: Gamma Downflow Series

Diameter: 450 mm  
Impeller Type: Centrifugal  
Blade Material: -  
Speed: 1230 RPM  
Power, Abs: 0.00  
Efficiency, Total: 0.0%  
Fan Weight: 38.0 kg

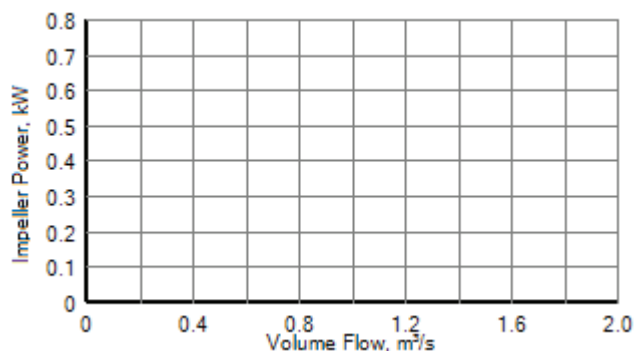
Running: 50 Hz  
Peak: 0.00  
Static: 0.0%



### Motor Data (at STP)

Motor Type:  
Electrical Supply: 1ph 240V 50Hz  
Motor Frame:  
Motor Power: 0.73 kW  
Motor FLC/Start: 3.3 / 9.90  
Motor Speed: 4 pole  
Motor Efficiency: -

Energy Efficiency, NCC/BCA Vol. 1, Table J5.2 compliant  
+ 2006 - 2009



### Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	84	82	77	74	68	69	69	65	87	57

### Energy Sustainability Data

Hours per Day (\$):	10	Annual Electricity Cost (\$):	350.4
Days per Year :	300	Annual GH Gas (Tonnes):	3.2
CO2 per kWh (kg) :	1.467	Annual Carbon Usage (Tonnes):	0.9
Cost per kWh (\$) :	0.16		



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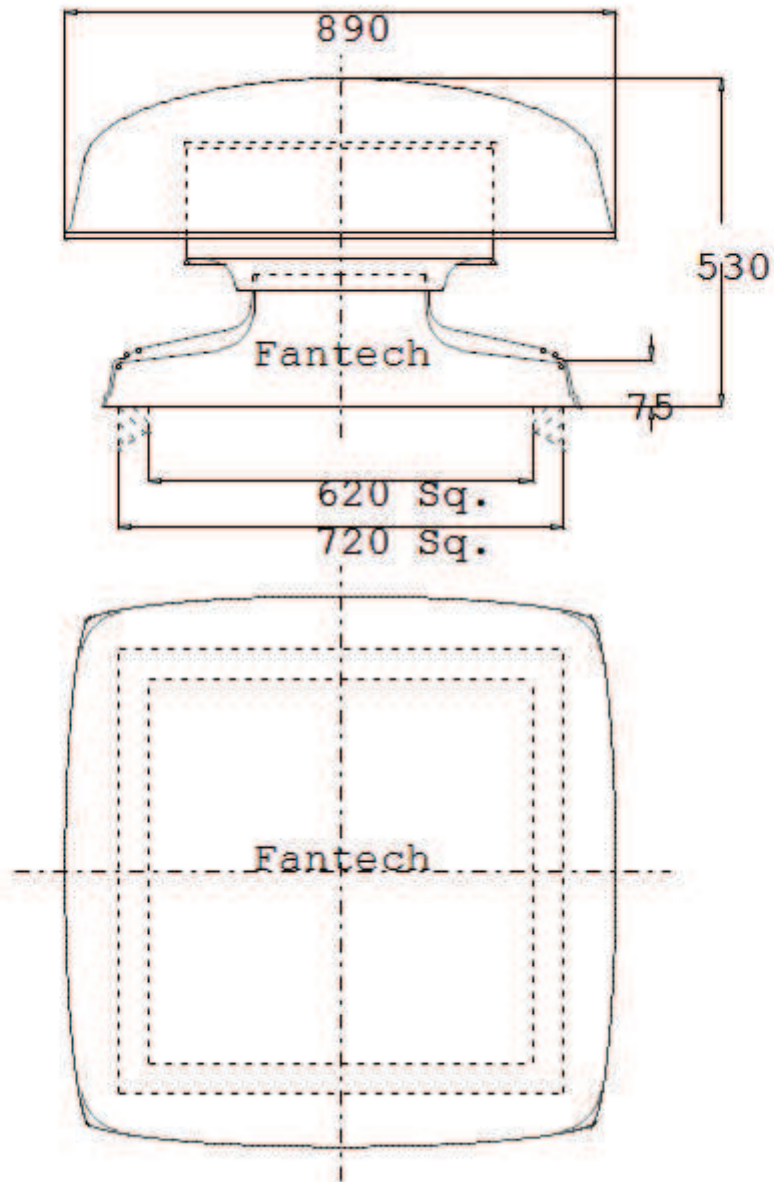
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## Drawing for Fan Model CE454D

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Location:

Designation: F-16



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## Technical Data for Fan Model CE454D

**Location:**

**Designation:** F-17

### Performance - Required

Air Flow: 860 L/s  
Static Pressure: 210 Pa  
Selection Pressure: 210 Pa  
Installation Type: n/a  
Air Density: 1.204 kg/m<sup>3</sup>  
Atmos. Temp.: 20 °C  
Altitude: m  
Humidity: 0.0 %

### Actual

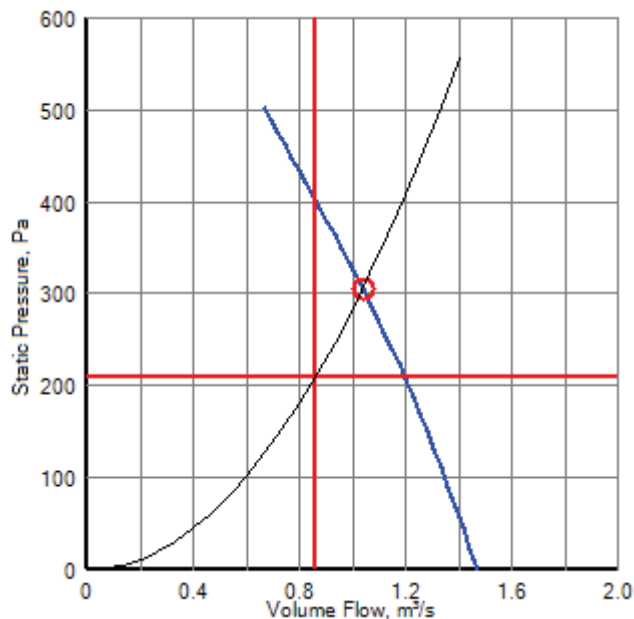
Air Flow: 1038 L/s  
Static Pressure: 306 Pa  
Total Pressure: 306 Pa

### Fan Data

Catalogue Code: CE454D  
Description: Gamma Downflow Series

Diameter: 450 mm  
Impeller Type: Centrifugal  
Blade Material: -  
Speed: 1230 RPM  
Power, Abs: 0.00  
Efficiency, Total: 0.0%  
Fan Weight: 38.0 kg

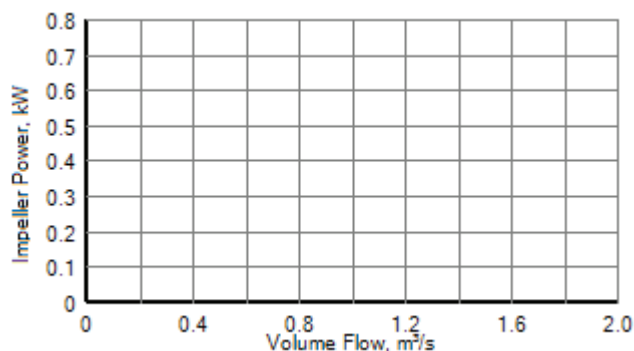
Running: 50 Hz  
Peak: 0.00  
Static: 0.0%



### Motor Data (at STP)

Motor Type:  
Electrical Supply: 1ph 240V 50Hz  
Motor Frame:  
Motor Power: 0.73 kW  
Motor FLC/Start: 3.3 / 9.90  
Motor Speed: 4 pole  
Motor Efficiency: -

**Energy Efficiency, NCC/BCA Vol. 1, Table J5.2 compliant**  
+ 2006 - 2009



### Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	86	84	79	76	70	71	71	67	89	59

### Energy Sustainability Data

Hours per Day (\$):	10	Annual Electricity Cost (\$):	350.4
Days per Year :	300	Annual GH Gas (Tonnes):	3.2
CO2 per kWh (kg) :	1.467	Annual Carbon Usage (Tonnes):	0.9
Cost per kWh (\$) :	0.16		

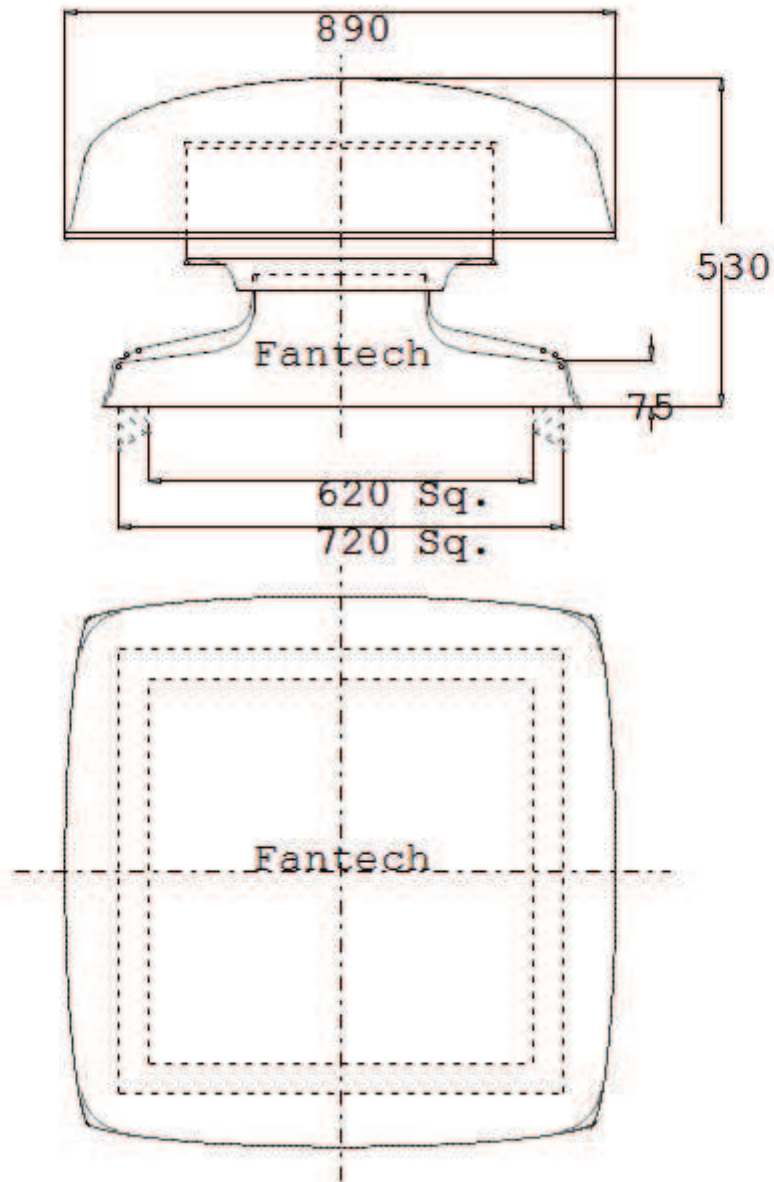


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## Drawing for Fan Model CE454D

Location:

Designation: F-17



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## Technical Data for Fan Model CE454D

### Location:

Designation: F-20

### Performance - Required

Air Flow: 1085 L/s  
Static Pressure: 190 Pa  
Selection Pressure: 190 Pa  
Installation Type: n/a  
Air Density: 1.204 kg/m<sup>3</sup>  
Atmos. Temp.: 20 °C  
Altitude: m  
Humidity: 0.0 %

### Actual

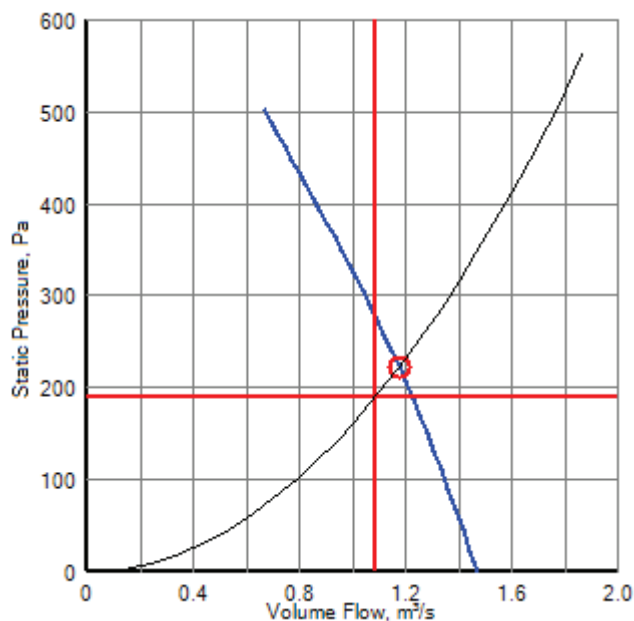
Air Flow: 1176 L/s  
Static Pressure: 223 Pa  
Total Pressure: 223 Pa

### Fan Data

Catalogue Code: CE454D  
Description: Gamma Downflow Series

Diameter: 450 mm  
Impeller Type: Centrifugal  
Blade Material: -  
Speed: 1230 RPM  
Power, Abs: 0.00  
Efficiency, Total: 0.0%  
Fan Weight: 38.0 kg

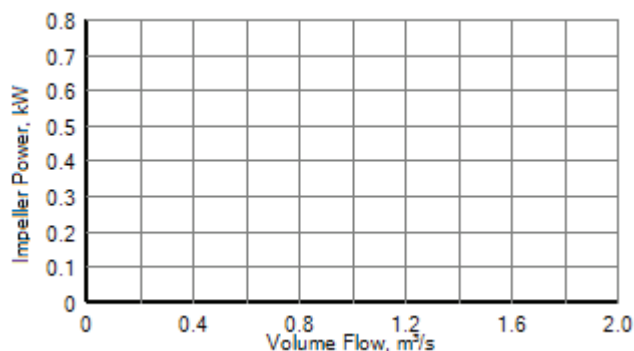
Running: 50 Hz  
Peak: 0.00  
Static: 0.0%



### Motor Data (at STP)

Motor Type:  
Electrical Supply: 1ph 240V 50Hz  
Motor Frame:  
Motor Power: 0.73 kW  
Motor FLC/Start: 3.3 / 9.90  
Motor Speed: 4 pole  
Motor Efficiency: -

Energy Efficiency, NCC/BCA Vol. 1, Table J5.2 compliant  
+ 2006 - 2009



### Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	84	82	77	74	68	69	69	65	87	57

### Energy Sustainability Data

Hours per Day (\$):	10	Annual Electricity Cost (\$):	350.4
Days per Year :	300	Annual GH Gas (Tonnes):	3.2
CO2 per kWh (kg) :	1.467	Annual Carbon Usage (Tonnes):	0.9
Cost per kWh (\$) :	0.16		



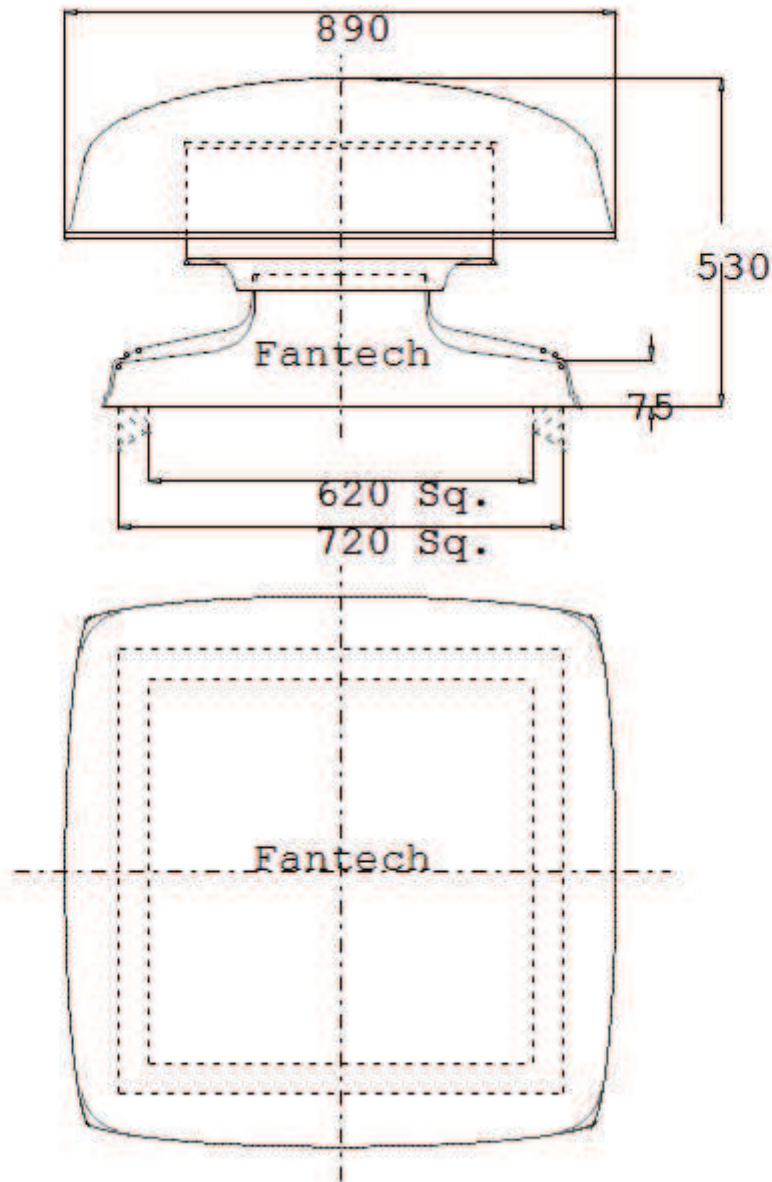


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## Drawing for Fan Model CE454D

Location:

Designation: F-20



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