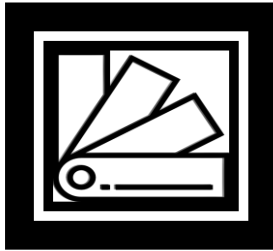


HIGH STATIC FAN COIL UNIT

Our quality build your comfort

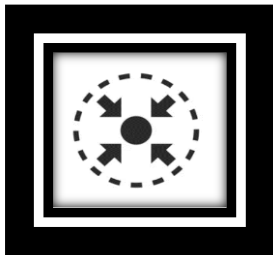


Features



Wide Range of Products

Wide range of cooling capacity to cater for various needs.



Compact

Optimum dimension with minimum footprint and size.



Coil Coating

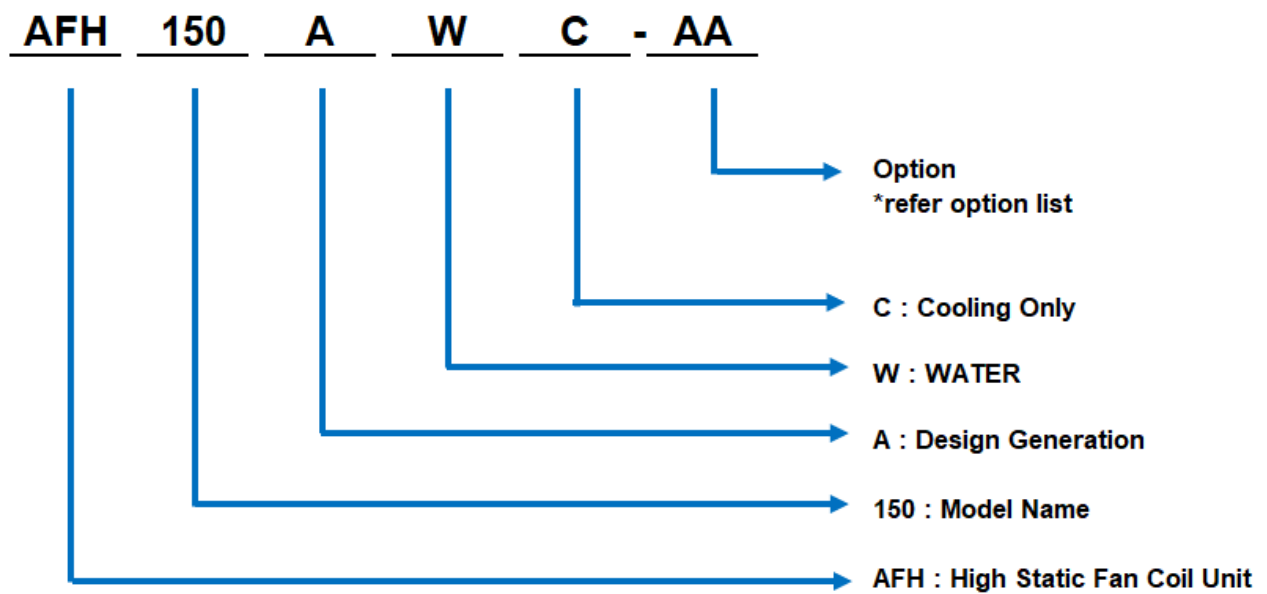
Outdoor and indoor coil coating available for extra protection against corrosion.



Technical Performance Guarantee

Coil selection by certified AHRI software.

Nomenclature



Option list

Controller

AA	W/O Thermostat controller
BA	With Thermostat controller

Coil Coating

XC	Epoxy Coating
HC	Heresite Coating

Power Source

P6	380~400V/3/60hz, 220~230V/1/60hz
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Accessories

EH	Electrical Heater
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Specification Data(50Hz)

MODEL			AFH030	AFH040	AFH050	AFH060	AFH070
NOMINAL CAPACITY	kW		8.79	11.72	14.65	17.58	20.52
	Btu/Hr		30000	40000	50000	60000	70000
AIR FLOW	l/s		420	520	620	800	900
	m ³ /h		1512	1872	2232	2880	3240
STANDARD ESP	Pa		150	150	150	150	150
NOMINAL POWER SUPPLY		V/Ph/Hz	220~240/1/50~60				
FAN	TYPE		CENTRIFUGAL FAN				
	DRIVE		DIRECT DRIVE				
	QUANTITY	pcs	1	1	1	1	2
FAN MOTOR	TYPE		SINGLE PHASE, 3 SPEEDS				
	QUANTITY	pcs	1	1	1	1	2
	POWER INPUT	kW	0.54	0.63	0.86	1.02	1.28
	POWER OUTPUT	kW	0.38	0.38	0.45	0.55	0.75
	INPUT CURRENT	A	2.51	2.91	4.01	4.73	5.96
COIL	TYPE		AL-CU FINNED TUBE HEAT EXCHANGER				
	ROW - FPI		4 - 14	4 - 14	4 - 14	4 - 14	4 - 14
	FACE AREA	m ²	0.21	0.25	0.30	0.36	0.40
WATER FLOW RATE		m ³ /h	1.53	2.05	2.52	3.10	3.57
		l/s	0.43	0.57	0.70	0.86	0.99
FILTER	TYPE		WASHABLE G2				
	HEIGHT	mm	460	460	460	460	460
	LENGTH	mm	500	500	600	750	900
	DEPTH	mm	12	12	12	12	12
	QUANTITY	pcs	1	1	1	1	1
CONNECTIONS	SUPPLY	inch	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
	RETURN	inch	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
	DRAIN PIPE	inch	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
NET WEIGHT		kg	60	66	67	69	92
DIMENSIONS	HEIGHT	mm	550	550	550	550	550
	WIDTH	mm	600	670	770	900	1000
	LENGTH	mm	680	680	680	680	680

Note :

- Test conditions of nominal total cooling capacity as below:
 - Indoor Condition: 27°C DB / 19°C WB
 - Inlet Water: 7°C
 - Outlet Water: 12°C
- Non standard Air Flow and ESP are available upon request
- Materials and specifications are subject to change without notice due to the manufacturer's ongoing research and development programme

Specification Data(50Hz)

MODEL			AFH090	AFH100	AFH120	AFH150	AFH200
NOMINAL CAPACITY		kW	26.38	29.31	35.17	43.96	58.62
		Btu/Hr	90000	100000	120000	150000	200000
AIR FLOW		l/s	1120	1320	1550	2400	2800
		m3/h	4032	4752	5580	8640	10080
STANDARD ESP		Pa	150	150	200	200	250
NOMINAL POWER SUPPLY		V/Ph/Hz	220~240/1/50~60			380-415/3/50~60	
FAN	TYPE		CENTRIFUGAL FAN				
	DRIVE		DIRECT DRIVE			BELT DRIVEN	
	QUANTITY	pcs	2	2	2	1	1
FAN MOTOR	TYPE		SINGLE PHASE, 3 SPEEDS			THREE PHASE, SINGLE SPEED	
	QUANTITY	pcs	2	2	2	1	1
	POWER INPUT	kW	1.56	1.79	1.88	2.16	2.95
	POWER OUTPUT	kW	0.90	0.90	1.10	2.20	3.00
	INPUT CURRENT	A	7.22	8.32	8.72	3.71	5.05
COIL	TYPE		AL-CU FINNED TUBE HEAT EXCHANGER				
	ROW - FPI		4 - 14	4 - 14	4 - 14	4 - 12	4 - 12
	FACE AREA	m2	0.50	0.57	0.69	1.02	1.29
WATER FLOW RATE		m3/h	4.58	5.01	6.16	7.86	10.02
		l/s	1.27	1.39	1.71	2.18	2.78
FILTER	TYPE		WASHABLE G2				
	HEIGHT	mm	460	460	460	710	710
	LENGTH	mm	1000	1200	1450	1340	1640
	DEPTH	mm	12	12	12	12	12
	QUANTITY	pcs	1	1	1	1	1
CONNECTIONS	SUPPLY	inch	1" BSPT	1" BSPT	1" BSPT	1.5" BSPT	2" BSPT
	RETURN	inch	1" BSPT	1" BSPT	1" BSPT	1.5" BSPT	2" BSPT
	DRAIN PIPE	inch	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
NET WEIGHT		kg	97	105	117	170	200
DIMENSIONS	HEIGHT	mm	550	550	550	1487	1541
	WIDTH	mm	1200	1350	1600	1346	1651
	LENGTH	mm	680	680	680	710	764

Note :

- Test conditions of nominal total cooling capacity as below:
 - Indoor Condition: 27°C DB / 19°C WB
 - Inlet Water: 7°C
 - Outlet Water: 12°C
- Non standard Air Flow and ESP are available upon request
- Materials and specifications are subject to change without notice due to the manufacturer's ongoing research and development programme

Specification Data(60Hz)

MODEL			AFH030	AFH040	AFH050	AFH060	AFH070
NOMINAL CAPACITY	kW		8.79	11.72	14.65	17.58	20.52
	Btu/Hr		30000	40000	50000	60000	70000
AIR FLOW	l/s		420	520	620	800	900
	m ³ /h		1512	1872	2232	2880	3240
STANDARD ESP	Pa		150	150	150	150	150
NOMINAL POWER SUPPLY		V/Ph/Hz	220~230/1/60				
FAN	TYPE		CENTRIFUGAL FAN				
	DRIVE		DIRECT DRIVE				
	QUANTITY	pcs	1	1	1	1	2
FAN MOTOR	TYPE		SINGLE PHASE, 3 SPEEDS				
	QUANTITY	pcs	1	1	1	1	2
	POWER INPUT	kW	0.40	0.44	0.46	0.59	0.82
	POWER OUTPUT	kW	0.25	0.25	0.38	0.55	0.50
	INPUT CURRENT	A	1.85	2.03	2.14	2.75	3.80
COIL	TYPE		AL-CU FINNED TUBE HEAT EXCHANGER				
	ROW - FPI		4 - 14	4 - 14	4 - 14	4 - 14	4 - 14
	FACE AREA	m ²	0.21	0.25	0.30	0.36	0.40
WATER FLOW RATE		m ³ /h	1.53	2.05	2.52	3.10	3.57
		l/s	0.43	0.57	0.70	0.86	0.99
FILTER	TYPE		WASHABLE G2				
	HEIGHT	mm	460	460	460	460	460
	LENGTH	mm	500	500	600	750	850
	DEPTH	mm	12	12	12	12	12
	QUANTITY	pcs	1	1	1	1	1
CONNECTIONS	SUPPLY	inch	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
	RETURN	inch	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
	DRAIN PIPE	inch	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
NET WEIGHT		kg	60	66	67	69	92
DIMENSIONS	HEIGHT	mm	550	550	550	550	550
	WIDTH	mm	600	670	770	900	1000
	LENGTH	mm	680	680	680	680	680

Note :

- Test conditions of nominal total cooling capacity as below:
 - Indoor Condition: 27°C DB / 19°C WB
 - Inlet Water: 7°C
 - Outlet Water: 12°C
- Non standard Air Flow and ESP are available upon request
- Materials and specifications are subject to change without notice due to the manufacturer's ongoing research and development programme

Specification Data(60Hz)

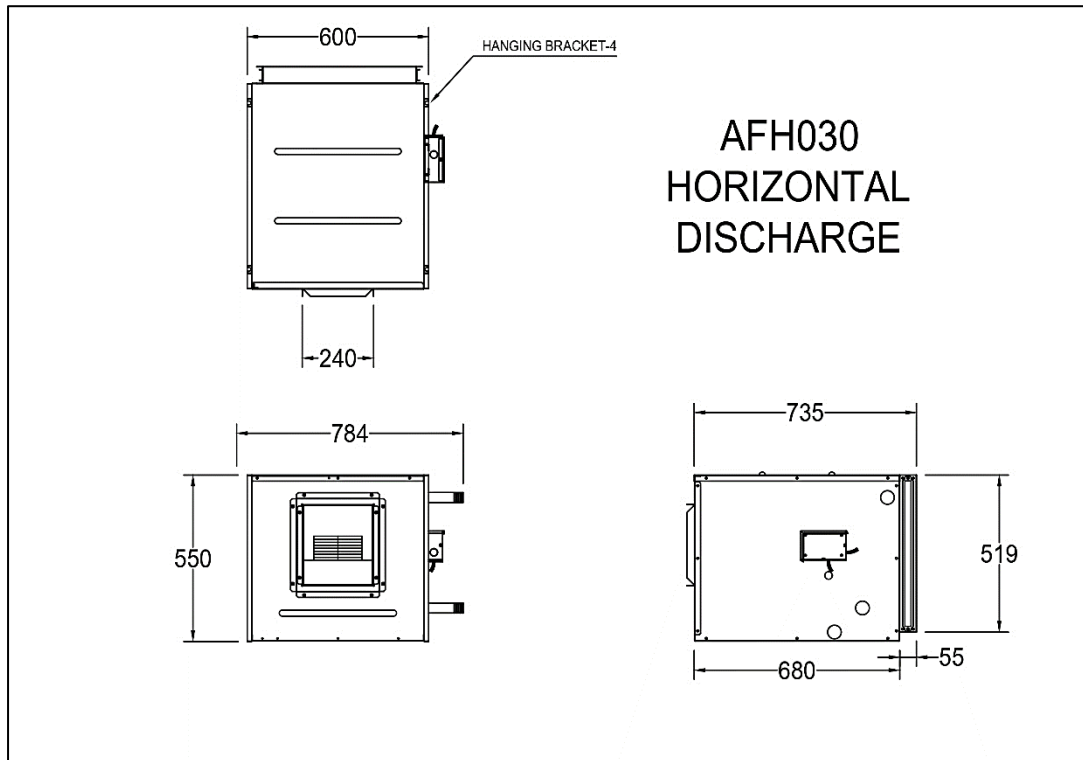
MODEL			AFH090	AFH100	AFH120	AFH150	AFH200
NOMINAL CAPACITY		kW	26.38	29.30	35.17	43.96	58.62
		Btu/Hr	90000	100000	120000	150000	200000
AIR FLOW		l/s	1120	1320	1550	2400	2800
		m3/h	4032	4752	5580	8640	10080
STANDARD ESP		Pa	150	150	200	200	250
NOMINAL POWER SUPPLY		V/Ph/Hz	220~230/1/60			380-400/3/60	
FAN	TYPE		CENTRIFUGAL FAN				
	DRIVE		DIRECT DRIVE			BELT DRIVEN	
	QUANTITY	pcs	2	2	2	1	1
FAN MOTOR	TYPE		SINGLE PHASE, 3 SPEEDS			THREE PHASE, SINGLE SPEED	
	QUANTITY	pcs	2	2	2	1	1
	POWER INPUT	kW	0.86	0.94	1.09	1.75	2.44
	POWER OUTPUT	kW	0.75	0.90	1.10	2.20	3.00
	INPUT CURRENT	A	3.98	4.38	5.06	3.83	4.76
COIL	TYPE		AL-CU FINNED TUBE HEAT EXCHANGER				
	ROW - FPI		4 - 14	4 - 14	4 - 14	4 - 12	4 - 12
	FACE AREA	m2	0.50	0.55	0.67	0.95	1.16
WATER FLOW RATE		m3/h	4.58	5.04	6.05	7.57	10.09
		l/s	1.27	1.40	1.68	2.10	2.80
FILTER	TYPE		WASHABLE G2				
	HEIGHT	mm	460	460	460	710	710
	LENGTH	mm	1000	1200	1450	1340	1640
	DEPTH	mm	12	12	12	12	12
	QUANTITY	pcs	1	1	1	1	1
CONNECTIONS	SUPPLY	inch	1" BSPT	1" BSPT	1" BSPT	1.5" BSPT	2" BSPT
	RETURN	inch	1" BSPT	1" BSPT	1" BSPT	1.5" BSPT	2" BSPT
	DRAIN PIPE	inch	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
NET WEIGHT		kg	97	105	117	170	200
DIMENSIONS	HEIGHT	mm	550	550	550	1487	1541
	WIDTH	mm	1200	1350	1600	1346	1651
	LENGTH	mm	680	680	680	710	764

Note :

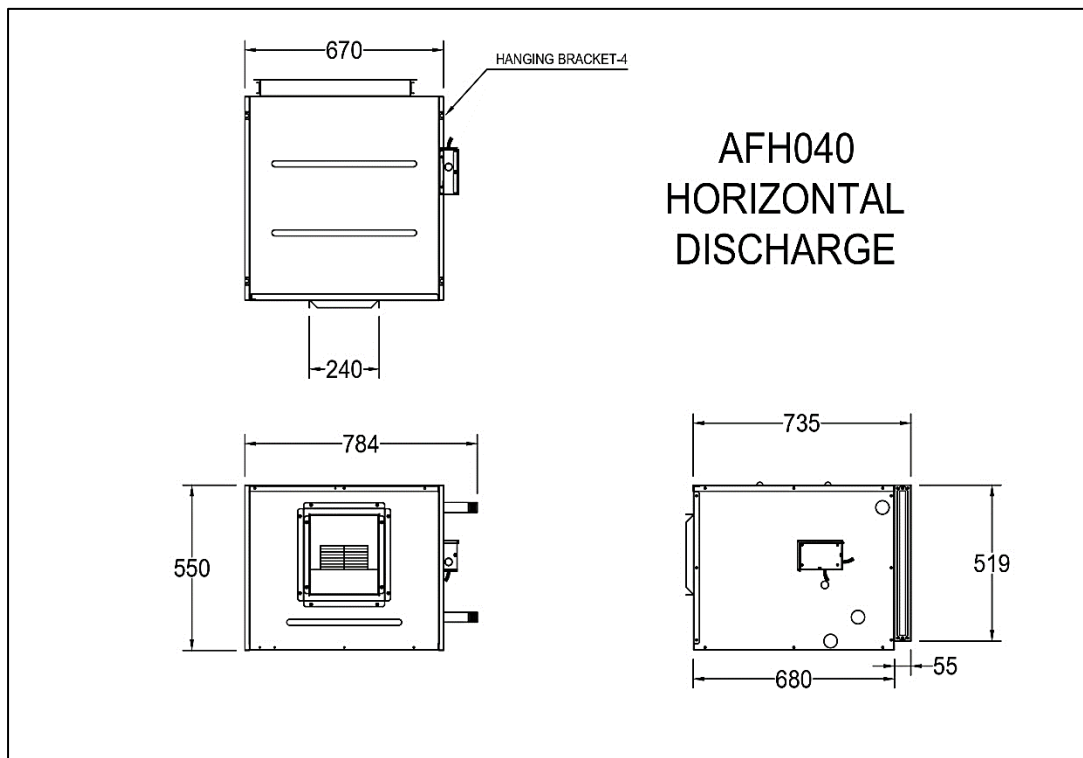
- Test conditions of nominal total cooling capacity as below:
 - Indoor Condition: 27°C DB / 19°C WB
 - Inlet Water: 7°C
 - Outlet Water: 12°C
- Non standard Air Flow and ESP are available upon request
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Dimension

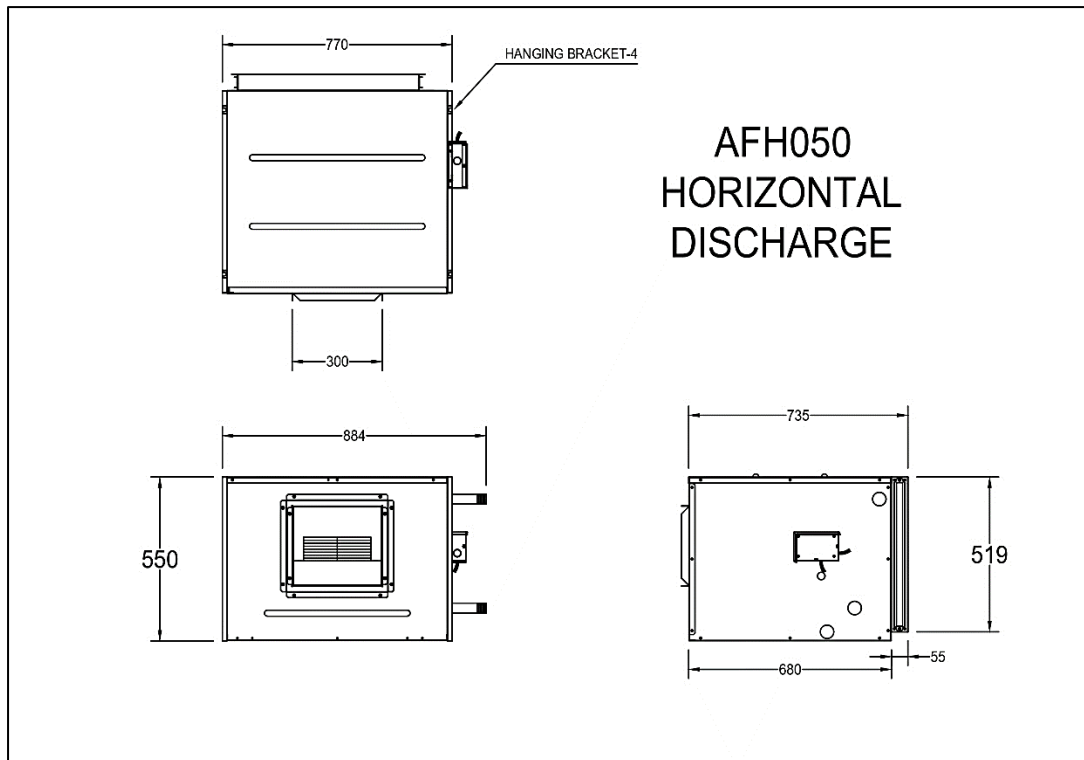
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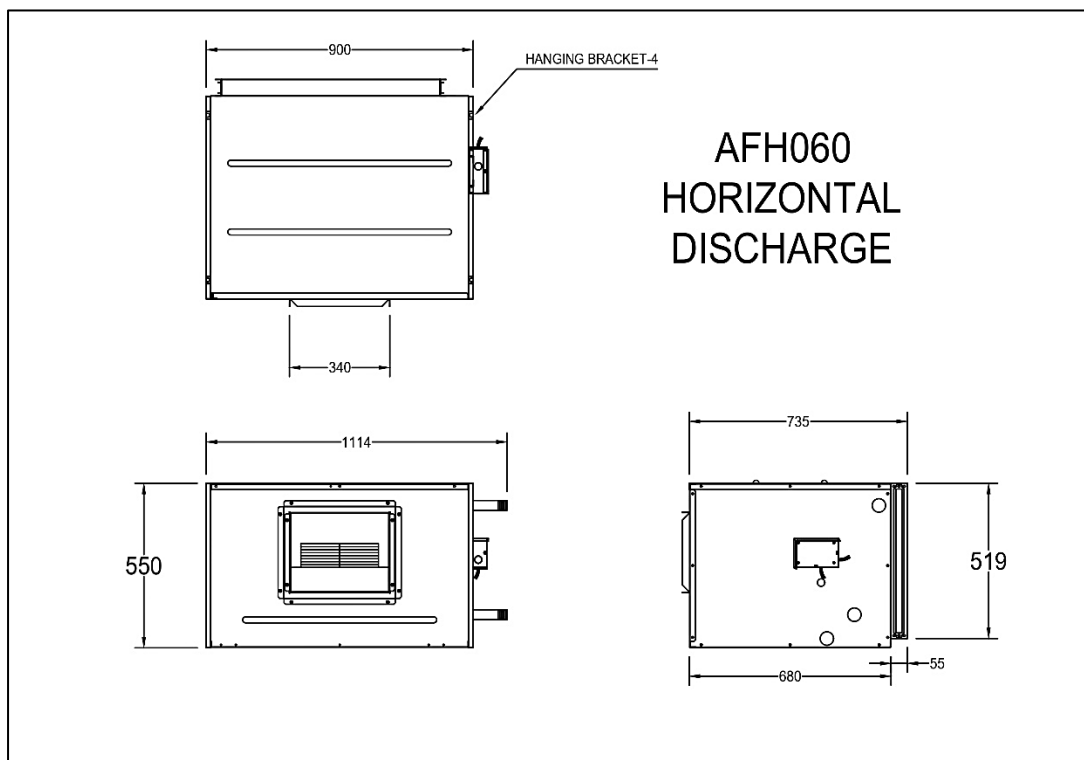
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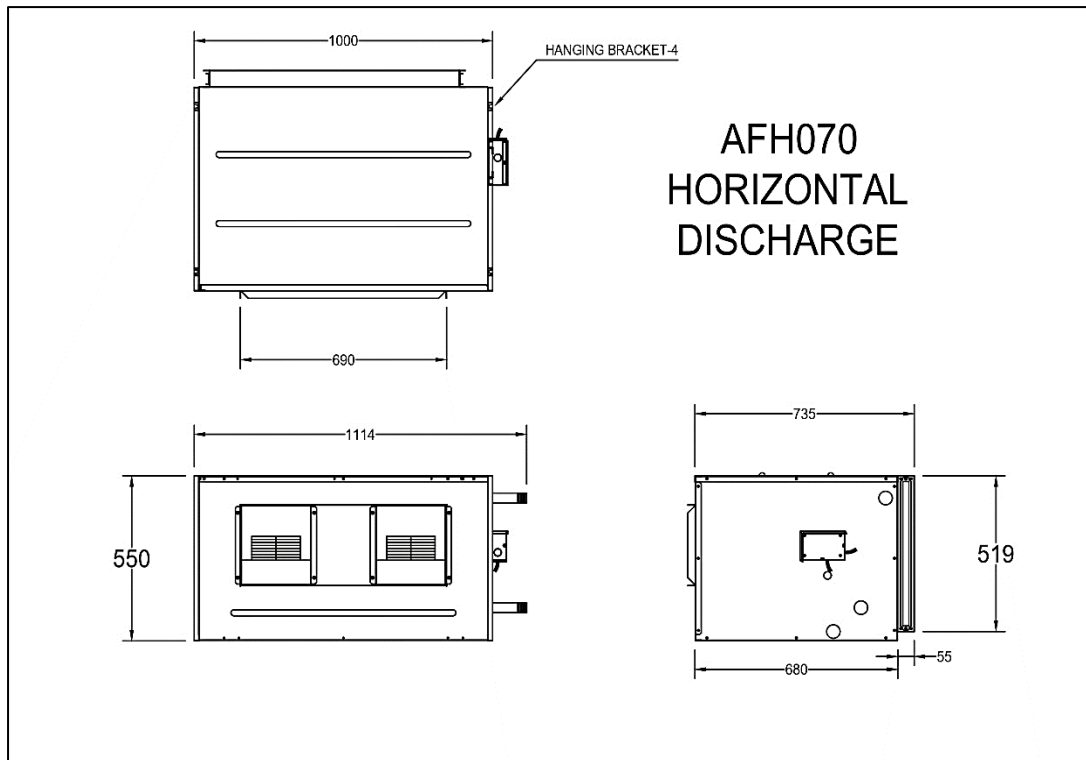
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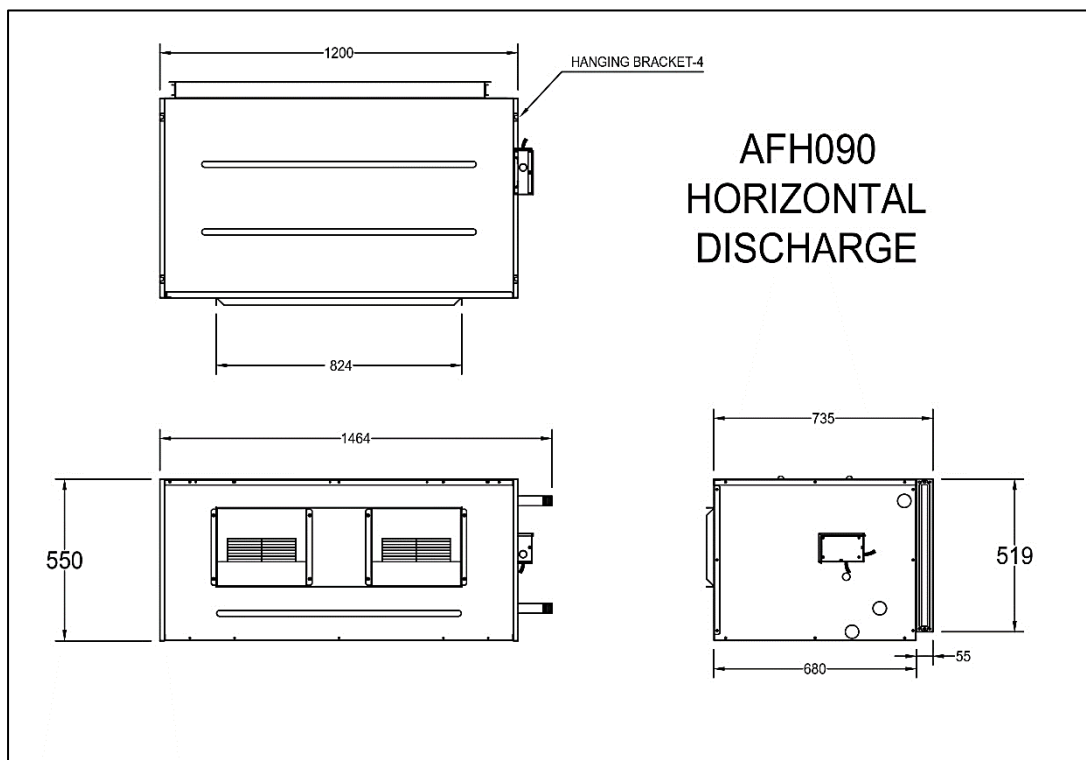
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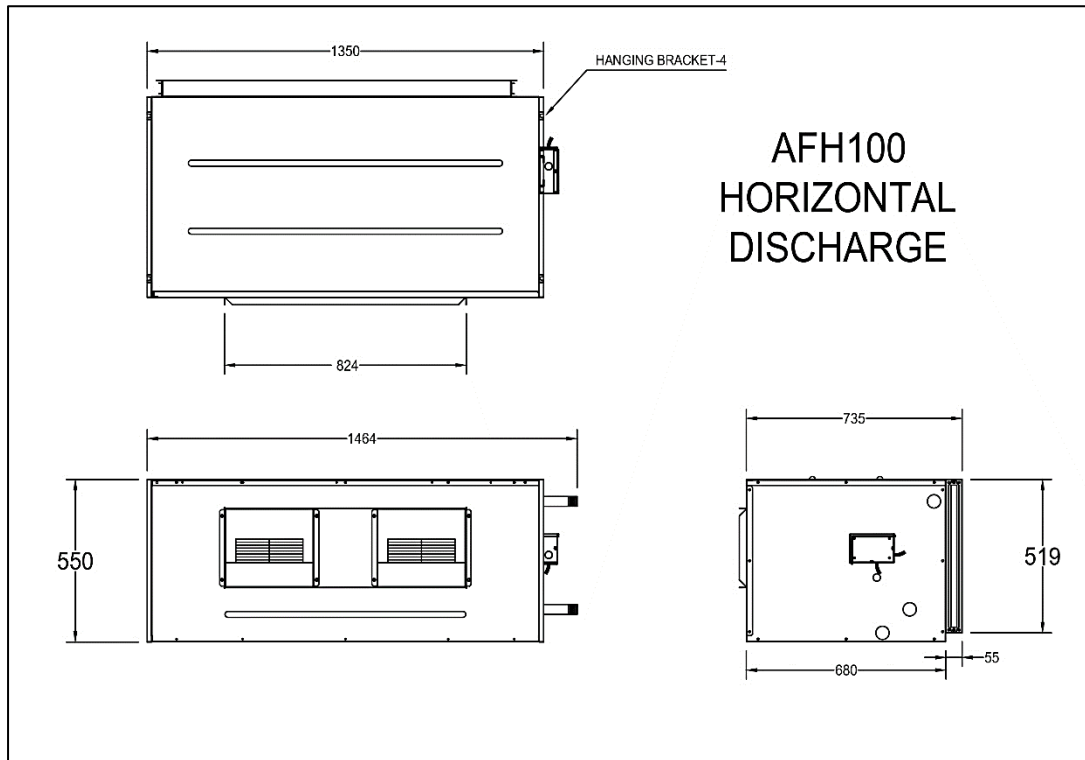
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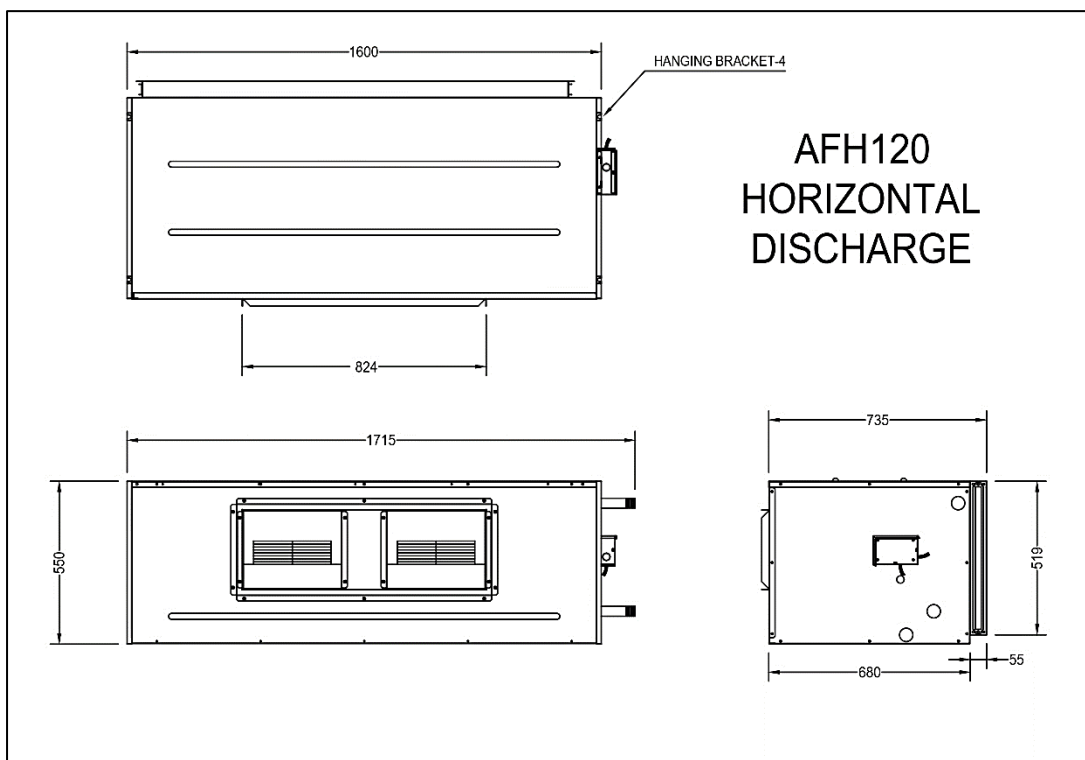
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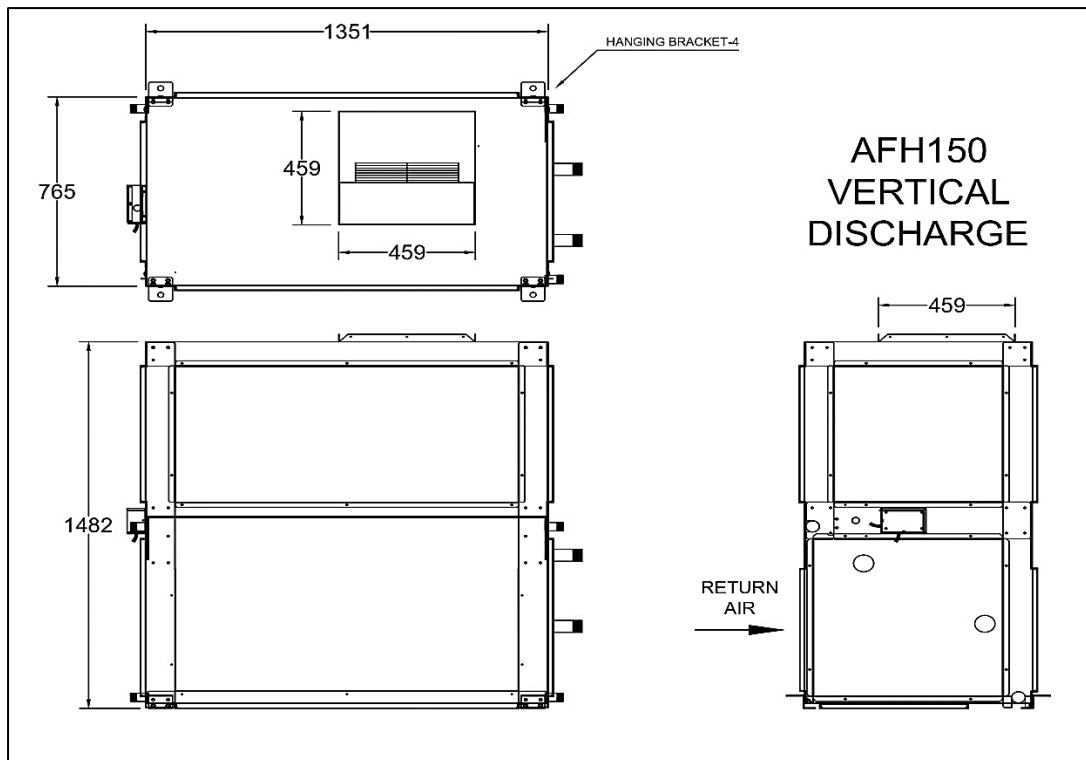
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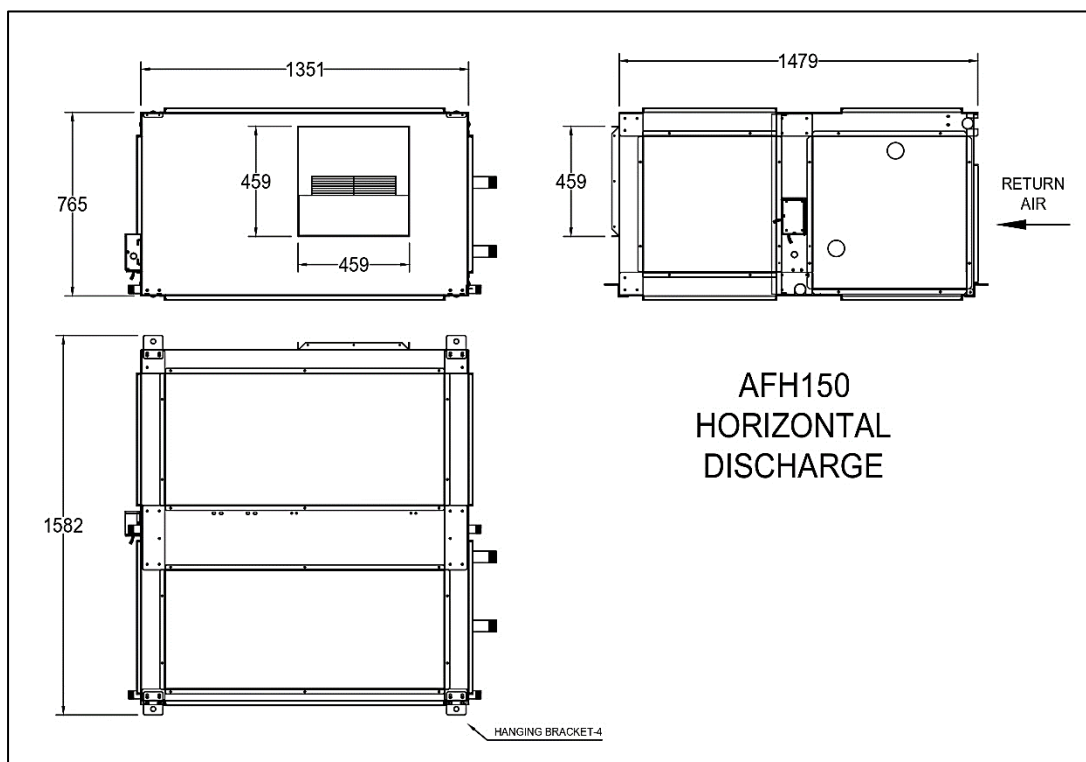
Model : AFH120



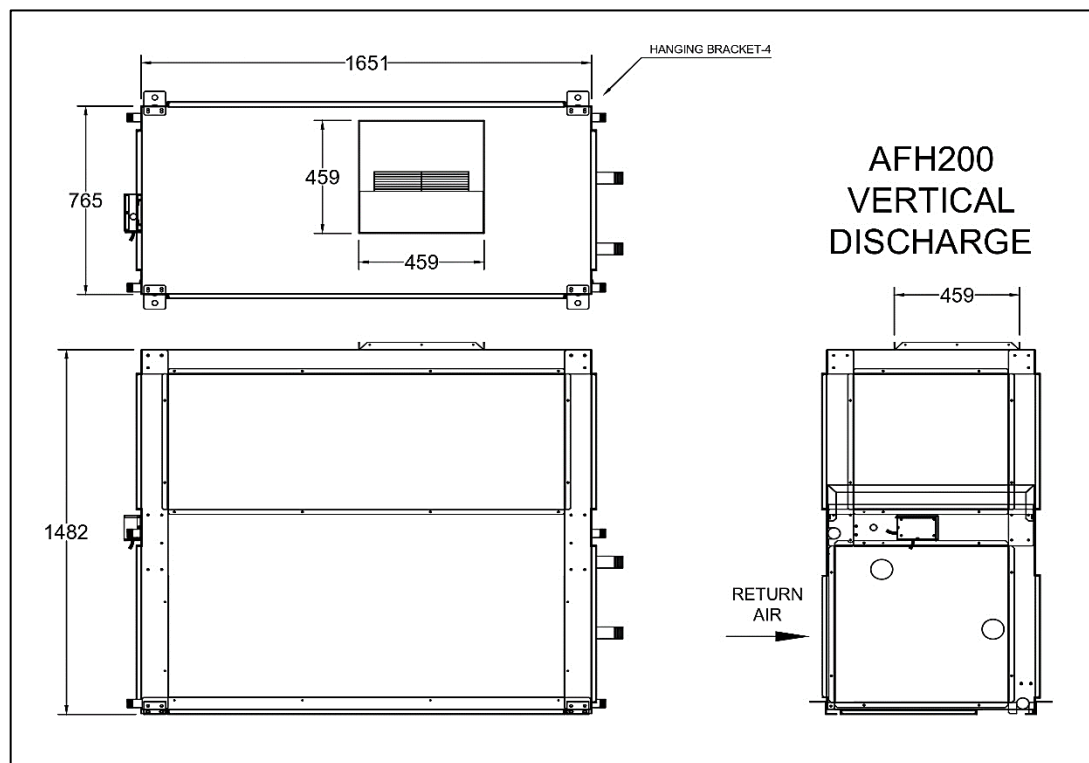
Model : AFH150(Vertical)



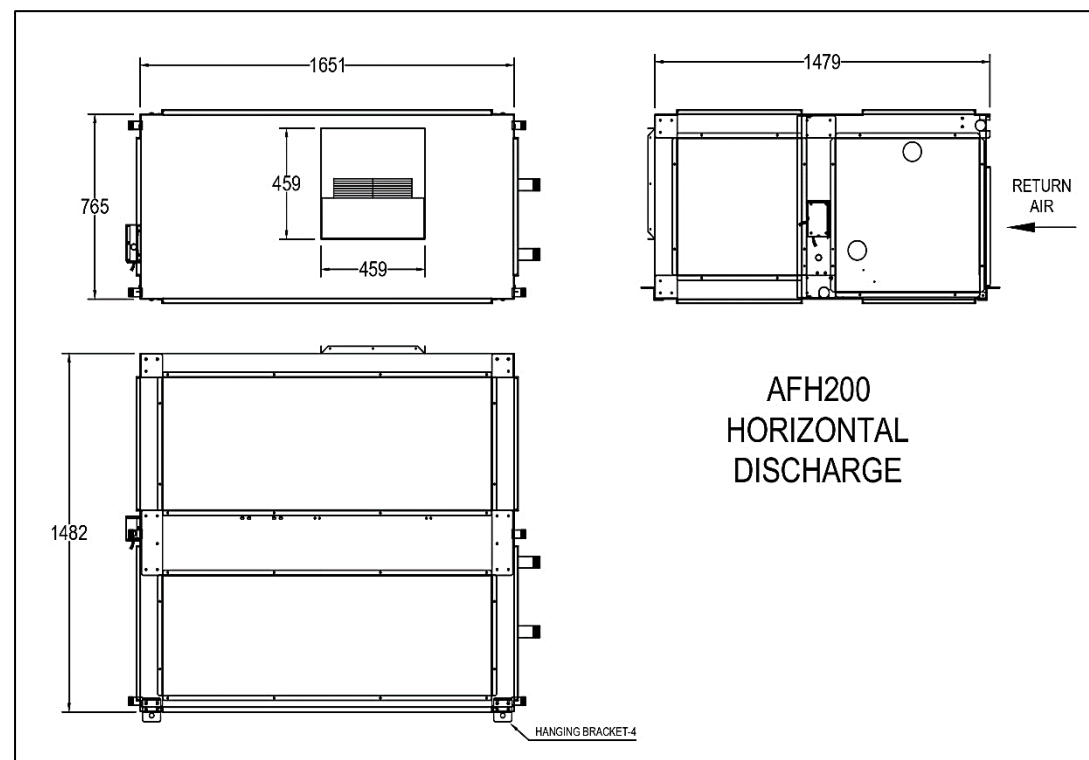
Model : AFH150(Horizontal)



Model : AFH200(Vertical)



Model : AFH200(Horizontal)





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