

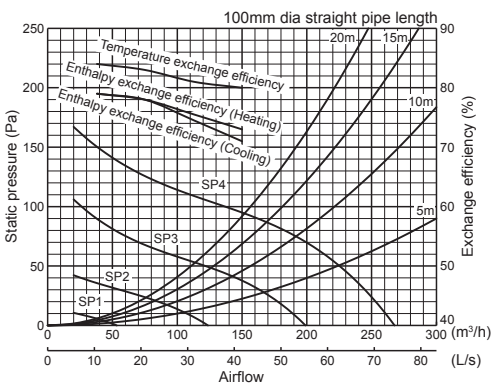
Commercial Use Lossnay Specifications

RVX Series

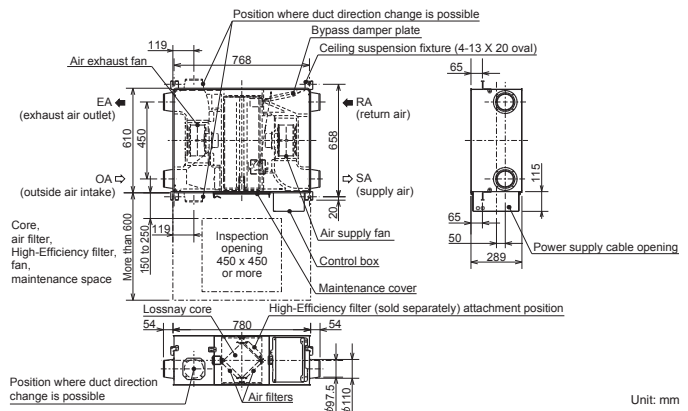
LGH-15RVX-E

Electrical power supply	220-240V/50Hz, 220V/60Hz							
	Heat recovery mode				Bypass mode			
Ventilation mode	SP4				SP3			
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1
Running current (A)	0.40	0.24	0.15	0.10	0.41	0.25	0.15	0.10
Input power (W)	49	28	14	7	52	28	14	8
Airflow	(m ³ /h)		(L/s)		(m ³ /h)		(L/s)	
External static pressure (Pa)	150	113	75	38	150	113	75	38
Temperature exchange efficiency (%)	42	31	21	10	42	31	21	10
Enthalpy exchange efficiency (%)	95	54	24	6	95	54	24	6
Enthalpy exchange efficiency (%)	Heating		80		81		83	
	Cooling		73		74.5		78	
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	71	74.5	78	79	-	-	-	-
Weight (kg)	28	24	19	17	29	24	19	18
Specific energy consumption class	A							

Characteristic Curves



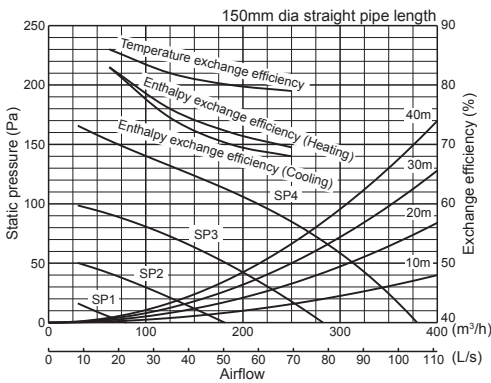
Dimensions



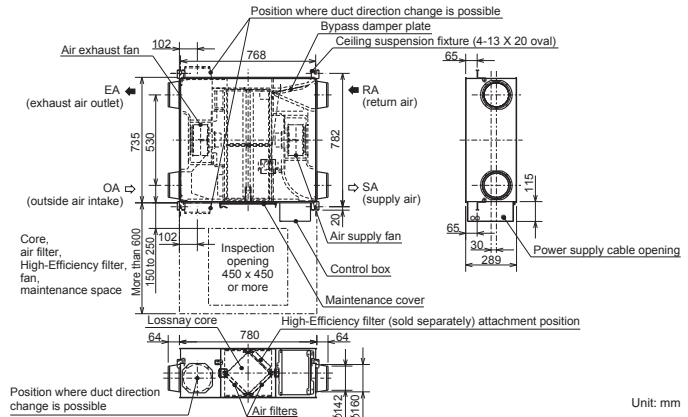
LGH-25RVX-E

Electrical power supply	220-240V/50Hz, 220V/60Hz							
	Heat recovery mode				Bypass mode			
Ventilation mode	SP4				SP3			
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1
Running current (A)	0.48	0.28	0.16	0.10	0.48	0.29	0.16	0.11
Input power (W)	62	33	16	7.5	63	35	17	9
Airflow	(m ³ /h)		(L/s)		(m ³ /h)		(L/s)	
External static pressure (Pa)	250	188	125	63	250	188	125	63
Temperature exchange efficiency (%)	69	52	35	17	69	52	35	17
Enthalpy exchange efficiency (%)	85	48	21	5	85	48	21	5
Enthalpy exchange efficiency (%)	Heating		79		80		82	
	Cooling		69.5		72		76	
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	68	70	74.5	83	-	-	-	-
Weight (kg)	27	22	20	17	27.5	23	20	17
Specific energy consumption class	A							

Characteristic Curves



Dimensions



■ For LGH-RVX and LGH-RVXT series

* The running current, the input power, the efficiency and the noise are based on the rated airflow, 230V/50Hz, and 220V/60Hz.

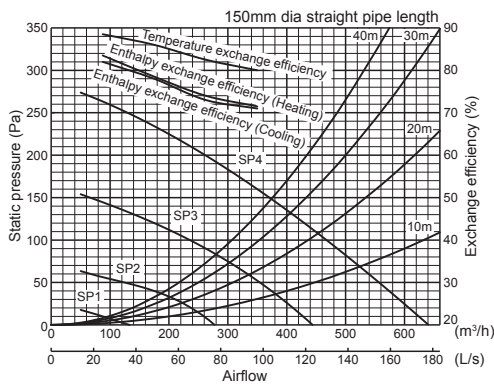
* Figures in the chart is measured according to Japan Industrial Standard (JIS B 8628). Characteristic Curves are measured by chamber method.

* For specifications at other frequencies, contact your dealer.

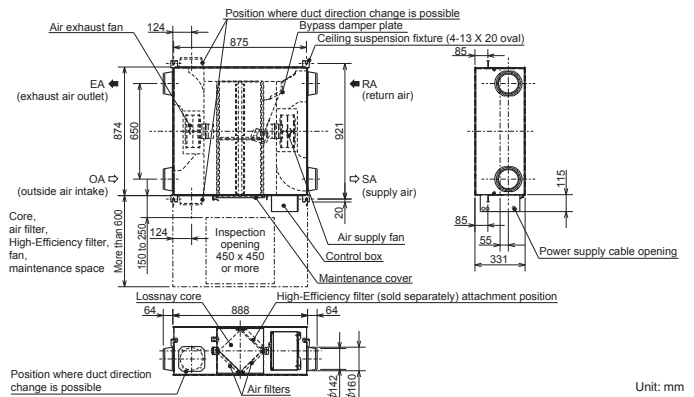
LGH-35RVX-E

Electrical power supply	220-240V/50Hz, 220V/60Hz							
Ventilation mode	Heat recovery mode				Bypass mode			
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1
Running current (A)	0.98	0.54	0.26	0.12	0.98	0.56	0.28	0.13
Input power (W)	140	70	31	11	145	72	35	13
Airflow	(m ³ /h)		(L/s)		(m ³ /h)		(L/s)	
	350	263	175	88	350	263	175	88
External static pressure (Pa)	97	73	49	24	97	73	49	24
Temperature exchange efficiency (%)	160	90	40	10	160	90	40	10
Enthalpy exchange efficiency (%)	80	82.5	86	88.5	-	-	-	-
	Heating	71.5	74	78.5	83.5	-	-	-
	Cooling	71	73	78	82	-	-	-
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	32	28	20	17	32.5	28	20	18
Weight (kg)	30							

Characteristic Curves



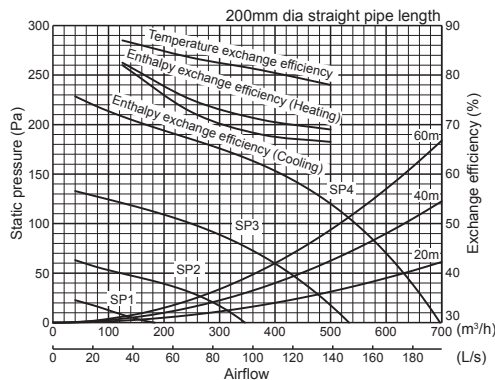
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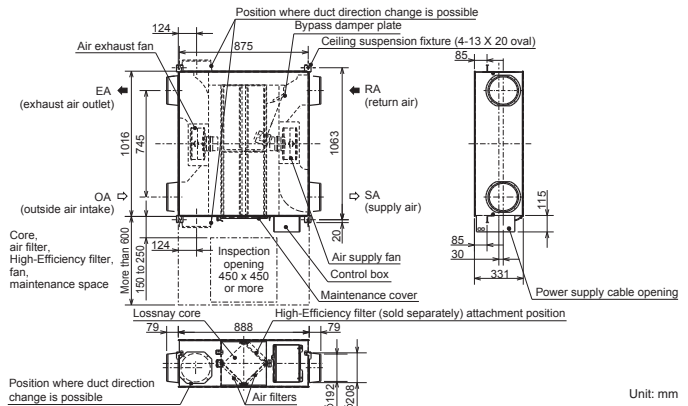
LGH-50RVX-E

Electrical power supply	220-240V/50Hz, 220V/60Hz							
Ventilation mode	Heat recovery mode				Bypass mode			
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1
Running current (A)	1.15	0.59	0.26	0.13	1.15	0.59	0.27	0.13
Input power (W)	165	78	32	12	173	81	35	14
Airflow	(m ³ /h)		(L/s)		(m ³ /h)		(L/s)	
	500	375	250	125	500	375	250	125
External static pressure (Pa)	139	104	69	35	139	104	69	35
Temperature exchange efficiency (%)	120	68	30	8	120	68	30	8
Enthalpy exchange efficiency (%)	78	81	83.5	87	-	-	-	-
	Heating	69	71	75	82.5	-	-	-
	Cooling	66.5	68	72.5	82	-	-	-
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	34	28	19	18	35	29	20	18
Weight (kg)	33							

Characteristic Curves



Dimensions



■ For LGH-RVX and LGH-RVXT series

* The running current, the input power, the efficiency and the noise are based on the rated airflow, 230V/50Hz, and 220V/60Hz.

* Figures in the chart is measured according to Japan Industrial Standard (JIS B 8628). Characteristic Curves are measured by chamber method.

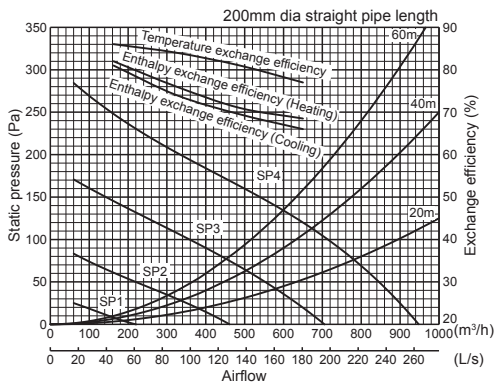
* For specifications at other frequencies, contact your dealer.

Commercial Use Lossnay Specifications

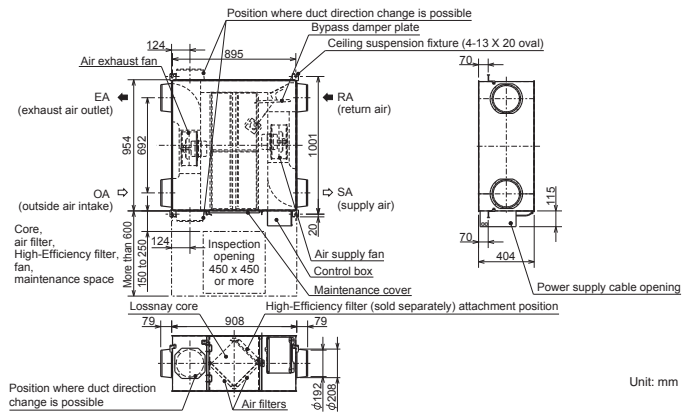
LGH-65RVX-E

Electrical power supply	220-240V/50Hz, 220V/60Hz								
Ventilation mode	Heat recovery mode				Bypass mode				
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1	
Running current (A)	1.65	0.90	0.39	0.15	1.72	0.86	0.38	0.16	
Input power (W)	252	131	49	15	262	131	47	17	
Airflow	(m ³ /h)	650	488	325	163	650	488	325	163
	(L/s)	181	135	90	45	181	135	90	45
External static pressure (Pa)	120	68	30	8	120	68	30	8	
Temperature exchange efficiency (%)	77	81	84	86	-	-	-	-	
Enthalpy exchange efficiency (%)	Heating	68.5	71	76	82	-	-	-	
	Cooling	66	69.5	74	81	-	-	-	
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	34.5	29	22	18	35.5	29	22	18	
Weight (kg)	38								

Characteristic Curves



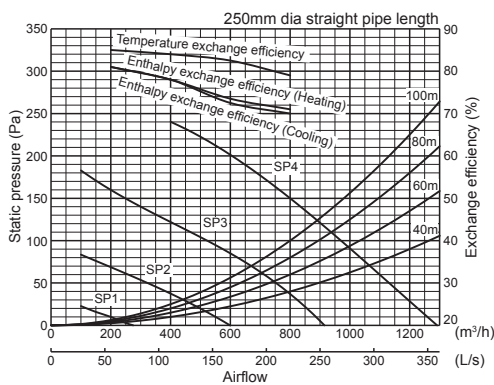
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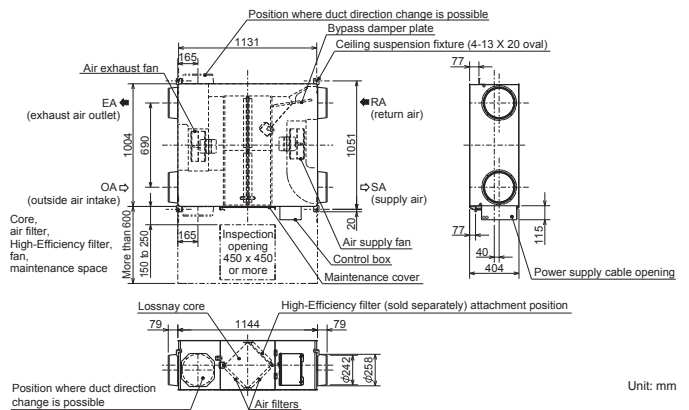
LGH-80RVX-E

Electrical power supply	220-240V/50Hz, 220V/60Hz								
Ventilation mode	Heat recovery mode				Bypass mode				
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1	
Running current (A)	1.82	0.83	0.36	0.15	1.97	0.86	0.40	0.15	
Input power (W)	335	151	60	18	340	151	64	20	
Airflow	(m ³ /h)	800	600	400	200	800	600	400	200
	(L/s)	222	167	111	56	222	167	111	56
External static pressure (Pa)	150	85	38	10	150	85	38	10	
Temperature exchange efficiency (%)	79	82.5	84	85	-	-	-	-	
Enthalpy exchange efficiency (%)	Heating	71	73.5	78	81	-	-	-	
	Cooling	70	72.5	78	81	-	-	-	
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	34.5	30	23	18	36	30	23	18	
Weight (kg)	48								

Characteristic Curves



Dimensions



■ For LGH-RVX and LGH-RVXT series

* The running current, the input power, the efficiency and the noise are based on the rated airflow, 230V/50Hz, and 220V/60Hz.

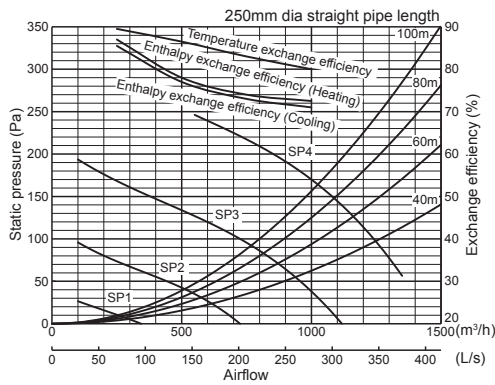
* Figures in the chart is measured according to Japan Industrial Standard (JIS B 8628). Characteristic Curves are measured by chamber method.

* For specifications at other frequencies, contact your dealer.

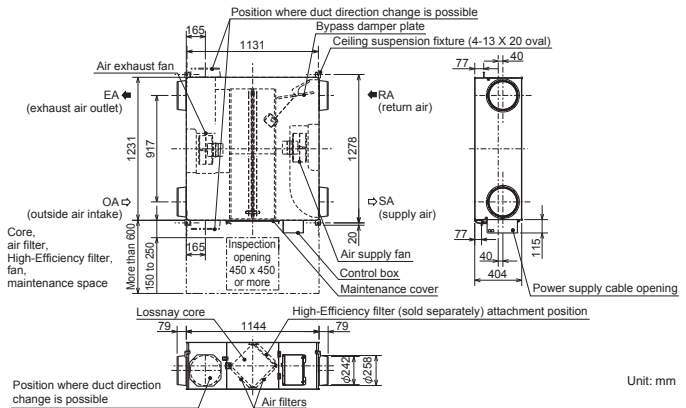
LGH-100RVX-E

Electrical power supply	220-240V/50Hz, 220V/60Hz								
Ventilation mode	Heat recovery mode				Bypass mode				
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1	
Running current (A)	2.50	1.20	0.50	0.17	2.50	1.20	0.51	0.19	
Input power (W)	420	200	75	21	420	200	75	23	
Airflow	(m ³ /h)	1000	750	500	250	1000	750	500	250
	(L/s)	278	208	139	69	278	208	139	69
External static pressure (Pa)	170	96	43	11	170	96	43	11	
Temperature exchange efficiency (%)	80	83	86.5	89.5	-	-	-	-	
Enthalpy exchange efficiency (%)	Heating	72.5	74	78	87	-	-	-	
	Cooling	71	73	77	85.5	-	-	-	
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	37	31	23	18	38	32	24	18	
Weight (kg)	54								

Characteristic Curves



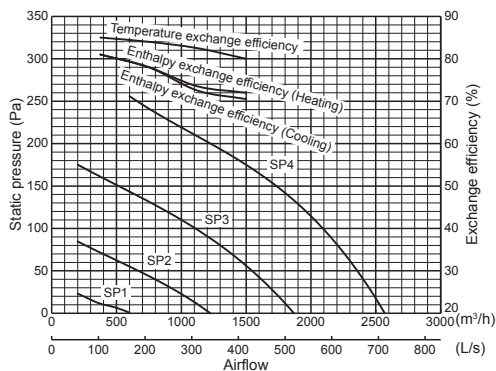
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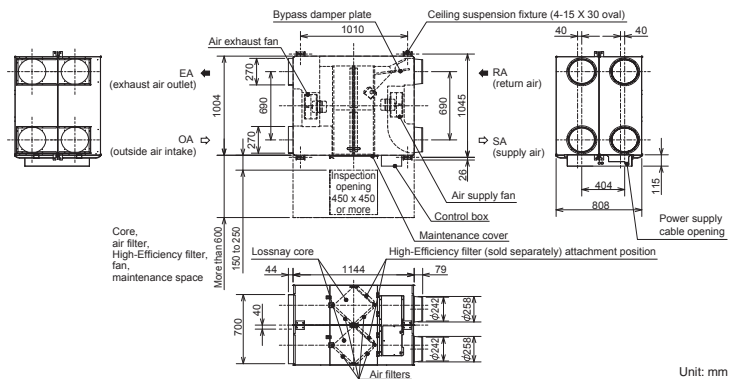
LGH-150RVX-E

Electrical power supply	220-240V/50Hz, 220V/60Hz								
Ventilation mode	Heat recovery mode				Bypass mode				
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1	
Running current (A)	3.71	1.75	0.70	0.29	3.85	1.78	0.78	0.30	
Input power (W)	670	311	123	38	698	311	124	44	
Airflow	(m ³ /h)	1500	1125	750	375	1500	1125	750	375
	(L/s)	417	313	208	104	417	313	208	104
External static pressure (Pa)	175	98	44	11	175	98	44	11	
Temperature exchange efficiency (%)	80	82.5	84	85	-	-	-	-	
Enthalpy exchange efficiency (%)	Heating	72	73.5	78	81	-	-	-	
	Cooling	70.5	72.5	78	81	-	-	-	
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	39	32	24	18	40.5	33	26	18	
Weight (kg)	98								

Characteristic Curves



Dimensions



■ For LGH-RVX and LGH-RVXT series

* The running current, the input power, the efficiency and the noise are based on the rated airflow, 230V/50Hz, and 220V/60Hz.

* Figures in the chart is measured according to Japan Industrial Standard (JIS B 8628). Characteristic Curves are measured by chamber method.

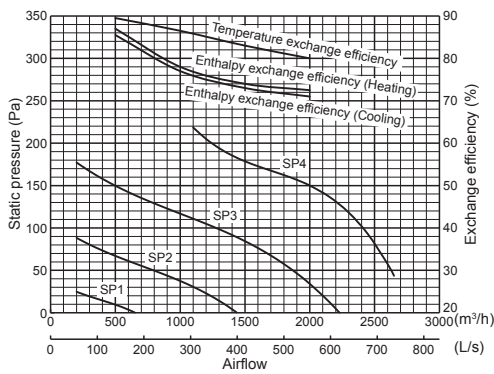
* For specifications at other frequencies, contact your dealer.

Commercial Use Lossnay Specifications

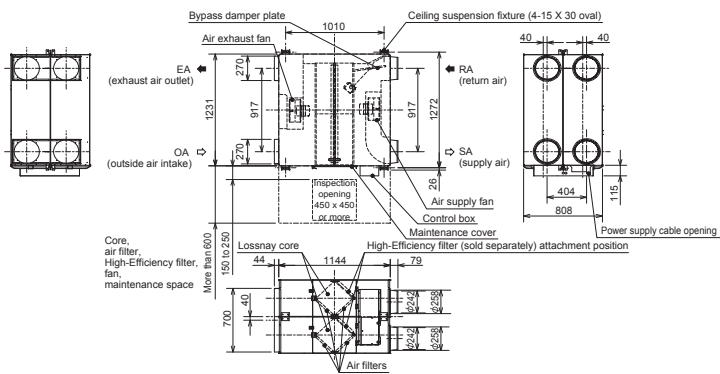
LGH-200RVX-E

Electrical power supply	220-240V/50Hz, 220V/60Hz							
	Heat recovery mode				Bypass mode			
Ventilation mode								
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1
Running current (A)	4.88	2.20	0.88	0.33	4.54	2.06	0.87	0.35
Input power (W)	850	400	153	42	853	372	150	49
Airflow	(m ³ /h)	2000	1500	1000	500	2000	1500	1000
	(L/s)	556	417	278	139	556	417	278
External static pressure (Pa)	150	84	38	10	150	84	38	10
Temperature exchange efficiency (%)	80	83	86.5	89.5	-	-	-	-
Enthalpy exchange efficiency (%)	Heating	72.5	74	78	87	-	-	-
	Cooling	71	73	77	85.5	-	-	-
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	40	36	28	18	41	36	27	19
Weight (kg)	110							

Characteristic Curves



Dimensions



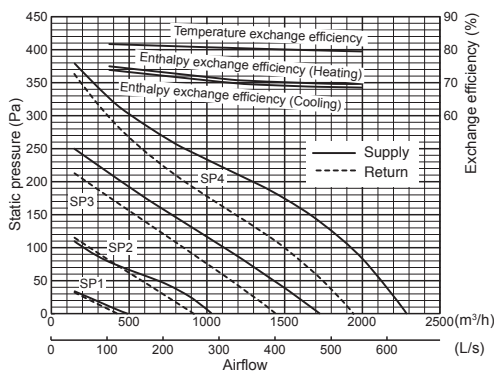
Unit: mm

RVXT Series

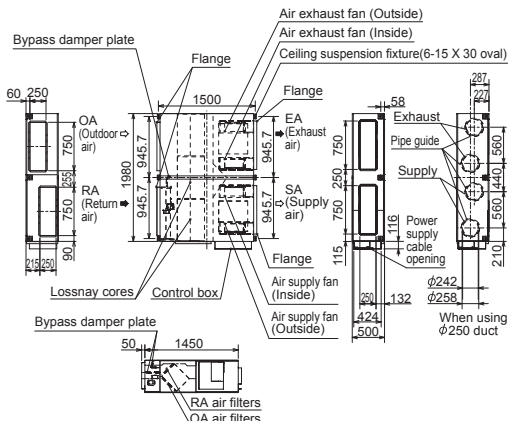
LGH-150RVXT-E

Electrical power supply	220-240V/50Hz, 220V/60Hz							
	Heat recovery mode				Bypass mode			
Ventilation mode								
Fan speed	SP4	SP3	SP2	SP1	SP4	SP3	SP2	SP1
Running current (A)	4.30	2.40	1.10	0.36	3.40	1.80	0.77	0.31
Input power (W)	792	421	176	48	625	334	134	37
Airflow	(m ³ /h)	1500	1125	750	375	1500	1125	750
	(L/s)	417	313	208	104	417	313	208
External static pressure (Pa)	Supply	175	98	44	11	175	98	44
	Return	100	56	25	6	100	56	25
Temperature exchange efficiency (%)	80	80.5	81	81.5	-	-	-	-
Enthalpy exchange efficiency (%)	Heating	70	71	73	75	-	-	-
	Cooling	69	70	72	74	-	-	-
Noise (dB) (Measured at 1.5m under the center of the unit in an anechoic chamber)	39.5	35.5	29.5	22	39	33	26.5	20.5
Weight (kg)	156							

Characteristic Curves



Dimensions



Unit: mm

■ For LGH-RVX and LGH-RVXT series

* The running current, the input power, the efficiency and the noise are based on the rated airflow, 230V/50Hz, and 220V/60Hz.

* Figures in the chart is measured according to Japan Industrial Standard (JIS B 8628). Characteristic Curves are measured by chamber method.

* For specifications at other frequencies, contact your dealer.

