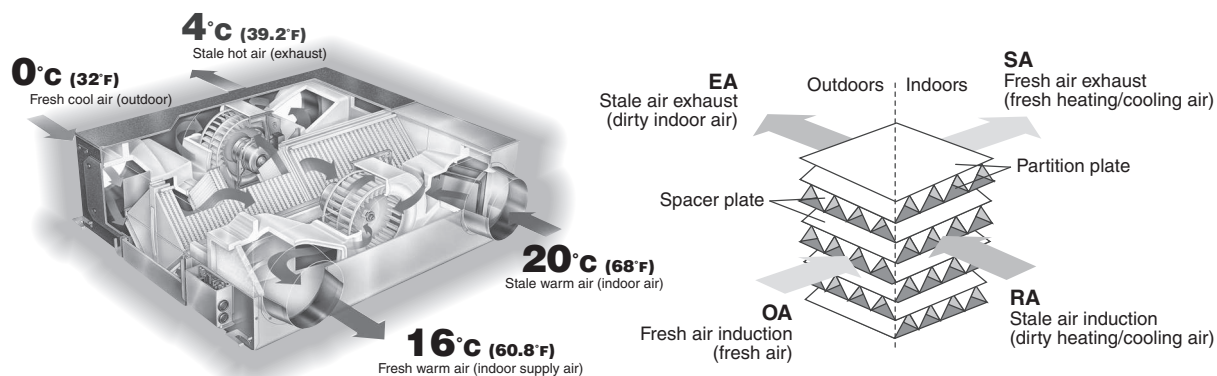


LGH-RX5-E

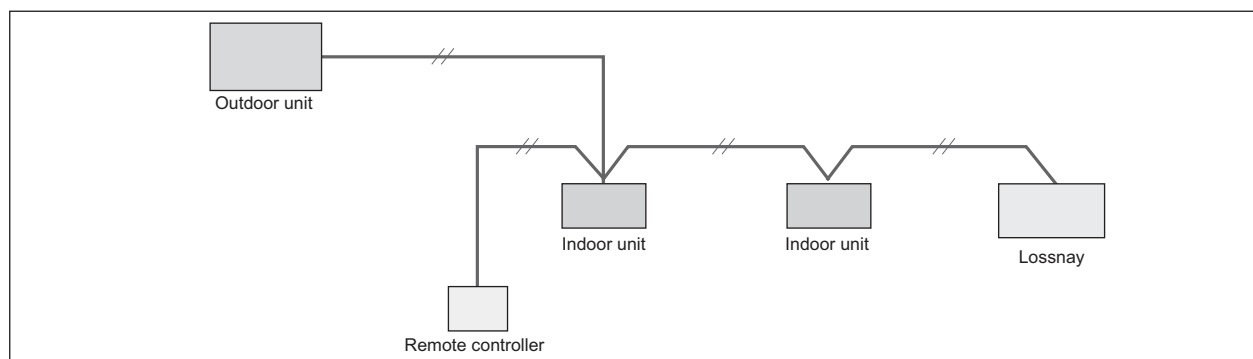
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LOSSNAY is a perfect combination of heat recovery and ventilation, which is a leading edge product in the ventilation and air-conditioning field.

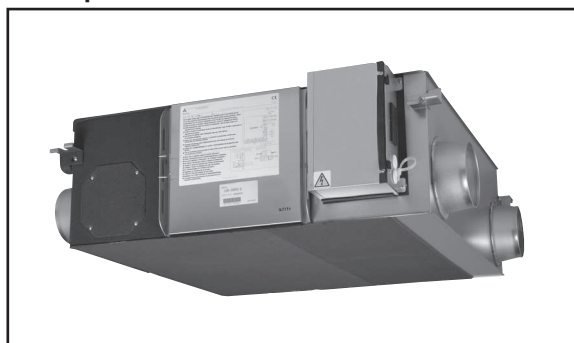
The LOSSNAY core is a special preserved paper made cross-flow and plate-fin structure, which is referable below.



CITY MULTI can combine LOSSNAY into the air conditioning system, performing the best solution to ventilation and air-conditioning.



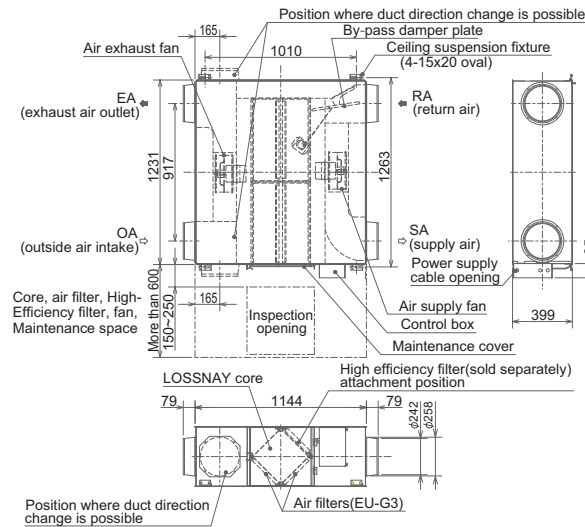
Line up of LOSSNAY units



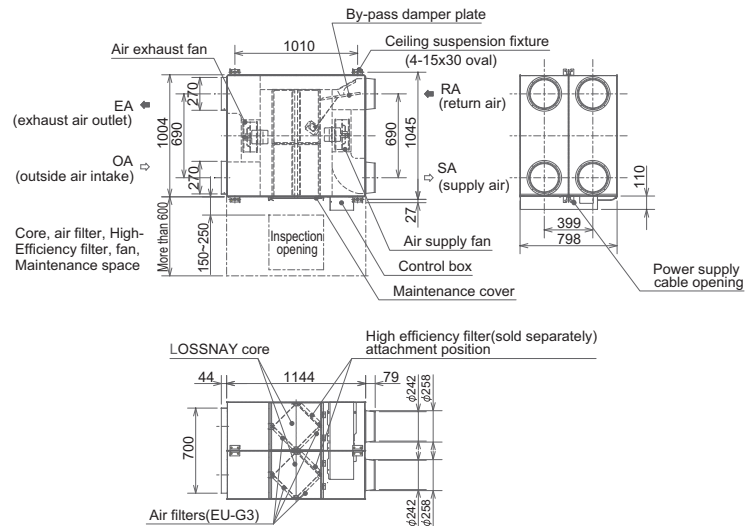
LGH-15RX5	[150m ³ /h Single phase 220-240V 50Hz]
LGH-25RX5	[250m ³ /h Single phase 220-240V 50Hz]
LGH-35RX5	[350m ³ /h Single phase 220-240V 50Hz]
LGH-50RX5	[500m ³ /h Single phase 220-240V 50Hz]
LGH-65RX5	[650m ³ /h Single phase 220-240V 50Hz]
LGH-80RX5	[800m ³ /h Single phase 220-240V 50Hz]
LGH-100RX5	[1000m ³ /h Single phase 220-240V 50Hz]
LGH-150RX5	[1500m ³ /h Single phase 220-240V 50Hz]
LGH-200RX5	[2000m ³ /h Single phase 220-240V 50Hz]

(Unit : mm)

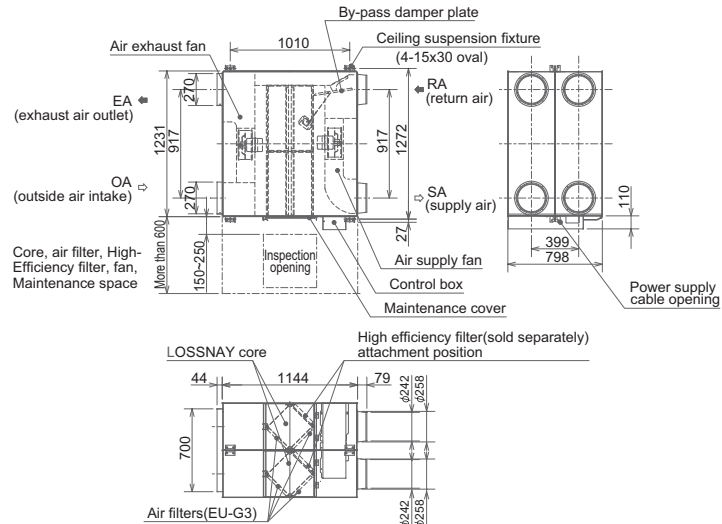
LGH-100RX5-E

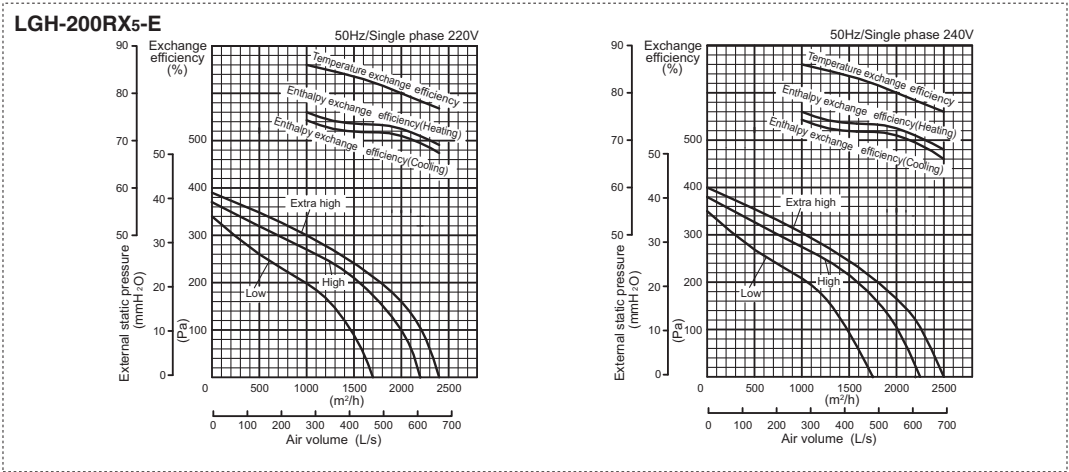


LGH-150RX5-E



LGH-200RX5-E





LGH-100RX₅-E

Model		LGH-100RX ₅ -E							
Frequency / Power source		50Hz / Single phase 220-240V							
Ventilation mode		LOSSNAY ventilation				By-pass ventilation			
Fan speed		Extra High	High	Low	Extra Low	Extra High	High	Low	Extra Low
Current (A)		2.3-2.4	2.1-2.1	1.7-1.7	0.9-0.9	2.3-2.4	2.1-2.1	1.7-1.7	0.9-0.9
Power consumption (W)		500-535	445-475	350-380	175-200	510-550	460-485	365-395	175-200
Air volume	(m ³ /h)	1000	1000	755	415	1000	1000	755	415
	(L/s)	278	278	210	115	278	278	210	115
External static pressure	(mmH ₂ O)	16.3-17.3	10.2-11.2	5.6-6.1	1.8	16.3-17.3	10.2-11.2	5.6-6.1	1.8
	(Pa)	160-170	100-110	55-60	18	160-170	100-110	55-60	18
Temperature exchange efficiency (%)		80.0	80.0	83.0	87.0	—	—	—	—
Enthalpy exchange efficiency (%)	Heating	72.5	72.5	74.0	80.0	—	—	—	—
	Cooling	71.0	71.0	73.0	79.0	—	—	—	—
Noise (dB) (Measured at 1.5m under the center of panel in an anechoic chamber)		36-37	34-35	31-32.5	21-22	37-38	35-36	32-33	21-22
Weight (kg)		59							
Starting current		Under 4.6 A Less							

*The Air outlets noise (45° angle, 1.5 meters in front of the unit) is about 17 dB greater than the indicated value. (at High Fan speed)

LGH-150RX₅-E

Model		LGH-150RX ₅ -E							
Frequency / Power source		50Hz / Single phase 220-240V							
Ventilation mode		LOSSNAY ventilation				By-pass ventilation			
Fan speed		Extra High	High	Low	Extra Low	Extra High	High	Low	Extra Low
Current (A)		3.5-3.5	3.2-3.2	2.9-2.9	1.5-1.5	3.5-3.5	3.2-3.2	2.9-2.9	1.5-1.5
Power consumption (W)		760-830	690-740	630-680	300-350	765-835	695-745	635-685	300-350
Air volume	(m ³ /h)	1500	1500	1300	700	1500	1500	1300	700
	(L/s)	417	417	361	194	417	417	361	194
External static pressure	(mmH ₂ O)	16.3-17.8	13.3-13.8	9.7-10.2	3.1-3.6	16.3-17.8	13.3-13.8	9.7-10.2	3.1-3.6
	(Pa)	160-175	130-135	95-100	31-36	160-175	130-135	95-100	31-36
Temperature exchange efficiency (%)		80.0	80.0	81.0	87.0	—	—	—	—
Enthalpy exchange efficiency (%)	Heating	72.0	72.0	72.5	80.0	—	—	—	—
	Cooling	70.5	70.5	71.5	79.0	—	—	—	—
Noise (dB) (Measured at 1.5m under the center of panel in an anechoic chamber)		38-39	36-37.5	33.5-35	21-22	39-40.5	37.5-39	35.5-37	21-22
Weight (kg)		105							
Starting current		Under 7.3 A Less							

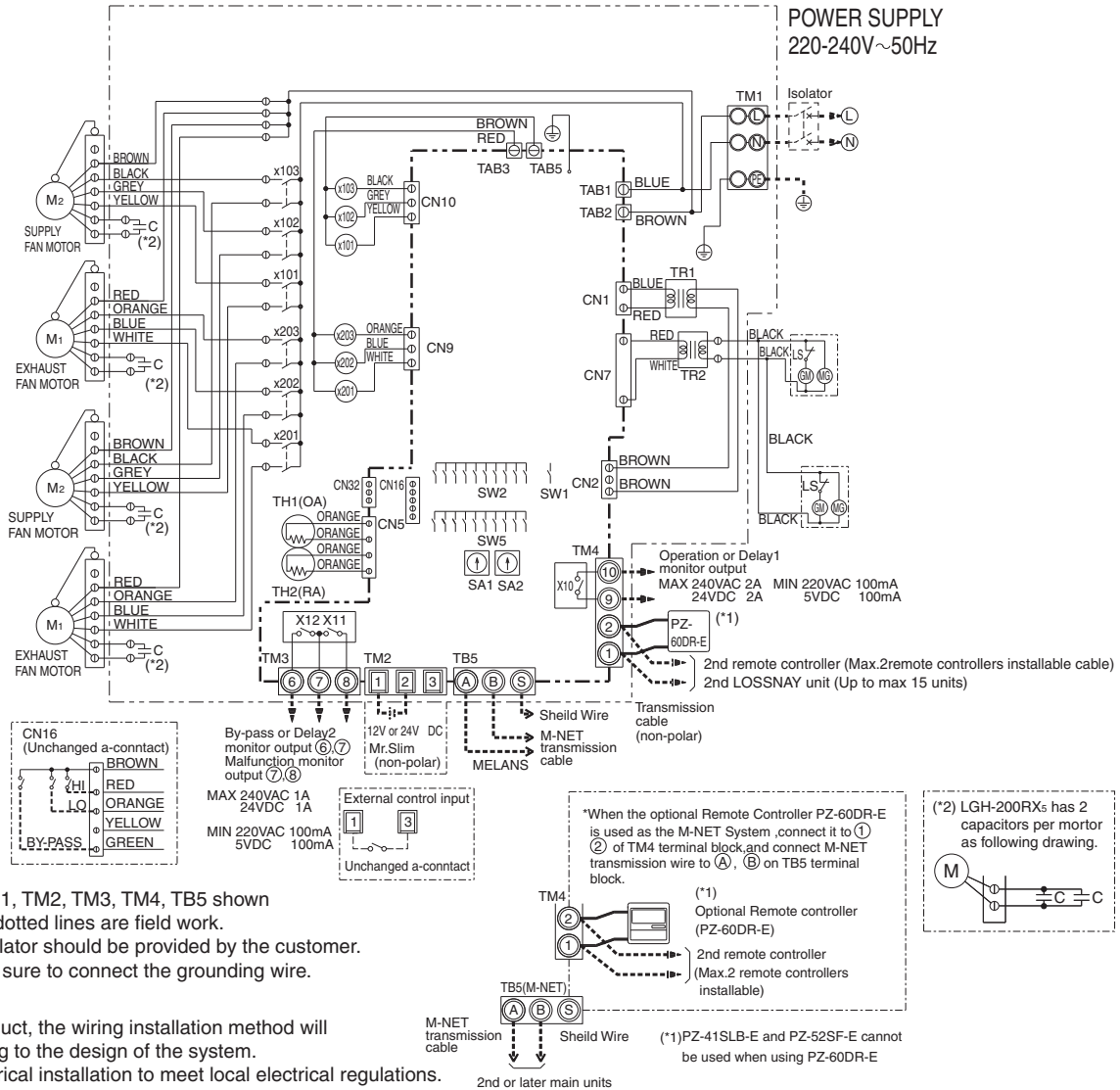
*The Air outlets noise (45° angle, 1.5 meters in front of the unit) is about 19 dB greater than the indicated value. (at High Fan speed)

LGH-200RX₅-E

Model		LGH-200RX ₅ -E							
Frequency / Power source		50Hz / Single phase 220-240V							
Ventilation mode		LOSSNAY ventilation				By-pass ventilation			
Fan speed		Extra High	High	Low	Extra Low	Extra High	High	Low	Extra Low
Current (A)		4.8-4.8	4.2-4.2	3.4-3.4	1.8-1.8	4.8-4.8	4.2-4.2	3.4-3.4	1.8-1.8
Power consumption (W)		1035-1100	910-980	715-785	350-400	1040-1110	915-980	720-785	350-400
Air volume	(m ³ /h)	2000	2000	1580	850	2000	2000	1580	850
	(L/s)	556	556	439	236	556	556	439	236
External static pressure	(mmH ₂ O)	16.3-16.8	10.2-10.7	6.1-6.6	2.0-2.5	16.3-16.8	10.2-10.7	6.1-6.6	2.0-2.5
	(Pa)	160-165	100-105	60-65	20-25	160-165	100-105	60-65	20-25
Temperature exchange efficiency (%)		80.0	80.0	83.0	87.0	—	—	—	—
Enthalpy exchange efficiency (%)	Heating	72.5	72.5	73.5	80.0	—	—	—	—
	Cooling	71.0	71.0	72.0	79.0	—	—	—	—
Noise (dB) (Measured at 1.5m under the center of panel in an anechoic chamber)		39.5-40	37-38	32.5-34	21-22	40.5-41	38-39	33.5-35	21-22
Weight (kg)		118							
Starting current		Under 11.9A Less							

*The Air outlets noise (45° angle, 1.5 meters in front of the unit) is about 20 dB greater than the indicated value. (at High Fan speed)

LGH-150RX5 and 200RX5



Definition of Symbols

M1:	Motor for exhaust fan	X10,X11,X12:	Relay contact
M2:	Motor for supply fan	X101,X102,X103:	Relay Supply fan speed control
C:	Capacitor	X201,X202,X203:	Relay Exhaust fan speed control
GM:	Motor for By-pass operation	CN1:	Connector (Transformer primary)
LS:	Microswitch	CN2:	Connector (Transformer secondary)
TH1:	Thermistor for outside air	CN5:	Connector (Thermistor)
TH2:	Thermistor for return air	CN6:	Connector (Microswitch)
SW1:	Switch (Main/Sub change)	CN7:	Connector (Motor for By-pass operation)
SW2, 5:	Switch (Function selection)	CN9:	Connector (Fan motor)
TM1:	Terminal block (Power supply)	TAB3:	Tab connector (Fan motor)
TM2:	Terminal block (External control input)	TAB5:	Tab connector (Fan motor)
TM3:	Terminal block (Monitor output)	CN9:	Connector (Fan motor)
TM4:	Terminal block (Transmission cable and monitor output)	CN10:	Connector (Fan motor)
TB5:	Terminal block (M-NET Transmission cable)	CN16:	Connector (High/Low/By-pass switch)
TAB1,TAB2:	Connector (Power supply)	CN32:	Connector (Remote control selection)
TR1:	Control circuit transformer	SA1:	Address setting rotary switch (10 digit)
TR2:	By-pass operation transformer	SA2:	Address setting rotary switch (1 digit)
		SYMBOL	<div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div></div> <div></div> </div>