ENERGY RECOVERY VENTILATORS

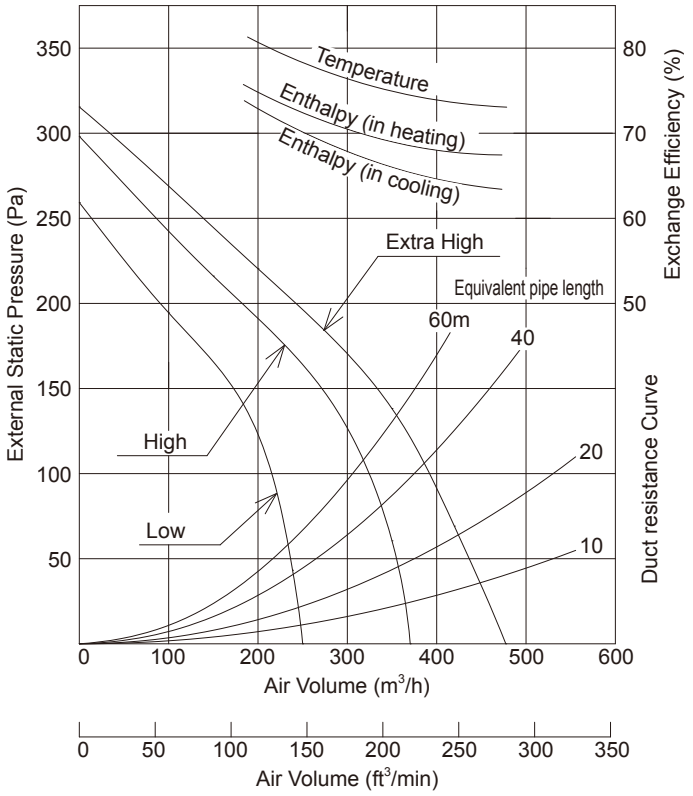
■ SPECIFICATIONS

Model No.	Power Source	Notch	Frequency	Heat Exchange Ventilation								Normal Ventilation					Product Weight
				Input	Current	Air Volume	External Static Pressure	Temperature Exchange Efficiency	Enthalpy Exchange Efficiency (%)		Noise	Input	Current	Air Volume	External Static Pressure	Noise	
			(Hz)	(W)	(A)	(m^3/h)	(Pa)	(%)	Cooling	Heating	(dB)	(W)	(A)	(m^3/h)	(Pa)	(dB)	(kg)
UTZ-BD035C	220-240V a.c.	Extra High	50	182-190	0.83-0.79	350	140	75	66	69	32.5-33.0	182-190	0.83-0.79	350	140	32.5-33.0	49
		High	50	178-185	0.81-0.77	350	60	75	66	69	30.5-31.0	178-185	0.81-0.77	350	60	30.5-31.0	
		Low	50	175-168	0.79-0.70	240	45	78	71	73	22.5-25.5	175-168	0.79-0.70	240	45	22.5-25.5	

✳ This noise of the product is the value which was measured at the acoustic room. Actually, in the established condition, that undergo influence by the echoing of the room and so that become bigger than the display numerical value .

■ PERFORMANCE

P-Q Curve　　Efficiency Curve —— 220 - 240V ~ 50Hz



✳ When friction coefficient of pipe (duct) : λ=0.02

Use conditions
Outdoor air conditions Temperature range -10˚C ~ 40˚C Relative humidity 85% or less
Indoor air conditions Temperature range -10˚C ~ 40˚C Relative humidity 85% or less
Installation requirements Same as the indoor air conditions
* Indoor air here means air in air-conditioned living rooms. Its use in refrigerators or other places where temperature can fluctuate greatly is prohibited even if a temperature range is acceptable.
Example　Indoor air conditions During cooling period Temperature 27˚C Relative humidity 50% During heating period Temperature 20˚C Relative humidity 40%

■ MOTOR SPECIFICATIONS

Type	4 Poles open type induction motor
Rating	Cont.
Insulation Class	class F
Temperature Rise	under 100 K
Sorrounding Temperature	-10˚C ~ 40˚C
Insulation Resistance	over 1MΩ (by DC500V)
Withstand Voltage	AC 1,500V for 1min
Input (Reference)	91-95 W (220-240V)
Output (Reference)	40 W (220V)
Diameter	Ø97 mm
Weight	2.5 kg
Lot 11	Not Applicable (Below 125W)

- The Input, the current and the exchange efficiency are values at the time of the mentioned air volume.
- The noise level shall be measured 1.5m below the center of the unit.
- The temperature exchange efficiency averages that of when cooling and when heating.