

**Specs**

MODEL		TOU-60HRN1-R/TUE-60HRN1-R	
Power supply (Indoor)	V-Ph-Hz	/, /	
Power supply (Outdoor)	V-Ph-Hz	380-415V,3Ph,	50Hz
Cooling (Standard conditions)	Capacity	Btu/h	55000
	Input	W	6400
	Current	A	10.5
	EER	W/W	2.52
Heating (Standard conditions)	Capacity	Btu/h	60000
	Input	W	5800
	Current	A	9.6
	COP	W/W	3.03
Rated Power Input	W	7500	
Rated Current	A	12.6	
Starting current	A	73	
Indoor fan motor	Model	YKSS-85-4-3	
	Qty	/	
	Input	W	120
	Capacitor	uF	2.5
Indoor coil	Speed(Hi/Mi/Lo)	r/min	1310/1190/1080
	a.Number of rows		3
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	13
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	φ7.Inner groove tube
	f.Coil length x height x width	mm	1300x294x40.11
	g.Number of circuits		10
Indoor air flow (Hi/Mi/Lo)	m3/h	2267/1846/1636	
Indoor noise level (Hi/Mi/Lo)	dB(A)	54.5/50.6/48.0	
Indoor unit	Throttle type	/	/
	Dimension(W*D*H)	mm	1650x675x235
	Packing (W*D*H)	mm	1725x755x318
	Net/Gross weight	kg	39/45
Drainage water pipe dia	mm	ODφ25mm	
Qty/per 20' /40' /40HQ	Indoor unit	105/231/252	
Compressor	Model	C-SBN453H8D	
	Type	SCROLL	
	Brand	PANASONIC	
	Capacity	W	16600
	Input	W	5600
	Rated current(RLA)	A	10.1
	Locked rotor Amp(LRA)	A	73
	Thermal protector	UP18RA052-550/37HM557-15	
	Thermal protector position	INTERNAL	
	Capacitor	uF	/
	Refrigerant oil/oil charge	ml	FV68S/1700
Outdoor fan motor	Model	YKT-65-6-34L	
	Qty	/	
	Input	W	162
	Capacitor	uF	3.5
Outdoor coil	Speed	r/min	765
	a.Number of rows		2
	b.Tube pitch(a)x row pitch(b)	mm	21x22
	c.Fin spacing	mm	13
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	φ7.Inner groove tube
	f.Coil length x height x width	mm	830*22*630*795*22*630
	g.Number of circuits		8
Outdoor air flow	m3/h	6500	
Outdoor noise level	dB(A)	63.3	
Outdoor unit	Throttle type	/	Throttle valve
	Dimension(W*D*H)	mm	900x350x1170
	Packing (W*D*H)	mm	1032x443x1307
	Net/Gross weight	kg	99.7/111.2
Refrigerant type	kg	R410A/3.3	
Design pressure	MPa	4.2/1.5	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	50
	Max. difference in level	mm	30
Thermostat type		Remote Control	
Operation temperature		17~30	
Room temperature	Indoor(cooling/heating)	17~32/0~27	
	Outdoor(cooling/heating)	-7~43/-7~24	
Qty/per 20' /40' /40HQ	Outdoor unit	27/57/108	



**Outdoor Unit**



Commercial series