

Floor Standing

I-FS Series

High Performance & Reliable



SHOPPING
CENTERS



OFFICES



HOTELS



INDUSTRIES



HOSPITALS



BROADCASTINGS



AIRPORT
TERMINALS



TRANSPORTATIONS

Outdoor unit of Floor Standing & High ESP Duct type



96k Btu/h

70k Btu/h

Features:

1. World famous scroll compressor with quick reactivity, stronger power and stable operation. Anti-attenuation design and better low-temperature

3. The diameter of globe valve is DN8mm



Scroll Compressor



Scroll Plate



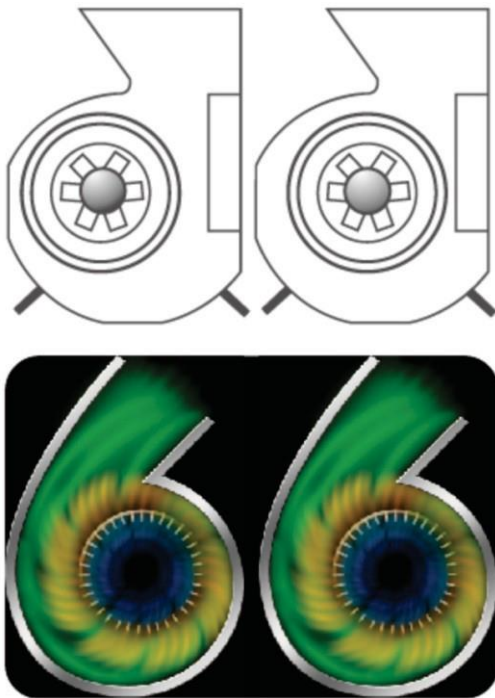
2. New panel and Plastics Safe guard of outdoor unit.

Floor-standing type

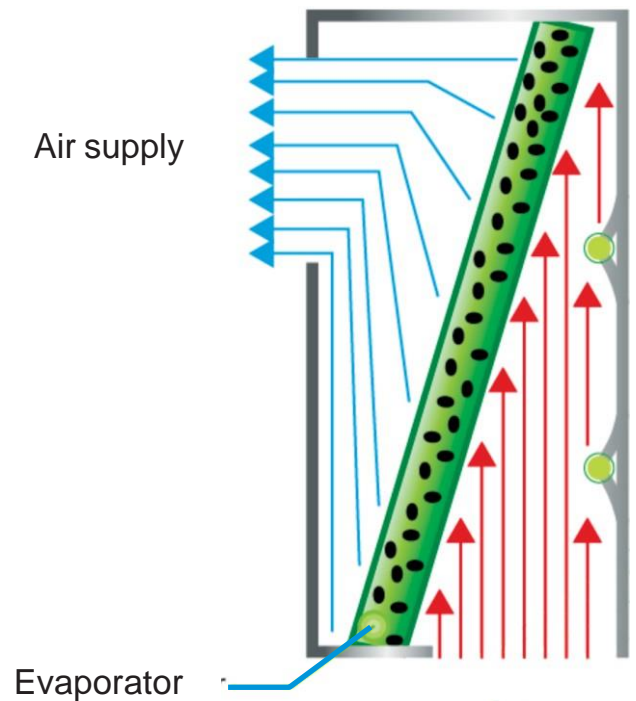
Features

1. Simple, fealty and vogueish appearance suit different requirements, it's mostly used for office, shopping center, restaurant, meeting room and etc.

Aviation centrifugal fan
Double CFD technology design, increasing air volume and decreasing noise level



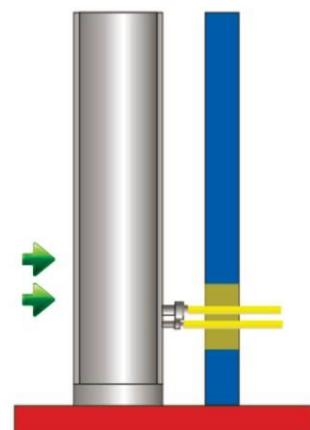
2. New air flow system, larger heat-exchanges area. High efficiency of the evaporator



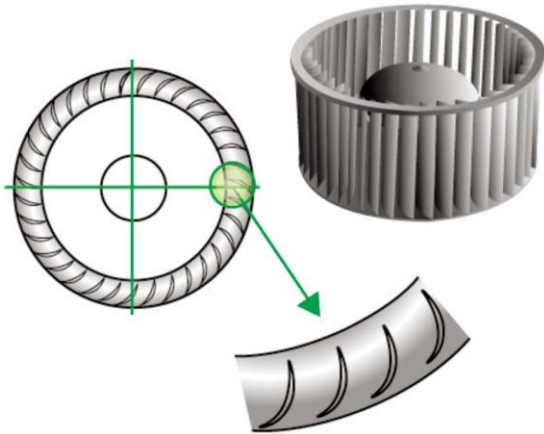
3. Standard horizontal air flow, enable the cold air to reach every corner of the room, providing you a stable and comfortable air condition



4. Easy installation and convenient maintenance



5. Plastic centrifugal fan, suitable blades, lower noise and stronger flow



8. Controller
- Wireless controller
- Wireless 8m transmission
 - 5 operation mode : Auto, Cooling, Dehumidification, Heating, Fan
 - Timer ON/OFF setting up to 24 hours
 - Temperature control range 16-32° C
 - Three fan speed selection
 - Sleep mode function



6. Optional control panel, meeting different requirements



- Wired controller
- LCD display
 - 5 - 8 m wire length
 - 5 operation mode : Auto, Cooling, Dehumidification, Heating, Fan
 - Timer ON/OFF setting up to 24 hours
 - Temperature control range 16-32° C
 - Three fan speed selection

7. Slim body, the depth of the body is only 380mm



CONDENSING UNIT + FLOOR STANDING TYPE (R410a) Cooling only

Indoor Unit			IFT -96 5G1	IFT -110 5G1	
Outdoor Unit			ICU -96 5G1	ICU -110 5G1	
Capacity	Cooling Capacity	Btu/h	96000	110000	
Electrical Parts	Power Supply	V- Ph- Hz	380V/3Ph/50Hz	380V/3Ph/50Hz	
	Power Input(W)	Cooling	8300	10350	
Performance	EER	Btu/w.h	11.52	10.49	
	Air Flow Volume	m ³ /h	4800/4550/4300	5400/5100/4750	
	Noise Level[dB(A)]	HI/MED/LOW	64	65	
Dimension & Weight & Piping Size	Net Dimension(mm)	Body(W*D*H)	1630x720x1145	1630x720x1145	
	Net Weight	Body	200	200	
	Package Dimension(mm)	Body(W*D*H)	1835x850x1185	1835x850x1185	
	Gross Weight(kg)	Body	220	220	
	Piping Size(mm)	Liquid		Ø12.7	Ø12.7
		Gas		Ø19.05	Ø19.05
		Drainage		DN25	DN25
Applicable Area & Stuffing	Applicable Area	m ²	140-187	160-213	
	Stuffing (Pcs)	20'/40'/40'HQ	10/24/1930	10/24/1930	

CONDENSING UNIT + FLOOR STANDING TYPE (R410a) Cooling Only

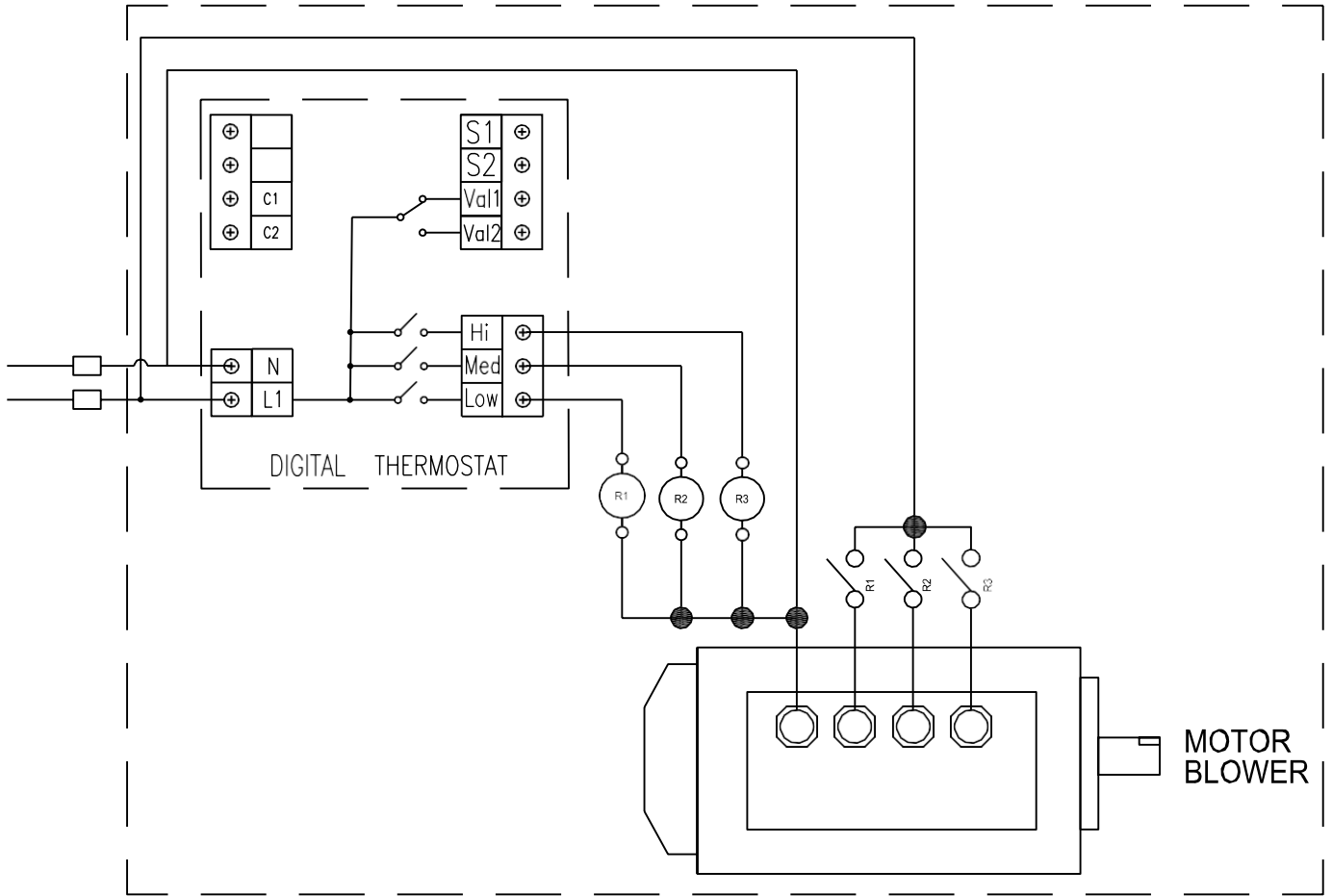
Indoor Unit			IFT-70 5G1	IFT-96 5G1	
Outdoor Unit			ICU -70 5G1	ICU -96 5G1	
Capacity	Cooling Capacity	Btu/h	70000	96000	
Electrical Parts	Power Supply	V- Ph- Hz	380V/3Ph/50Hz	380V/3Ph/50Hz	
	Power Input(W)	Cooling	7200	8585	
Performance	EER	Btu/w.h	9.49	11.14	
	Air Flow Volume	m ³ /h	3700/3500/3250	3700/3500/3250	
	Noise Level[dB(A)]	HI/MED/LOW	64/60/56	60/56/52	
Dimension & Weight & Piping Size	Net Dimension(mm)	Body(W*D*H)	1200x380x1855	1200x420x1855	
	Net Weight	Body	167	129	
	Package Dimension (mm)	Body(W*D*H)	1342x452x1960	1342x542x1960	
	Gross Weight(kg)	Body	190	159	
	Piping Size(mm)	Liquid		Ø12.7	Ø12.7
		Gas		Ø19.05	Ø19.05
		Drainage		DN25	DN25
Applicable Area & Stuffing	Applicable Area	m ²	100-133	140-187	
	Stuffing (Pcs)	20'/40'/40'HQ	20/44/48	16/34/40	

CONDENSING UNIT (R410a) Cooling Only

Outdoor unit			ICU-96 5G1	ICU-110 5G1
Specification	Cooling Capacity	Btu/h	96000	110000
Electrical Parts	Power Supply	V-Hz-Ph	380V/3Ph/50Hz	380V/3Ph/50Hz
	Air Flow Volume	m ³ /h	14000	16000
	Noise Level	dB(A)	68	68
Dimension & Weight	Net Dimension(mm)	W*D*H	1470x975x750	1470x975x750
	Net Weight	kg	210	210
	Packing Dimension(mm)	W*D*H	1520x1145x895	1510x1110x895
	Gross Weight	Kg	227	227
Piping Size	Liquid Size	Mm	Ø12.7	Ø12.7
	Gas Size	Mm	Ø19.05	Ø19.05
	Max. pipe length	M	30	30
	Max. height difference	M	15	15
Stuffing	20'/40'/40 HQ	Pcs	14/30/42	14/30/42

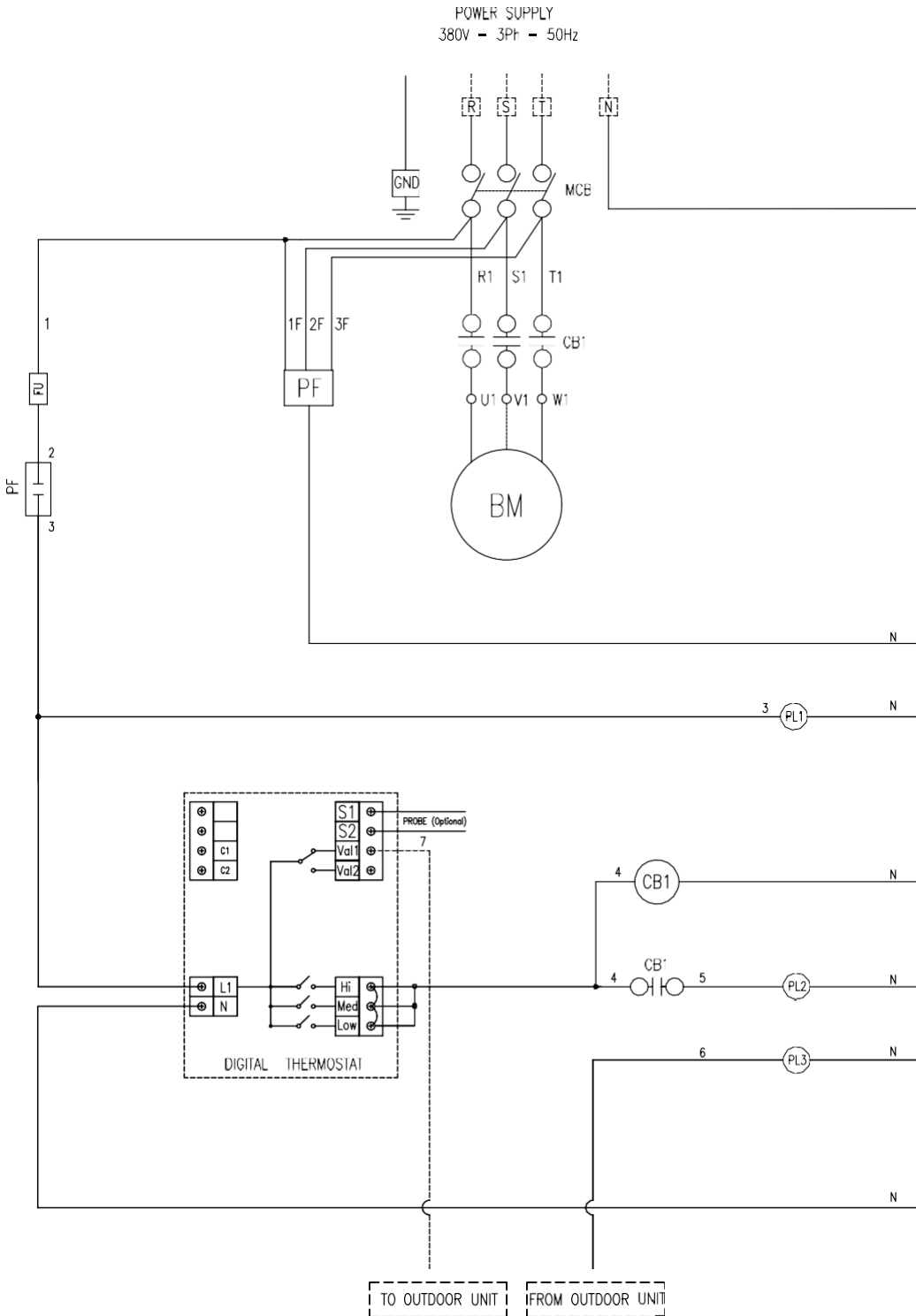
Wiring Diagrams

MOTOR 1 PHASE CONNECTION WITH 3 SPEED

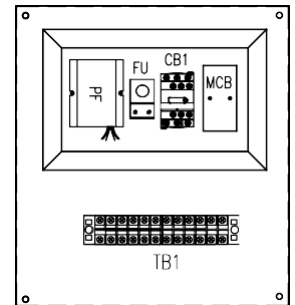


NOTE : DOTTED BOX - WIRING BY ITU

Wiring Diagrams



LAYOUT COMPONENT :



LEGEND :

- FU - FUSE
- PF - PHASE FAILURE
- MCB - MOTOR CIRCUIT BREAKER
- BM - BLOWER MOTOR
- CB1 - CONTACTOR BLOWER
- PL1 - PILOT LAMP POWER SUPPLY
- PL2 - PILOT LAMP INDOOR ON
- PL3 - PILOT LAMP OUTDOOR ON
- TH - THERMOSTAT
- GND - GROUND
- TB - TERMINAL BLOCK



OFFICES

Balai kota Gedung G
Bank Of Indonesia
Bank CIMB Niaga
Cyber Kuningan
GMF Cengkareng
Indah Kiat
Indonesia Power
Indosat
Kantor Walikota: Pusat, Timur, Barat
Lion Air
Menara BATAVIA
Menara Global
Menara Karya
Menara Mandiri Surabaya
Menara Multi
Ministry Of Health
Ministry Of Home Affairs
Ministry Of Industry
Ministry Of Justice & Human Rights
Ministry Of Maritime & Fisheries Affairs
Ministry Of Trade
Parliament
Pertamina
Puspitek
Sampurna Strategic Square
Selatan & Utara
Senayan Office Tower
Thamrin Tower
Trust Radiator Specialist
Wisma Indocement
Wisma Pondok Indah
Wisma Slipi

SHOPPING CENTERS

Atrium Mulia
Bintaro Life Style
Boarding Lounge Soetta
Carrefour
Carrefour Cawang
Carrefour Cempaka Putih
Carrefour Imam Bonjol
Carrefour Maguwo
Carrefour Pabelan
Ciputra Mall Citra Raya
Ciputra World Jakarta
Ciputra World Surabaya
Eco Plaza
Futami Food
Giant Hypermarket
Grage Mall Cirebon
Grand City Mall
Grand Metropolitan Mall
ITC Surabaya
Kalibata Mall
King Shopping Center
Kirana
KKCC Krampung
Malang Town Square
Mall Bogor
Mall Emporium
Mall Kalibata
Mall Karawaci
Mall Mangga Dua
Mall Margo City
Mall Pondok Gede
Pusat Grosir Cililitan

Mall Puri Indah
Mall Taman Anggrek
Mall Tasik
Matahari Department Store
Mega Mas
Metropolitan Mall
Mitra 10
Plaza Senayan
Pondok Indah Mall
Senen Blok 3
Ubertos Bandung

HOTELS

Borobudur
Four Season
Grand Hyatt
Grand Kuningan
Green Tebet
Horison
Ibis
Jayakarta
Maharaja
Maharani
Majapahit
Mandarin
Mercure
Mirah Bogor
Mulia
Mustika
Nelayan
Nikko Bali
Novotel
PHI Heritage
Pondok Indah
Quest Surabaya
Sahid
Sari Pan Pasific
Sentral
Sintesa Peninsula
Sultan
Western

HOSPITALS

RSUD Ambon
RS Anak Bunda
RS Awal Bross
RS Budi Asih
RS Cipto Mangunkusumo
RS Fatmawati
RS Islam Surabaya
RS Jantung Harapan Kita
RS Kanker Dharmais
RS Mayapada
RS Pasar Rebo
RS PELNI
RS Persada Malang
RS Pertamina Pusat
RS Pondok Indah
RS Premier
RS Sari Asih
RS Siloam Gleaneagle
RS Siloam Kb Jeruk
RS Sulianti Saroso
RSUD Kebumen
RSUD Purwokerto

INDUSTRIES

ABC
Aqua
Bekaert Indonesia
Bintang Toedjoe
Calbee Wings Food
Capsugel
Charoen Phokpan
Denso
Djarum
Enseval
Essai
Fanbo
Holcim Cement
Nine Cocoa
Orang Tua Group
Pabrik Kara Batam
Prestine
Pupuk Kaltim
Sanbe Farma
Semen Gresik
Sinde Budi Sentosa
STTC
Tirtamas Perkasa
Unilever
Indorama
Mercy Farma

OTHERS

AIRPORT TERMINAL
Soekarno-Hatta Terminal I, II, III
Juanda Surabaya
Ngurah Rai Denpasar
Iskandar Muda Aceh

MOBILE AIR CONDITIONING
Kereta Api Indonesia
Pelangi Bravo - CONOCO OIL

OFFSHORE
RIG Platform (Pertamina)

POWER PLANT
PLTU Paiton
PLTU Hyundai

RESTAURANTS
McDonald
Pizza Hut Indonesia
Sand Executive Rest
Starbuck

TV BROADCAST
TVRI
RCTI
SCTV
TV NET
TV ONE
METRO TV
INDO SIAR
TRANS TV



PT ITU AIRCONCO

Air Conditioner Manufacturer
Quality-Reliability-Speed

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