

Air Handling Units (Single Skinned)



YIDW Series

High Performance & Reliable



SHOPPING
CENTERS



OFFICES



HOTELS



INDUSTRIES



HOSPITALS



BROADCASTINGS



AIRPORT
TERMINALS



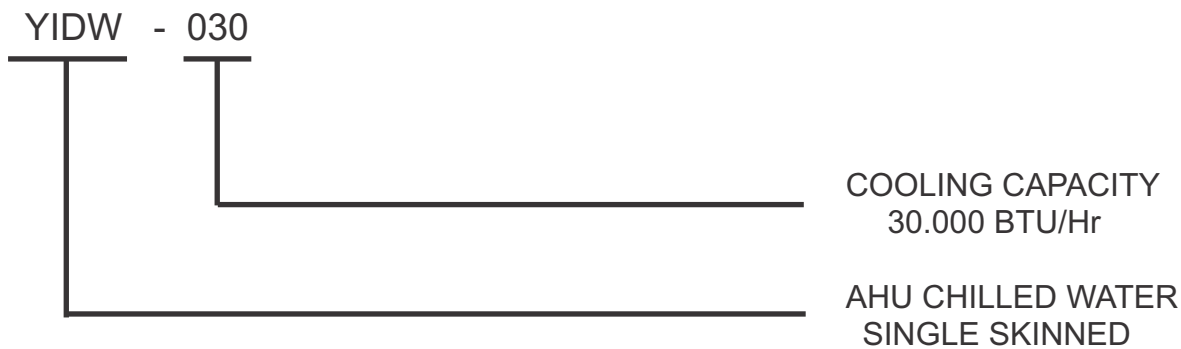
TRANSPORTATIONS

Product Introduction

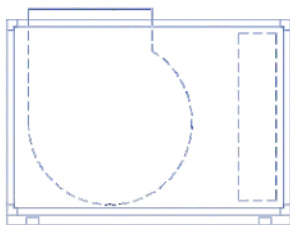
The YIDW Units is ITU's Single-Skinned Air Handling Units are completely package units with water system coils and designed for indoor installations. These quiet, efficient units are available in element nominal capacities from 2.5 TR through 60 TR (Tons Refrigeration) with air handling capabilities ranging from 1000 CFM to 20.000 CFM.

The YIDW Units applied with matching Chiller Units, provide years dependable cooling performance. These units may be bottom supported or ceiling suspended and can be arranged to meet almost any space or duct requirements. Low noise type centrifugal fan ensures quiet running. Insulated take gauge sheet metals is used to further reduce operation noise.

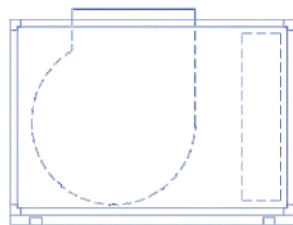
Nomenclature



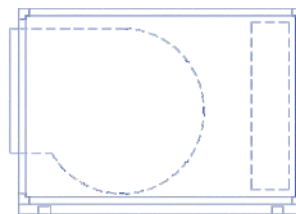
Fans Arrangements YIDW



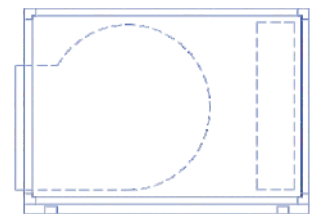
TOP DISCHARGE (T)



TOP DISCHARGE (TI)



REAR DISCHARGE (R)



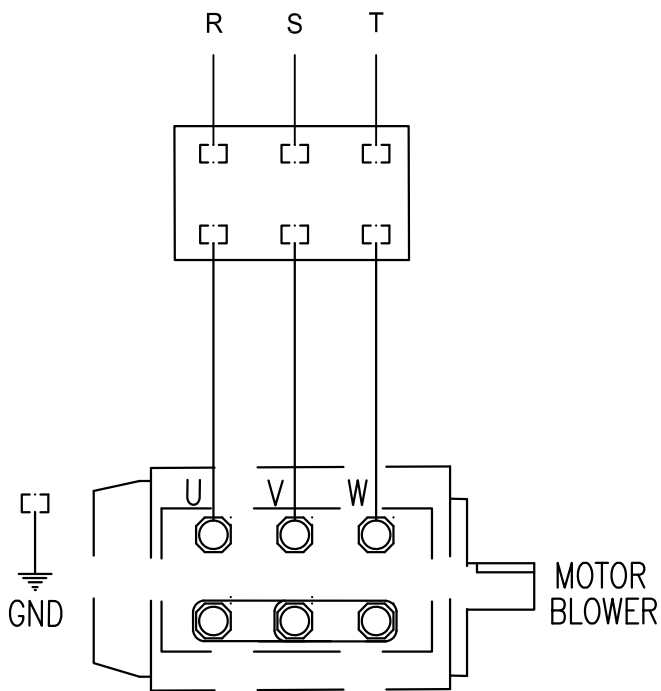
REAR DISCHARGE (RI)

Technical Data

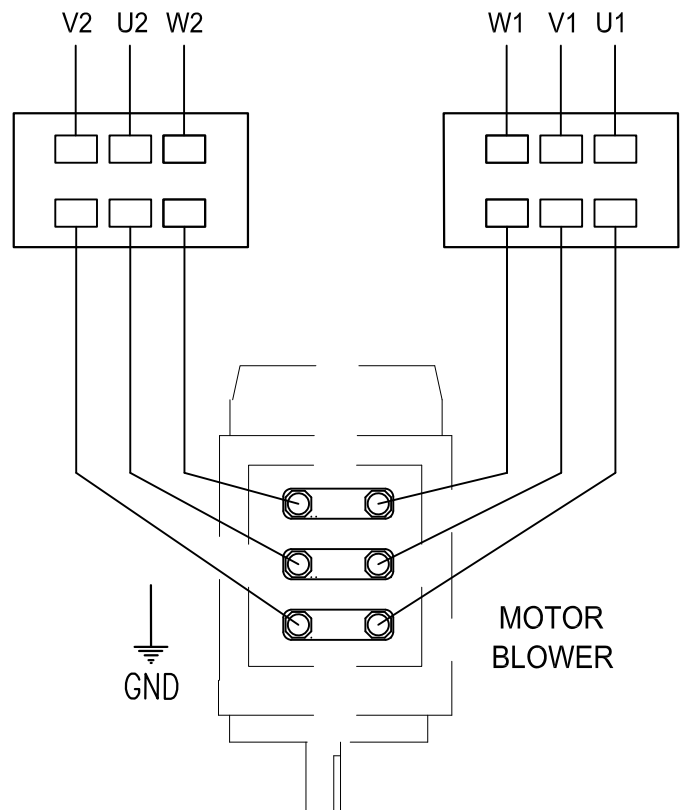
MODEL	COOLING CAPACITY Btu/h	FAN & MOTOR				COIL		PIPE		UNIT
		AIR FLOW		VOLTAGE	POWER	FACE AREA	COPPER	DRAIN	IN/OUT	WEIGHT
		Cfm	Cmh	V/Ph/Hz	Hp	Ft ²	Inch	Inch	Inch	Kg
YIDW 030	30,000	1,000	1,700	220/1/50	0,4	2	1/2	3/4	1 1/4	29
YIDW 040	40,000	1,200	2,040	3 Speed	0,6	3.04				40
YIDW 050	50,000	1,600	2,720		0,6	3.65				46
YIDW 060	60,000	2,200	3,740		2	4.06				66
YIDW 075	75,000	2,700	4,590	1.5	5.02	85				
YIDW 100	100,000	3,400	5,780	3	6.21	101				
YIDW 125	125,000	4,100	6,970		7.52	116				
YIDW 150	150,000	5,000	8,500		9.23	138				
YIDW 200	200,000	6,300	10,710	380/3/50 1 Speed	5	11.48			2	170
YIDW 250	250,000	8,500	14,450		7.5	15.58			207	
YIDW 300	300,000	10,900	18,530			19.99			252	
YIDW 350	350,000	11,000	18,700	21.53		280				
YIDW 400	400,000	12,800	21,760	10	23.58	300				
YIDW 450	450,000	14,000	23,800		28.29	348				
YIDW 500	500,000	15,500	26,350		30.75	375				
YIDW 600	650,000	18,600	31,620	15	33.83	405				
YIDW 750	750,000	20,000	34,000	20	37.5	450				

Wiring Diagram

1. Direct Online Connection (DOL)



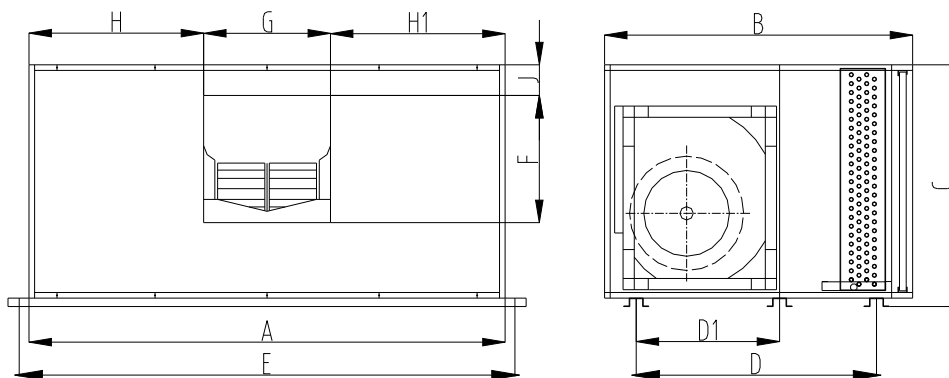
2. Star Delta Connection



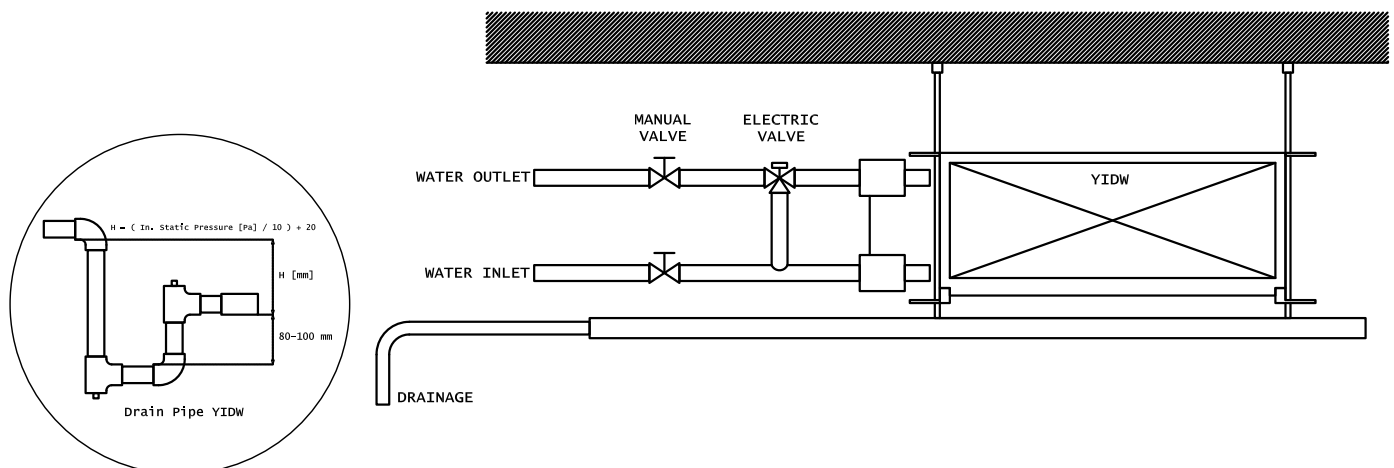
Dimensions

MODEL	DIMENSION										
	A	B	C	D	D1	E	F	G	H	H1	J
	mm										
YIDW 030	810	615	445	368		860	267	238	286	286	22
YIDW 040	1100	615	445	368		1150	267	238	431	431	22
YIDW 050	1100	615	470	368		1150	267	238	431	431	47
YIDW 060	1250	900	535	650		1170	292	292	515	293	55
YIDW 075	1500	900	535	694		1320	292	292	561	377	58
YIDW 100	1250	900	535	670		1570	328	328	606	606	23
YIDW 125	1470	1000	650	755		1540	366	366	552	552	75
YIDW 150	1700	1000	700	765		1770	410	410	645	645	59
YIDW 200	1700	1100	860	858		1770	459	459	621	621	144
YIDW 250	2100	1100	860	842		2170	460	460	820	820	150
YIDW 300	2150	1375	1054	1120		2220	574	574	788	788	140
YIDW 350	2300	1375	1054	1117		2370	644	644	828	828	54
YIDW 400	2500	1375	1054	1116		2570	644	644	928	928	52
YIDW 450	2500	1500	1251	1242		2570	646	646	925	925	244
YIDW 500	2751	1500	1300	1145		2810	722	722	1025	1025	178
YIDW 600	3000	1500	1300	1255	865	3070	722	722	1139	1139	192
YIDW 750	3000	1660	1427	1415	865	3070	807	807	1097	1097	192

Standard Product : 3 row coil



Air Handling Unit Installations





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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