



Applications Fields

UP pumps are designed for air energy hot water circulation system, solar hot water circulation system, boiler heating system, pressurization of domestic tap water, industry hot or cold water circulation system, etc.

Max.Flow:
35 m³/h

Max.Head:
20 m

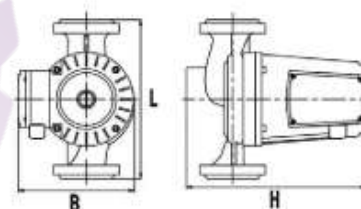
Wet rotor, canned motor, low noise, no leakage
Silicon carbide friction pair, which is very water-resisting

Application Limits

Liquid temperature: +2°C ~ +120°C
Maximum ambient temperature: +40°C
Maximum system pressure: 10 bar
Protection level: IP44
Mains connection: 220V/50Hz 220V/60Hz 127V/60Hz
Insulation class: F
Pumped liquid characteristics: clean, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water.
Installation: the motor shaft must be kept in horizontal direction
PH: 6.5 to 8.5

Optional Available On Request

The import and export of UP series products has both pipe thread connection and partial flange connection, which can be selected according to needs. Cast iron is generally used, but copper or stainless steel is also used according to the needs of users



*: "F" means Flange.

Model		Power	Max head	Max flow	Size	Dimension (mm)			N/W	Q (m³/h)	G	1	2	3	4	5	6	7	8	9	10	11	12		
Single-phase	Three-phase	W	m	m³/h	inch	L	B	H	kg	Q (L/min)	0	17	33	50	67	83	100	117	133	150	167	183	200		
UP25-9-180	/	300	9	7	1¼"	180	167	209	6.4	 H _m	9	8.8	8.5	8	7	5.5	4	2							
UP25-9-220	/	300	9	7	1½"	220	167	209	6.5		9	8.8	8.5	8	7	5.5	4	2							
UP25-12-180	/	500	12	7	1¼"	180	167	229	7.7		12	11.8	11.3	10.5	9.5	8.2	7	5.8							
UP25-12-220	/	500	12	7	1½"	220	167	229	7.8		12	11.8	11.3	10.5	9.5	8.2	7	5.8							
UP25-16-220	/	500	16	5.5	1½"	220	200	245	8.2		16	15.8	15	13.5	11	8									
UP25-20-230	/	1000	20	12	1½"	230	234	286	13.4		20	19.2	19	18.8	18.5	18	17.7	17	16	15	14.2	13	11.8		
UP32-9-180	/	300	9	8	2"	180	167	214	7		9	8.8	8.5	8	7.2	6.6	5.8	4.5	3.4						
UP32-9-220	/	300	9	8	2"	220	167	214	7.1		9	8.8	8.5	8	7.2	6.6	5.8	4.5	3.4						
UP32-12-180	/	500	12	10	2"	180	167	234	8.4		12	11.8	11.3	10.5	9.8	9	8	7	5.7	4.4	3				
UP32-12-220	/	500	12	10	2"	220	167	234	8.5		12	11.8	11.3	10.5	9.8	9	8	7	5.7	4.4	3				
UP32-16-230	/	700	16	11	2"	230	215	255	12	16	15.9	15.5	15	14	13	12	10.5	8.8	7	5	3				
UP32-18-230	UP32-18-230T	1000	18	12	2"	230	215	255	13	18	17.9	17.8	17.3	16.7	16	15.6	14.8	13.7	12.3	10.8	9	7			



*: "F" means Flange.

Model		Power	Max head	Max. flow	Size	Dimension(mm.)			N/W	Q (m³/h)	Q	2	4	6	8	10	12	14	16	18	20	24	28	
Single-phase	Three-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	33	67	100	133	167	200	233	267	300	333	400	467	
UP32-9-220F	/	300	11	8.8	DN32	220	167	234	9.3		11	9.4	7.6	5.3	2.6									
UP32-12-220F	/	500	12	8	DN32	220	167	234	9.3		12	10.7	9.3	7.5	5	2								
UP40-5-230F	/	300	5	14	DN40	230	167	250	9.5		5	4	3.6	3.1	2.5	1.7	1							
UP40-9-250F	UP40-9-250TF	500	9	14	DN40	250	200	255	14.5		9	8.9	8.6	8	6.6	5	3	1						
UP40-12-250F	UP40-12-250TF	700	12	14	DN40	250	215	265	18		12	11.8	11.6	10.8	9.2	7.3	5	2.5						
UP40-16-250F	UP40-16-250TF	1000	16	15	DN40	250	215	265	18		16	15.8	14.8	13.5	11.8	9.7	7.4	5						
UP40-18-250F	UP40-18-250TF	1300	18	15	DN40	250	215	280	18.5		18	17.8	17.5	16.5	15	13	10.4	7.4						
UP50-9-280F	UP50-9-280TF	700	9	18	DN50	280	215	280	19		9	8.9	8.8	8.6	7.7	6.6	5.5	4.3	3	1.6				
UP50-11-224F	/	400	11	10	DN50	224	163	253	11		11	10.6	9	7.6	5.6	3								
UP50-12-225F	/	550	12	12	DN50	225	160	253	14		12	11	10	8.8	7.2	5	2.2							
UP50-12-280F	UP50-12-280TF	1000	12	18.6	DN50	255	219	314	23		12	11.8	11.5	10.5	9.5	8.5	7.5	6.5	5.4	4	2.9			
UP50-16-280F	UP50-16-280TF	1300	16	22	DN50	280	215	280	20		16	15.8	15.7	15	14	13.2	12.2	11	10	8.7	7.2			
UP50-17-255F	/	750	17	23	DN50	280	215	280	21		17	16.2	14.8	13.5	12.2	10.8	9.2	7.7	5.7	3.4				
UP50-20-255F	/	1100	20	23	DN50	255	219	314	25		20	18.5	17.5	16.3	15	13.5	12.2	10.4	8.5	7.5	5			
UP65-9-300F	UP65-9-300TF	1000	9	30	DN65	300	215	290	23		9	8.9	8.8	8.7	8.6	8.5	8.5	7.9	7.3	6.5	5.9	4.3	2.5	
UP65-9-340F	UP65-9-340TF	1000	9	30	DN65	340	215	300	33		9	8.9	8.8	8.7	8.6	8.5	8.5	7.9	7.3	6.5	5.9	4.3	2.5	
UP65-12-300F	UP65-12-300TF	1300	12	30	DN65	300	215	290	24		12	11.9	11.8	11.7	11.6	11.4	11	10.5	10	9.5	8.8	7.5	5.8	
UP80-10-360F	/	1000	10	32	DN80	360	247	320	20		10	9.6	9.4	9	8.8	8.5	8.3	7.7	7.3	7	6.5	5.5	4.4	
UP80-12-360F	/	1300	12	35	DN80	360	247	345	24.4		12	11.8	11.6	11.5	11.4	11.2	11	10.8	10.5	10	9.5	8.3	7.2	
/	UP80-12-360TF	1300	12	30	DN80	360	215	310	36.5		12	11.8	11.6	11.5	11.4	11.2	11	10.8	10.5	10	9.5	8.3	7.2	

UPS CIRCULATIONPUMP



UPS-Z



UPS



UPS-F

Applications Fields

UPS pumps are recommended for circulation of liquids in heating and air conditioning systems. The pump is made of cast iron or copper for use in hot water systems. This pump is also typically used in urban apartments, suburban villas, residential water pressurization, liquid circulation of cooling systems and air conditioning systems, and solar water supply for boilers.

Max.Flow:
49 m³/h

Max.Head:
20 m

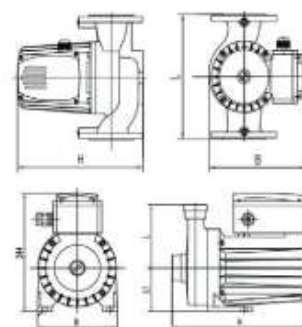
3-speed adjustment
Low noise
No leakage

Application Limits

Liquid temperature: +2°C ~ +120°C
Maximum ambient temperature: 0~40°C
Maximum system pressure: 10 bar
Protection level: IP44
Mains connection: 3X220V/3X380V-50Hz
Insulation class: F
Pumped liquid characteristics: clean, free from solids
Granule, fiber and mineral oils, non-toxic, chemically neutral, close to the characteristics of water.
Placing request: the motor shaft must be kept in horizontal direction
PH: 6.5 to 8.5

Optional Available On Request

Products can be customized according to customer's
Brass pump body, materials
Cast iron pump body



UPS CIRCULATION PUMP



*: "F" means Flange.

*: "T" means three-phase.

Model	Power	Max head	Max flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	2	4	6	8	10	12	14	16
Three-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	33	67	100	133	167	200	233	267
UPS25-16-230T	700/450/400	16/13/11	14.5/12/9.2	1.25"/1"	230	234	286	12.5	H(m)	16	15.2	14.1	12.8	10.8	8.3	5.3	1.6	/
UPS25-20-230T	1000/700/600	20/17/14	17/14/12.5	1.25"/1"	230	234	286	13.4		20	19.2	18.2	17	15.5	13.5	11	7.8	3.5
Model	Power	Max head	Max flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	1	2	3	4	5	6	7	8
Single-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	17	33	50	67	86	100	117	133
UPS32-5-200F	145/135/95	5.2/4.1/2.6	4/2.5/1.6	DN32	200	150	185	5.2	H(m)	5.2	4.2	3.1	2.8	0.5	/	/	/	/
UPS32-8-200F	245/190/135	8/7/5	8/5.2/3.5	DN32	200	150	185	5.8		8	7.5	6.8	6.3	5.5	4.8	4	3	2.3
UPS40-3-215F	145/120/100	3/2.5/1.5	8/5.5/4.5	DN40	215	150	185	7.2		3	2.8	2.6	2.2	2	1.7	1.3	0.9	/
Model	Power	Max head	Max flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	4	8	12	16	20	24	28	32
Three-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	67	133	200	267	333	400	467	533
UPS40-12-250TF	700/450/400	14.5/12.5/11	14/11.2/8	DN40	250	234	297	15.3	H(m)	14.5	13.2	10	4.2	/	/	/	/	/
UPS40-16-250TF	1000/700/600	16.2/15.5/14.5	17/14/12	DN40	250	234	297	16.9		16.2	15.3	13.5	9	2	/	/	/	/
UPS50-12-280TF	1000/700/600	13.2/11/10	24/18.5/13	DN50	280	242	304	17.5		13.2	12.6	11.2	9.4	6.8	3.6	0.2	/	/
UPS50-16-280TF	1300/1000/900	16.5/16/15	28/26/24	DN50	280	242	329	19.6		16.5	16	15.2	14.2	12.4	9.6	6	0.1	/
UPS50-20-280TF	1300/1000/900	20/17/16	24.5/22/18.5	DN50	280	242	329	19.8		20	19.2	16.8	15.7	12.4	8.6	0	/	/
UPS65-5-280TF	700/450/400	6.2/6/4.5	32/28/25.5	DN65	280	242	310	18		6.2	5.7	5.3	4.7	4	3.2	2.3	1.3	/
UPS65-8-280TF	700/450/400	8.2/6.7/5.5	35/28/25	DN65	280	242	310	18.2		8.2	8	7.5	6.9	6	5.2	4.2	3	1.7
UPS65-10-300TF	1000/700/600	10.2/8.8/7	38/34/30	DN65	300	242	310	19.7		10.3	9.8	9	8.2	7.4	6.3	5.3	4	2.5
UPS65-12-300TF	1300/1000/900	13.7/11/9.5	49/44/39	DN65	300	242	335	21.5		13.5	13	12.5	11.8	11	10	9.2	8	7
Model	Power	Max head	Max flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	5	10	15	20	25	30	35	40
Three-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	83	167	250	333	417	500	583	667
UPS80-10-300TF	1000/700/600	10/8/7	35/30/27	DN80	360	247	320	20	H(m)	10	9.5	8.5	7.5	6.5	5	3.5	2	/
UPS80-12-300TF	1300/1000/900	12.2/10/9.3	41.23/35/33	DN80	360	247	345	24.4		12	11.4	10.6	9.8	8.8	8	6.6	5	3.6

CPHB CIRCULATION PUMP



Applications Fields

CPHB pumps are designed for circulation of liquids in heating and air-conditioning systems. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in hot-water service systems. This pump is also often used in HVAC, air conditioning, industrial circulation system, hot water circulation system, solar energy and boiler hot water, domestic water pressure and other fields.

Max.Flow:
10 m³/h

Max.Head:
8 m

3-speed adjustment
Low noise
No leakage
Flange connection

Application Limits

Liquid temperature: +2°C ~ +100°C
Maximum ambient temperature: +40°C
Maximum system pressure: 10 bar
Protection level: IP44
Mains connection: 220V/50Hz
Pumped liquid characteristics: clean, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water.
Installation: the motor shaft must be kept in horizontal direction
PH: 6.5 to 8.5

Optional Available On Request

Products can be customized according to customer's voltage and frequency.
Brass pump body, Cast Iron pump body, stainless steel pump body.



Model	Power	Max head	Max flow		Size	N/W	Q (m³/h)	0	1	2	3	4	5	6	7	8	9	10
	W	m	L/min	m³/h	Inch	kg	Q (L/min)	0	17	33	50	67	83	100	117	133	150	167
CPHB10-40F	160	5	100	6	40(1 1/2")	7	H(m)	5.4	5	4.5	4.1	3.5	2.9	2.1	1.3			
CPHB10-50F	160	5	133	8	50(2")	7.2		5.4	5	4.5	4.1	3.5	2.9	2.1	1.3			
CPHB12-40F	260	8	117	7	40(1 1/2")	7.7		8.05	7.6	7	6.4	5.7	5	4.2	3.3	2.4	1.4	0.18
CPHB12-50F	260	8	167	10	50(2")	7.5		8.05	7.6	7	6.4	5.7	5	4.2	3.3	2.4	1.4	0.18