



Bitzer Compressor Condensing Units With U/V Type Condenser



LUBU/LUBV Series

Products features:

With Bitzer Semi-hermetic Compressor
Horse Power: From 5HP to 44HP
Refrigerant: R404A
Application: Medium Temperature,
Low Temperature
Air Cooled with U type condenser
Air Cooled with V type condenser



LUBU / LUBV SERIES

Bitzer Compressor With U / V Type Condenser Condensing Units

LUBU
LUBV



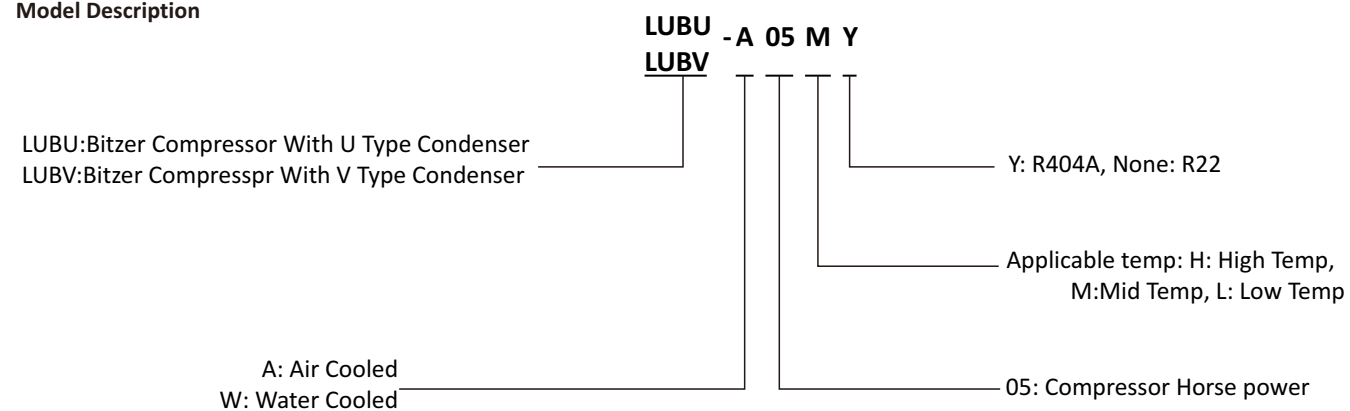
Products description:

Box type, compact structure and good-looking figure;
Scientific designs, steady air flow, can fully exert heat-transfer capacity of the condensing unit;
Rational performance design, high energy efficiency;
Axial fan, good-looking figure, low processing noise level;
Convenient design for maintain (front board can be easily take down);

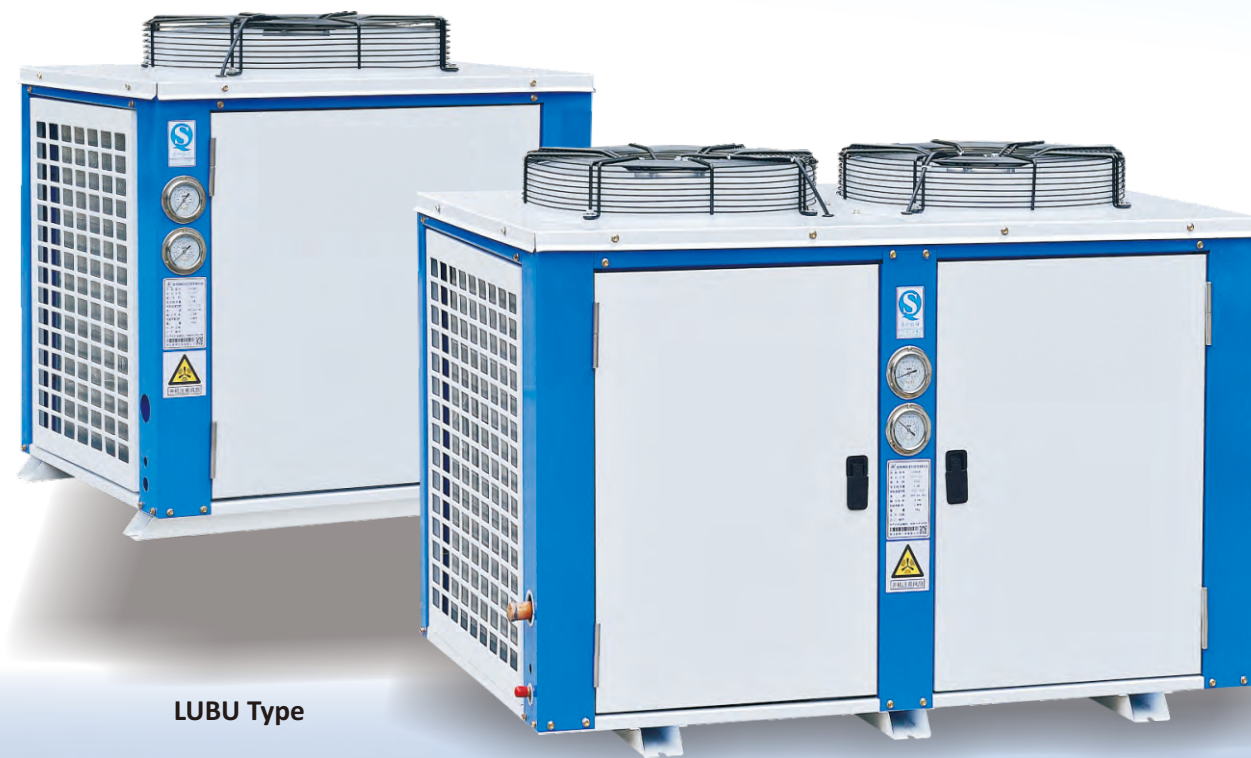
Range of application :

Refrigeration industry, cold room project;
Agricultural, food, restaurant, chemical industry

Model Description



LUBV Type



LUBU Type



 LUBU Bitzer Compresspr With U Type Condenser

Air Cooled Low Temp (R404A)

Model			LUBU-A05LY	LUBU-A09LY	LUBU-A12LY	LUBU-A14LY
Compressor model			4DES-5Y	4TES-9Y	4PES-12Y	4NES-14Y
Applicable Temperature(°C)			-15℃~-30℃			
Refrigerant			R404A			
Power supply			380V/3PH/50Hz			
Condenser	Quantity of Fan		1	2	2	2
	Power of Fan(W)		330	160×2	230×2	230×2
Compressor Capacity	Temp -25℃	Capacity (W)	5900	8620	9500	11700
		Input (KW)	4.55	6.35	6.88	8.58
	Temp -30℃	Capacity (W)	4400	6310	6830	8550
		Input (KW)	3.94	5.38	5.74	7.24
	Temp -35℃	Capacity (W)	3200	4460	4710	6030
		Input (KW)	3.34	4.46	4.64	5.94
	Temp -40℃	Capacity (W)	2250	3000	3060	4060
		Input (KW)	2.76	3.61	3.62	4.72
Pipe	Liquid Dia (inch)		1/2	5/8	5/8	5/8
	Suction inlet(inch)		1-1/8	1-3/8	1-3/8	1-3/8
Overall Dimension		Length (mm)	990	1240	1500	1500
		Width (mm)	753	803	854	903
		Height (mm)	857	852	867	875

Model			LUBU-A18LY	LUBU-A23LY	LUBU-A28LY	LUBU-A34LY
Compressor model			4HE-18Y	4GE-23Y	6HE-28Y	6GE-34Y
Applicable Temperature(°C)			-15℃~-30℃			
Refrigerant			R404A			
Power supply			380V/3PH/50Hz			
Condenser	Quantity of Fan		2	2	2	2
	Power of Fan(W)		450×2	600×2	520×2	830×2
Compressor Capacity	Temp -25℃	Capacity (W)	16690	19670	23500	29700
		Input (KW)	12	14.27	17.13	21.8
	Temp -30℃	Capacity (W)	12450	14820	17760	22600
		Input (KW)	10.35	12.33	14.78	18.95
	Temp -35℃	Capacity (W)	9000	10870	12980	16680
		Input (KW)	8.75	10.46	12.46	16.19
	Temp -40℃	Capacity (W)	6220	7690	9070	11910
		Input (KW)	7.23	8.71	10.4	13.56
Pipe	Liquid Dia (inch)		3/4	3/4	3/4	7/8
	Suction inlet(inch)		1-5/8	1-3/8	2-1/8	2-1/8
Overall Dimension		Length (mm)	1500	1606	1704	1704
		Width (mm)	953	1003	1053	1053
		Height (mm)	867	1004	1108	1108

- 1.Rated input power and current is the number under ARI working condition;
- 2.Unit nominal refrigeration capacity testing working condition: evaporating temperature -18℃, ambient temperature 32℃, degree of superheat 0℃, degree of super-cooling5℃

 LUBV Bitzer Compresspr With V Type Condenser

Air Cooled Medium Temp (R404A)

Model			LUBV-A20MY	LUBV-A25MY	LUBV-A30MY	LUBV-A35MY	LUBV-A40MY
Compressor model			4NE-20Y	4HE-25Y	4GE-30Y	6HE-35Y	6GE-40Y
Applicable Temperature(°C)			-10℃~ 5℃				
Refrigerant			R404A				
Power supply			380V/3PH/50Hz				
Condenser	Fan Qty		2	2	2	3	3
	Air Volume(m³/h)		2*12200	2*15000	2*19000	3*13200	3*15000
	Input (W)		2*800	2*750	2*1100	3*550	3*750
Compressor Capacity	Eavp -0℃	capacity(W)	41650	60950	65950	81650	85050
		Input(KW)	18.05	22.3	26.9	34.4	38.6
	Eavp-20℃	capacity(W)	36050	52250	57950	70850	76450
		Input(KW)	15.85	20.6	25	31.8	38.3
	Eavp-25℃	capacity(W)	21750	30300	36200	43200	48300
		Input(KW)	12.15	15.85	18.85	25.2	27.5
Pipe	Suction inlet (Inch)		3/4"	3/4"	3/4"	7/8"	7/8"
	Liquid Dia (inch)		1-5/8"	2-1/8"	2-1/8"	2-1/8"	2-1/8"
Overall Dimension		Length (mm)	1750	1900	2250	2650	2950
		Width (mm)	1000	1175	1175	1175	1175
		Height (mm)	1900	1980	1980	1980	1980

Air Cooled Low Temp (R404A)

Model			LUBV-A18LY	LUBV-A23LY	LUBV-A28LY	LUBV-A34LY	LUBV-A44LY
Compressor model			4HE-18Y	4GE-23Y	6HE-28Y	6GE-34Y	6FE-44Y
Temperature(°C)			-15℃~-30℃				
Refrigerant			R404A				
Power supply			380V/3PH/50Hz				
Condenser	Fan Qty		2	2	2	2	2
	Air Volume(m³/h)		2*8720	2*10820	2*10820	2*15000	2*19000
	Input (W)		2*780	2*780	2*780	2*750	2*1100
Compressor Capacity	Eavp-0℃	capacity(W)	25400	28700	31700	41600	46400
		Input(KW)	16.7	19.8	25.4	23.6	27.7
	Eavp-20℃	capacity(W)	1330	17210	22420	27030	30450
		Input(KW)	9.56	12.8	14.05	18.5	21.2
	Eavp-25℃	capacity(W)	10400	13650	18150	20980	23470
		Input(KW)	8.4	10.05	16.2	16.15	18.15
Pipe	Suction inlet (Inch)		5/8"	3/4"	3/4"	7/8"	7/8"
	Liquid Dia (inch)		1-5/8"	2-1/8"	2-1/8"	2-1/8"	2-5/8"
overall dimension		Length (mm)	1430	1470	1700	1900	2250
		Width (mm)	1000	1000	1000	1175	1175
		Height (mm)	1080	1180	1780	1980	1980