

Indoor Unit: High Static Pressure Ducted

High Static Pressure Duct R32 Deluxe model



Capacity		7.5kW		10.0kW		12.5kW		15.0kW		17.5kW		20.0kW		22.5kW		25.0kW		
Model Name	Indoor Unit	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	U-10P20R32	
Cooling capacity	kW	7.1 (2.4 - 9.0)	7.1 (2.4 - 9.0)	10.0 (3.1 - 12.8)	10.0 (3.1 - 12.8)	12.5 (3.7 - 16.3)	12.5 (3.7 - 16.3)	15.0 (4.5 - 19.5)	15.0 (4.5 - 19.5)	17.5 (5.2 - 22.8)	17.5 (5.2 - 22.8)	20.0 (6.0 - 26.0)	20.0 (6.0 - 26.0)	22.5 (6.7 - 28.7)	22.5 (6.7 - 28.7)	25.0 (7.5 - 31.5)	25.0 (7.5 - 31.5)	
Heating capacity	BTU/h	24,200 (8,600 - 30,700)	24,200 (8,600 - 30,700)	34,100 (10,600 - 47,600)	34,100 (10,600 - 47,600)	42,700 (12,900 - 58,500)	42,700 (12,900 - 58,500)	51,300 (15,400 - 69,200)	51,300 (15,400 - 69,200)	60,900 (18,300 - 81,500)	60,900 (18,300 - 81,500)	70,500 (21,300 - 93,300)	70,500 (21,300 - 93,300)	81,100 (24,300 - 107,100)	81,100 (24,300 - 107,100)	91,700 (27,300 - 122,700)	91,700 (27,300 - 122,700)	
SEER / COP	W/W	3.48 / 3.68	3.48 / 3.68	3.79 / 3.78	3.79 / 3.78	3.97 / 3.80	3.97 / 3.80	4.17 / 3.85	4.17 / 3.85	4.37 / 3.92	4.37 / 3.92	4.57 / 4.00	4.57 / 4.00	4.77 / 4.07	4.77 / 4.07	4.97 / 4.15	4.97 / 4.15	
Static pressure condition	W/W	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	
Total power input	Cooling / Heating / W/W	2.04 / 2.08 / 4.68 / 4.80	2.04 / 2.08 / 4.68 / 4.80	2.54 / 2.56 / 5.54 / 5.70	2.54 / 2.56 / 5.54 / 5.70	3.00 / 3.00 / 6.50 / 6.70	3.00 / 3.00 / 6.50 / 6.70	3.50 / 3.50 / 7.50 / 7.70	3.50 / 3.50 / 7.50 / 7.70	4.00 / 4.00 / 8.50 / 8.70	4.00 / 4.00 / 8.50 / 8.70	4.50 / 4.50 / 9.50 / 9.70	4.50 / 4.50 / 9.50 / 9.70	5.00 / 5.00 / 10.50 / 10.70	5.00 / 5.00 / 10.50 / 10.70	5.50 / 5.50 / 11.50 / 11.70	5.50 / 5.50 / 11.50 / 11.70	
TCSPF / HSPF	Residential	Heating	4.11 / 4.22	4.11 / 4.22	4.40 / 4.34	4.40 / 4.34	4.60 / 4.50	4.60 / 4.50	4.80 / 4.70	4.80 / 4.70	5.00 / 4.90	5.00 / 4.90	5.20 / 5.10	5.20 / 5.10	5.40 / 5.30	5.40 / 5.30	5.60 / 5.50	5.60 / 5.50
		Cooling	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79	4.52 / 3.79
		Hot Climate	4.15 / 4.08	4.15 / 4.08	4.35 / 4.28	4.35 / 4.28	4.55 / 4.48	4.55 / 4.48	4.75 / 4.68	4.75 / 4.68	4.95 / 4.88	4.95 / 4.88	5.15 / 5.08	5.15 / 5.08	5.35 / 5.28	5.35 / 5.28	5.55 / 5.48	5.55 / 5.48
		Cold Climate	4.10 / 4.02	4.10 / 4.02	4.30 / 4.23	4.30 / 4.23	4.50 / 4.43	4.50 / 4.43	4.70 / 4.63	4.70 / 4.63	4.90 / 4.83	4.90 / 4.83	5.10 / 5.03	5.10 / 5.03	5.30 / 5.23	5.30 / 5.23	5.50 / 5.43	5.50 / 5.43
Indoor Unit	Power source	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	
		Current (rated)	Cooling / Heating / A	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V
		Dimensions (H x W x D)	mm	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700	300 x 1,200 x 700
		Net weight	kg	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Specifications of R32 Compact Model



Capacity		6.0kW		7.5kW		10.0kW		12.5kW		15.0kW		17.5kW		20.0kW			
Model Name	Indoor Unit	U-6P20R32	U-6P20R32	U-7P20R32	U-7P20R32	U-10P20R32	U-10P20R32	U-12P20R32	U-12P20R32	U-15P20R32	U-15P20R32	U-17P20R32	U-17P20R32	U-20P20R32	U-20P20R32		
Cooling capacity	kW	6.0 (2.0 - 7.5)	6.0 (2.0 - 7.5)	7.5 (2.6 - 9.0)	7.5 (2.6 - 9.0)	10.0 (3.0 - 11.5)	10.0 (3.0 - 11.5)	12.5 (3.7 - 15.0)	12.5 (3.7 - 15.0)	15.0 (4.5 - 18.0)	15.0 (4.5 - 18.0)	17.5 (5.2 - 21.0)	17.5 (5.2 - 21.0)	20.0 (6.0 - 24.0)	20.0 (6.0 - 24.0)		
Heating capacity	BTU/h	20,500 (6,800 - 28,200)	20,500 (6,800 - 28,200)	24,200 (7,500 - 30,900)	24,200 (7,500 - 30,900)	34,100 (10,300 - 47,900)	34,100 (10,300 - 47,900)	42,700 (12,800 - 58,600)	42,700 (12,800 - 58,600)	51,300 (15,400 - 69,200)	51,300 (15,400 - 69,200)	60,900 (18,300 - 81,600)	60,900 (18,300 - 81,600)	70,500 (21,300 - 93,400)	70,500 (21,300 - 93,400)		
SEER / COP	W/W	3.26 / 4.28	3.26 / 4.28	3.71 / 4.25	3.71 / 4.25	3.92 / 4.28	3.92 / 4.28	4.13 / 4.32	4.13 / 4.32	4.34 / 4.32	4.34 / 4.32	4.55 / 4.32	4.55 / 4.32	4.76 / 4.32	4.76 / 4.32		
Static pressure condition	W/W	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80		
Total power input	Cooling / Heating / W/W	1.64 / 1.67 / 3.58 / 3.65	1.64 / 1.67 / 3.58 / 3.65	2.11 / 2.17 / 4.50 / 4.60	2.11 / 2.17 / 4.50 / 4.60	2.58 / 2.65 / 5.50 / 5.65	2.58 / 2.65 / 5.50 / 5.65	3.05 / 3.10 / 6.50 / 6.70	3.05 / 3.10 / 6.50 / 6.70	3.52 / 3.57 / 7.50 / 7.70	3.52 / 3.57 / 7.50 / 7.70	4.00 / 4.05 / 8.50 / 8.70	4.00 / 4.05 / 8.50 / 8.70	4.47 / 4.52 / 9.50 / 9.70	4.47 / 4.52 / 9.50 / 9.70		
TCSPF / HSPF	Residential	Heating	4.15 / 4.25	4.15 / 4.25	4.45 / 4.35	4.45 / 4.35	4.65 / 4.55	4.65 / 4.55	4.85 / 4.75	4.85 / 4.75	5.05 / 4.95	5.05 / 4.95	5.25 / 5.15	5.25 / 5.15	5.45 / 5.35	5.45 / 5.35	
		Cooling	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	4.58 / 3.74	
		Hot Climate	4.10 / 4.02	4.10 / 4.02	4.30 / 4.23	4.30 / 4.23	4.50 / 4.43	4.50 / 4.43	4.70 / 4.63	4.70 / 4.63	4.90 / 4.83	4.90 / 4.83	5.10 / 5.03	5.10 / 5.03	5.30 / 5.23	5.30 / 5.23	
		Cold Climate	4.05 / 3.97	4.05 / 3.97	4.25 / 4.18	4.25 / 4.18	4.45 / 4.38	4.45 / 4.38	4.65 / 4.58	4.65 / 4.58	4.85 / 4.78	4.85 / 4.78	5.05 / 4.98	5.05 / 4.98	5.25 / 5.18	5.25 / 5.18	
Indoor Unit	Power source	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	3 Phase / 3W/3	
		Current (rated)	Cooling / Heating / A	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V	220V / 240V
		Dimensions (H x W x D)	mm	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700	200 x 1,200 x 700
		Net weight	kg	21	21	21	21	21	21	21	21	21	21	21	21	21	21

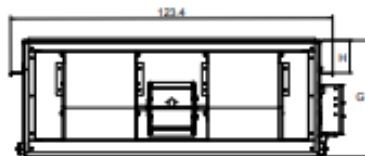
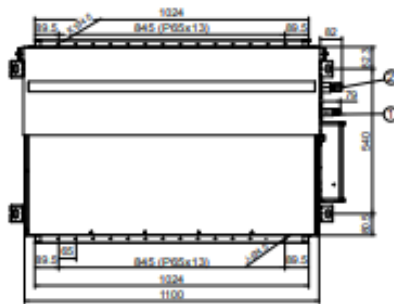
- In the case of narrow X OFF
- In case it is necessary to indicate the air flow volume (m³/h), the value in (Indoor) shall be multiplied by 10.7 and rounded down the decimal point.
- SEER and ACOF classification is per (2006) only in accordance with GEMD009.
- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions.
- Outdoor power supply
- Not adjustable, refer to "Indoor Fan Performance" section of technical data.
- For piping connection for 6.0kW unit, connect the gas socket tube (D17.2 (0.68)) to the gas tubing side indoor unit and connect the liquid socket tube (D17.2 (0.68)) to the liquid tubing side indoor unit.
- For piping connection for 7.5kW unit, connect the gas socket tube (D17.2 (0.68)) to the gas tubing side indoor unit and connect the liquid socket tube (D17.2 (0.68)) to the liquid tubing side indoor unit.

Indoor Unit Dimensions

HIGH STATIC PRESSURE DUCTED

Dimensions (6.0kW – 16.0kW)

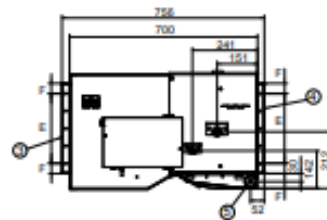
S-60PE3R / S-71PE3R / S-100PE3R / S-125PE3R / S-140PE3R / S-160PE3R



TYPE	E	F	G	H	J	K
S-60PE3R	130 (P65x2)	33.1	290	118	34	34
S-71PE3R S-100PE3R	106 (P65x3)	35.7	360	50	36	36
S-125PE3R S-140PE3R S-160PE3R	260 (P65x4)	38.2	430	121.5	38	38

- ① Refrigerant liquid tubing (Flare) ø0.52
- ② Refrigerant gas tubing (Flare) ø15.88
- ③ Air intake High Static Pressure duct connecting side flange
- ④ Air discharge High Static Pressure duct connecting side flange
- ⑤ Drain port

• The F23 series type 60 and 71 outdoor unit refrigerant pipe is different dimension from indoor unit.
Refer to technical data for more details.



unit: mm