## PROJECT VRF R410A FULL DC INVERTER, EFFICIENCY AND EASE OF INSTALLATION

Strengthened by its continued commitment to technological research and its long experience in the heating/cooling systems market in Italy and Europe, Hokkaido is proud to announce the **PROJECT VRF R410A** line, a strong candidate for a leading product in the VRF systems market.

**Efficiency, reliability** and **application flexibility** are the quality solutions that the XRV Systems offer for the various applicative requirements of installers, designers and final customers.

Line up	48
XRV PLUS MINI	52
Heat pump	
	55
Heat pump	
XRV PLUS HEAT RECOVERY	58
Heat recovery - 3 pipes	
PREMIUM INDOOR UNITS	69
P series	
ENTHALPY HEAT RECOVERY UNIT	76
EEV KIT	78

#### PROJECT VRF R410A FULL DC INVERTER - LINE UP

••••

## XRV MULTI SYSTEM Outdoor heat pump units

#### **XRV PLUS MINI**

#### SINGLE PHASE

2.5HP single phase HCNU 806 XRV

. . . . . . .







3.2HP	
single phase	
HCNU 1056 XRV	



5HP	6HP
single phase	single phase
HCNU 1406 XRV	HCNU 1606 XRV

#### THREE-PHASE

#### ••••



7HP	8HP	9HP
three-phase HCYU 2006 XRV	three-phase HCYU 2246 XRV	three-phase HCYU 2606 XRV
10HP	12HP	
three-phase HCYU 2806 XRV	three-phase HCYU 3356 XRV	

Performance and consumption are based on the following test conditions: Cooling: O.T. 35° C DB, 24° C WB - I.T. 27° C DB, 19° C WB (ISO 5151 Standard). Heating: O.T. 7° C DB, 6° C WB - I.T. 20° C DB, 15° C WB (ISO 5151 Standard).

#### PROJECT VRF R410A FULL DC INVERTER - LINE UP

••••

## XRV MULTI SYSTEM Individual outdoor heat pump units

#### **XRV INDIVIDUAL**



#### THREE-PHASE

. . . . . . .

14HP16HP18HPthree-phasethree-phasethree-phaseHCYUM 4006 XRV-IHCYUM 4506 XRV-IHCYUM 5006 XRV-I20HP22HPthree-phasethree-phaseHCYUM 5606 XRV-IHCYUM 6156 XRV-I



24HP	26HP	28HP
three-phase HCYUM 6706 XRV-I	three-phase HCYUM 7306 XRV-I	three-phase HCYUM 7856 XRV-I
30HP	32HP	

Performance and consumption are based on the following test conditions: Cooling: O.T. 35° C DB, 24° C WB - I.T. 27° C DB, 19° C WB (ISO 5151 Standard). Heating: O.T. 7° C DB, 6° C WB - I.T. 20° C DB, 15° C WB (ISO 5151 Standard).



## XRV MULTI SYSTEM Outdoor heat recovery units - 3 pipes

#### **XRV PLUS HEAT RECOVERY**



#### THREE-PHASE

• • • • • • •			
8HP	10HP	12HP	14HP
three-phase	three-phase	three-phase	three-phase
HCSRU 2526 XRV-R	HCSRU 2806 XRV-R	HCSRU 3356 XRV-R	HCSRU 4006 XRV-R
16HP	18HP		
three-phase	three-phase		
HCSRU 4506 XRV-R	HCSBII 5006 XBV-B		

8~12HP

14~18HP

		COMBINATIONS		
20HP	22HP	24HP	26HP	28HP
10+10	10+12	10+14	12+14	12+16
HCSRU 2806 XRV-R HCSRU 2806 XRV-R	HCSRU 2806 XRV-R HCSRU 3356 XRV-R	HCSRU 2806 XRV-R HCSRU 4006 XRV-R	HCSRU 3356 XRV-R HCSRU 4006 XRV-R	HCSRU 3356 XRV-R HCSRU 4506 XRV-R
30HP	32HP	34HP	36HP	38HP
12+18	16+16	16+18	18+18	12+12+14
HCSRU 3356 XRV-R HCSRU 5006 XRV-R	HCSRU 4506 XRV-R HCSRU 4506 XRV-R	HCSRU 4506 XRV-R HCSRU 5006 XRV-R	HCSRU 5006 XRV-R HCSRU 5006 XRV-R	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R
40HP	42HP	44HP	46HP	48HP
12+12+16	12+14+16	12+16+16	14+16+16	16+16+16
HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R	HCSRU 3356 XRV-R HCSRU 4506 XRV-R HCSRU 4506 XRV-R	HCSRU 4006 XRV-R HCSRU 4506 XRV-R HCSRU 4506 XRV-R	HCSRU 4506 XRV-R HCSRU 4506 XRV-R HCSRU 4506 XRV-R
50HP	52HP	54HP		
16+16+18	16+18+18	18+18+18		
HCSRU 4506 XRV-R HCSRU 4506 XRV-R HCSRU 5006 XRV-R	HCSRU 4506 XRV-R HCSRU 5006 XRV-R HCSRU 5006 XRV-R	HCSRU 5006 XRV-R HCSRU 5006 XRV-R HCSRU 5006 XRV-R		

#### HYDROMODULE



14 kW single phase HHNMS 140 XRV-R

#### **FLOW DIVIDERS**

HPFD 1-8 XRV-R	HPFD 4-20 XRV-R	HPFD 6-30 XRV-R
and the second s	4 X F	1
HPFD 8-40 XRV-R	HPFD 10-47 XRV-R	HPFD 12-47 XRV-R
4 3339 <sup>2</sup>	6 33332 F	6 20000 ·

## XRV MULTI SYSTEM



XRV PLUS MINI



XRV INDIVIDUAL



XRV PLUS HEAT RECOVERY

#### FULL DC INVERTER TECHNOLOGY FOR ALL OUTDOOR UNITS RANGE

Full DC Inverter technology has always characterised the Hokkaido product range on the market of VRF systems, in heat pump and in heat recovery. These ranges are all equipped with a DC Inverter compressor and DC Inverter fan motor: outstanding results in terms of energy efficiency and reduced operating costs, as well as CO2 emissions.

#### HERE'S WHAT MAKES THE HOKKAIDO RANGE "FULL"

#### **Energy savings and comfort**

Full DC Inverter technology (DC Inverter compressor and DC Inverter fan motor) applied to the XRV system outdoor units ensures high EER and COP values not only at full load, but also at partial load. This guarantees energy savings and high comfort in a wide outside temperature operating range.

#### HIGH EFFICIENCY DC INVERTER COMPRESSOR

Thanks to the use of DC Inverter compressors, which allow for quick and continuous changes of the amount of compressed refrigerant, the XRV system outdoor units are characterised by:

- rapid system start-up;
- quick response to changes in cooling or heating demand by users;
- reduced start&stop cycles.

The result is an efficient system that is highly reliable and durable.

#### **DC FAN MOTOR**

The use of the DC Inverter fan motor ensures energy savings during partial loads, as it adjusts the fan speed and helps make the unit more silent. The fan and outlet grille design guarantees increased air flow, thus resulting in low noise.



DC Inverter compressor



DC Inverter fan motor





## **XRV PLUS MINI**

Heat pump

. . . .

• •

53



#### **PROJECT VRF R410A FULL DC INVERTER**

•••••

## XRV PLUS MINI Heat pump







HCNU 806 XRV

HCNU 1056 XRV HCNU 1206 XRV HCNU 1406 XRV HCNU 1606 XRV

All units are equipped with a high efficiency Full DC Inverter compressor.

Slim, flexible design.

Fan with DC Inverter motor:

broader fan speed modulations;

The efficient fan design and the sunburst grill allow an high airflow rate with low noise.

Model			HCNU 806 XKV	HCNU 1056 XRV	HCNU 1206 XKV	HCNU 1406 XKV	HCNU 1606 XKV	
Power		HP	2.5	3.2	4.5	5	6	
Rated capacity <sup>1</sup>		kW	7.20	9.00	12.20	14.00	15.50	
Rated absorbed power	Cooling	kW	2.18	2.64	4.32	4.56	5.35	
Energy efficiency coefficient (rated)		EER	3.30	3.41	2.83	3.07	2.90	
Rated capacity <sup>2</sup>		kW	7.20	9.00	14.00	16.00	18.00	
Rated absorbed power	Heating	kW	1.82	2.12	3.17	4.08	5.71	
Energy performance coefficient (rated)		COP	3.95	4.29	4.40	3.92	3.20	
Electrical data								
Power supply		Ph-V-Hz			1-220~240V-50Hz			
Maximum current		A	21.25	28.80	35.00	40.00	40.00	
Refrigerant circuit/features								
Refrigerante (GWP)					R 410A (2088)			
Quantity refrigerant pre-load (tons of CO2 eq	uivalent)	Kg	2.2 (4.594)	2.5 (5.220)	3 (6.264)	3.4 (7.099)	3.8 (7.934)	
DC Inverter compressor		no. / type		1/ Rotary DC Inverter				
Diamatan filmanta ina	Liquid	Ø mm (inch)	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	
Diameter refrigerant pipes	Gas	Ø mm (inch)	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	19.1 (3/4")	
Product Specifications								
Dimensions	LxHxD	mm	982x712x440	950x8	40x426	1040x865x523		
Net weight		Kg	55	72.5	84	91.4	95.4	
Sound pressure level at 1 m	max	dB(A)	54	54	56	56	56	
Sound power level	max	dB(A)	65	68	70	71	71	
Fan air flow	max	m³/h	3700	5200	5000	5400	5200	
0	Cooling	°C			-5~55			
operating limits (outside temperature)	Heating	°C			-15~27			
Max. connectable I.U.		no.	4	6	7	8	9	
Capacity of connectable indoor units		%	50 - 130	50 - 130	50 - 130	50 - 130	50 - 130	

(1) Cooling capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° C WB. (2) Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 7° C DB, 6° C WB and inside temperature 20° C DB, 15° C WB.

#### Splitting and height difference lengths

Model	HCNU 806 XRV	HCNU 1056 XRV	HCNU 1206 XRV	HCNU 1406 XRV	HCNU 1606 XRV
Maximum distance between O.U. and the farthest I.U.	40 m	50 m	50 m	70 m	70 m
Maximum distance from the first branch pipe to the farthest I.U.	20 m	20 m	20 m	20 m	20 m
Maximum height difference between O.U. (up high) and I.U.	10 m	20 m	20 m	30 m	30 m
Maximum height difference between O.U. (down low) and I.U.	10 m	20 m	20 m	20 m	20 m
Maximum height difference between I.U.	8 m	8 m	8 m	8 m	8 m
Maximum distance between I.U. and branch pipe	15 m	15 m	15 m	15 m	15 m
Maximum length of the pipes	50 m	65 m	65 m	100 m	100 m

Broad operating range:

cooling -5° C ~ +55° C;

heating -15° C ~ +27° C.

Auto-addressing of indoor units.

less noise.

#### **PROJECT VRF R410A FULL DC INVERTER**

•••••

## XRV PLUS MINI Heat pump



All units are equipped with a high efficiency Full DC Inverter compressor. DC Inverter motor fan:

- broader fan speed modulations;
- less noise.

Up to 20 indoor units connected to one compact outdoor unit. Self-diagnosis function for main system problems.

#### Splitting and height difference lengths

Model	HCYU 2006 XRV	HCYU 2246 XRV	HCYU 2606 XRV	HCYU 2806 XRV	HCYU 3356 XRV
Maximum distance between O.U. and the farthest I.U.	110 m				
Maximum distance from the first branch pipe to the farthest I.U.	40 m				
Maximum height difference between O.U. (up high) and I.U.	50 m				
Maximum height difference between O.U. (down low) and I.U.	40 m				
Maximum height difference between I.U.	15 m				
Maximum length of the pipes	150 m				

Broad operating range:

- cooling -5° C ~ +48° C;
- heating -20° C ~ +24° C.

Auto-addressing of indoor units.

Model			HCYU 2006 XRV	HCYU 2246 XRV	HCYU 2606 XRV	HCYU 2806 XRV	HCYU 3356 XRV
Power		HP	7	8	9	10	12
Rated capacity <sup>1</sup>		kW	20.00	22.40	26.00	28.00	33.50
Rated absorbed power	Cooling	kW	5.28	6.77	10.04	12.02	15.30
Energy efficiency coefficient (rated)	]	EER	3.79	3.31	2.59	2.33	2.19
Rated capacity <sup>2</sup>		kW	20.00	22.40	26.00	28.00	33.50
Rated absorbed power	Heating	kW	4.43	5.42	6.86	7.55	10.15
Energy performance coefficient (rated)		COP	4.51	4.13	3.79	3.71	3.30
Electrical data							
Alimentazione elettrica		Ph-V-Hz			3-380~415V50Hz		
Corrente massima		A	19.00	19.00	20.50	21.00	26.40
Refrigerant circuit/features							
Refrigerant (GWP)					R410A (2088)		
Quantity refrigerant pre-load (tons of CO2 equivale	ent)	Kg	6.5 (13.572)	6.5 (13.572)	6.5 (13.572)	6.5 (13.572)	8 (16.704)
DC Inverter compressor		no. / type	1/ Rotary DC Inverter			1/ Rotary [	DC Inverter
Dina diamatar	Liquid	Ø mm (inch)	9.53 (3/8")		9.53 (	3/8")	12.7 (1/2")
	Gas	Ømm (inch)	19.1 (	3/4")	22.2 (7/8")		25.4 (1")
Product Specifications							
Dimensions	LxHxD	mm			1120x1558x528		
Net weight		Kg	14	43	14	14	157
Sound pressure level at 1 m	max	dB(A)	5	8	59	60	61
Sound power level	max	dB(A)	7	8	7	8	81
Fan air flow	max	m3/h	90	00	10000	11000	11300
(norating limits (outside temperature)	Cooling	°C			-5~48		
operating minis (outside temperature)	Heating	°C			-20~24		
Max. connectable I.U.		no.	11	13	15	16	20
Capacity of connected indoor units		%			50 - 130		

(1) Cooling capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° C WB. (2) Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 7° C DB, 6° C WB and inside temperature 20° C DB, 15° C WB.

## **XRV INDIVIDUAL**

Heat pump

.....

56

55



## XRV INDIVIDUAL Heat pump



HCYUM 4006 XRV-I HCYUM 4506 XRV-I HCYUM 5006 XRV-I HCYUM 5606 XRV-I HCYUM 6156 XRV-I

All units are equipped with a high efficiency Full DC Inverter compressor.

DC Inverter motor fan:

- broader fan speed modulations;
- less noise.

Self-diagnosis function for main system problems.

**Individual modules from 40 to 90 kW** for simplified installation without the need for modular units.

Elegant, compact design.

#### Splitting and height difference lengths

Model	HCYUM 4006 XRV-I	HCYUM 4506 XRV-I	HCYUM 5006 XRV-I	HCYUM 5606 XRV-I	HCYUM 6156 XRV-I
Maximum distance between O.U. and the farthest I.U.	200 m				
Maximum distance from the first branch pipe to the farthest I.U.	40 m				
Maximum height difference between O.U. (up high) and I.U.	90 m				
Maximum height difference between O.U. (down low) and I.U.	110 m				
Maximum height difference between I.U.	30 m				
Maximum length of the pipes	1000 m				

Broad operating range:

- cooling -5° C ~ +48° C;
- heating -25° C ~ +24° C.

Auto-addressing of indoor units.

Maximum number of connectable indoor units is 36.

Model			HCYUM 4006 XRV-I	HCYUM 4506 XRV-I	HCYUM 5006 XRV-I	HCYUM 5606 XRV-I	HCYUM 6156 XRV-I		
Power		HP	14	16	18	20	22		
Rated capacity <sup>1</sup>		kW	40.00	45.00	50.00	56.00	61.50		
Rated absorbed power	Cooling	kW	11.00	12.90	14.70	16.00	20.20		
Energy efficiency coefficient (rated)		EER	3.65	3.50	3.40	3.50	3.05		
Rated capacity <sup>2</sup>		kW	40.00	45.00	50.00	56.00	61.50		
Rated absorbed power	Heating	kW	9.30	10.70	12.20	13.80	17.60		
Energy performance coefficient (rated)		COP	4.30	4.20	4.10	4.05	3.50		
Electrical data									
Power supply		Ph-V-Hz			3-380~415V50Hz				
Maximum current		A	33.10	33.10	34.80	45.90	47.90		
Refrigerant circuit / features									
Refrigerant (GWP)					R 410A (2088)				
Quantity refrigerant <sup>3</sup> pre-load (tons of CO2 equiva	lent)	Kg	11.8 (24.638)	11.8 (24.638)	11.8 (24.638)	11.8 (24.638)	11.8 (24.638)		
DC Inverter compressor		no. / type	1 / Scroll DC Inverter 2 / Scroll DC Inverter						
Dine diameter	Liquid	Ømm (inch)	15.9 (	15.9 (5/8") 19.1 (3/4")					
ripe diameter	Gas	Ømm (inch)			31.8 (1"1/4)				
Product Specifications									
Dimensions	LxHxD	mm		1340x1635x850		1340x16	35x825		
Net weight		Kg	277	277	295	344	344		
Sound pressure level at 1 m	max	dB(A)	62	6	5	6	6		
Sound power level	max	dB(A)	85	8	8	8	8		
Fan air flow	max	m³/h	13000	13000	13000	17000	17000		
(norating limits (outside temperature)	Cooling	°C			-5~48				
operating innus (outside temperature)	Heating	°C			-25~24				
Max. connectable I.U.	÷	no.	23	26	29	33	36		
Capacity of connectable indoor units		%			50 - 130				

(1) Cooling capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° C WB.
 (2) Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 7° C DB, 6° C WB and inside temperature 20° C DB, 15° C WB.
 (3) To calculate the additional refrigerant charge, refer to the labels positioned inside and outside the unit.

## XRV INDIVIDUAL Heat pump



HCYUM 6706 XRV-I HCYUM 7306 XRV-I HCYUM 7856 XRV-I HCYUM 8506 XRV-I HCYUM 9006 XRV-I

All units are equipped with a high efficiency Full DC Inverter compressor.

DC Inverter motor fan:

- broader fan speed modulations;
- less noise.

Self-diagnosis function for main system problems.

Individual modules from 40 to 90 kW for simplified installation without the need for modular units.

Elegant, compact design.

#### Splitting and height difference lengths

Model	HCYUM 6706 XRV-I	HCYUM 7306 XRV-I	HCYUM 7856 XRV-I	HCYUM 8506 XRV-I	HCYUM 9006 XRV-I
Maximum distance between O.U. and the farthest I.U.	200 m				
Maximum distance from the first branch pipe to the farthest I.U.	40 m				
Maximum height difference between O.U. (up high) and I.U.	90 m				
Maximum height difference between O.U. (down low) and I.U.	110 m				
Maximum height difference between I.U.	30 m				
Maximum length of the pipes	1000 m				

Broad operating range:

- cooling -5° C ~ +48° C;
- heating -25° C ~ +24° C.

Auto-addressing of indoor units.

Maximum number of connectable indoor units is 53.

Model		HCYUM 6706 XRV-I	HCYUM 7306 XRV-I	HCYUM 7856 XRV-I	HCYUM 8506 XRV-I	HCYUM 9006 XRV-I		
Power		HP	24	26	28	30	32	
Rated capacity <sup>1</sup>		kW	67.00	73.00	78.50	85.00	90.00	
Rated absorbed power	Cooling	kW	21.60	21.60	24.90	28.30	32.10	
ergy efficiency coefficient (rated)		EER	3.10	3.40	3.15	3.00	2.80	
Rated capacity <sup>2</sup>		kW	67.00	73.00	78.50	85.00	90.00	
Rated absorbed power	Heating	kW	16.80	18.10	21.80	24.30	26.50	
Energy performance coefficient (rated)		COP	4.00	4.05	3.60	3.50	3.40	
Electrical data								
Power supply		Ph-V-Hz			3-380~415V50Hz			
Maximum current A			54.50	52.90	58.70	64.90	66.90	
Refrigerant circuit / features								
Refrigerant (GWP)					R 410A (2088)			
Quantity refrigerant <sup>3</sup> pre-load (tons of CO2 equivalent) Kg		Kg	11.8 (24.638)	11.8 (24.638)	11.8 (24.638)	11.8 (24.638)	11.8 (24.638)	
DC Inverter compressor		no. / type	2 / Scroll DC Inverter					
Dine diameter	Liquid	Ø mm (inch)	19.1 (3/4")		22.2 (	7/8")		
ripe diameter	Gas	Ø mm (inch)		31.8 (1"1/4)		38.1 (1"1/2)		
Product specifications								
Dimensions	LxHxD	mm			1730x1830x850			
Net weight		Kg	407	429	429	475	475	
Sound pressure level at 1 m	max	dB(A)	67		6	8		
Sound power level	max	dB(A)	89		9	0		
Fan air flow	max	m³/h	25000	25000	25000	24000	24000	
Operating limits (outside temperature)	Cooling	°C			-5~48			
operating limits (outside temperature)	Heating	°C			-25~24			
Max. connectable I.U.		no.	39	43	46	50	53	
Capacity of connectable indoor units		%		50 - 130				

(1) Cooling capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° C WB.
 (2) Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 7° C DB, 6° C WB and inside temperature 20° C DB, 15° C WB.
 (3) To calculate the additional refrigerant charge, refer to the labels positioned inside and outside the unit.



## **XRV PLUS HEAT RECOVERY**

....

• •

Heat recovery - 3 pipes	59
Combinations	66
Flow dividers	68
Hydromodule	68



# XRV PLUS HEAT RECOVERY

## Heat recovery - 3 pipes





**FULL DC INVERTER** HCSRU 2526 XRV-R HCSRU 2806 XRV-R HCSRU 3356 XRV-R

**FULL DC INVERTER** HCSRU 4006 XRV-R HCSRU 4506 XRV-R HCSRU 5006 XRV-R

#### **Heating during defrost**

XRV Plus remarkably reduces defrost time thanks to the particular structure of the heat exchanger, therefore with non-stop operation.

#### Splitting and height difference lengths

Max distance between O.U. and the farthest I.U. = 200 m Max distance from the divider to the farthest I.U. = 40 m

Max distance from the first branch pipe to the farthest

Max height difference between O.U. (down) and the I.U. = 110 m  $\,$ 

pipes = 1000 m





2-pipe system

3-pipe system



#### Branch pipe kit

Set of branches for connecting flow dividers								
Code	A – Capacity of connectable indoor units (kW)							
DIS-22-1RI	A<16.60							
DIS-180-1RI	16.60≤A<33.00							
DIS-371-2-RI	33.00≤A<66.00							
DIS-540-1RH Plus	66.00≤A<92.00							
DIS-1344-1RH Plus	92.00≤A<135.00							

Branch pipe kit for outdoor	r unit connection
Code	Outdoor Units
DOS 2A-3-R	2 Outdoor KITS
DOS 3A-3-R	3 Outdoor KITS

I.U. = 90 m Max height difference between O.U. (up high) and I.U. = 70 m

> Max height difference between I.U. = 30 m

Maximum length of the

### **High performance**

Fan and exchanger

structure individually.

Thanks to the steam-injected DC Inverter compressor, HOKKAIDO 3-pipe outdoor units are capable of operating down to  $-25^{\circ}$  C, providing significantly higher heating capacities especially at colder outside temperatures.

The compressor is designed to modulate down to a minimum of 7%, greatly increasing the efficiency of the entire system at partial loads.

Outdoor unit heat exchangers are divided in two parts: a left and right structure, so that there are two independent circuits in one outdoor unit. Each outdoor unit has two fans, which allow control each heat exchanger



## XRV PLUS HEAT RECOVERY Heat recovery - 3 pipes

#### **OPERATING MODE**

#### **Heating function**

The system heats rooms to the desired temperature during the winter.

#### **Cooling function**

The system cools rooms to the desired temperature during the summer.

#### Energy recovery

A need to cool and heat simultaneously may arise during mid-seasons or when buildings have different sun exposure.

The XRV Plus Heat Recovery system uses its 3 pipes to recover part of the energy to meet these dual needs.







## XRV PLUS HEAT RECOVERY Heat recovery - 3 pipes

#### **HIGH EFFICIENCY**

#### Independent control of exchangers and compressors

The control of the heat exchangers and compressors is independent, to provide maximum performance in both cooling and heating.

As a result, if the compressor of one unit in a system made up of several modules is not running due to a lower load demand, the respective heat exchanger stays active to maximise the exchange surface and therefore the efficiency of the system.



#### Additional exchanger for sub-cooling control

The addition of a plate heat exchanger as a secondary intercooler increases refrigerant sub-cooling and improves energy efficiency by 10%.



#### WIDE RANGE OF APPLICATION

#### **Combinable system**

The new HCSRU XRV-R series supplies up to 18HP of capacity in a single unit and up to a maximum of 54HP in a combination of 3 modules, covering all types of applications and building extensions.



(single fan)

14-16-18HP (dual fan)





#### Broad operating range

HCSRU XRV-R offers a wide range of guaranteed operation. It can operate stably at outside temperatures from  $-15^{\circ}$  C to  $52^{\circ}$  C in cooling mode and from  $-25^{\circ}$  C to  $19^{\circ}$  C in heating mode.

Simultaneous cooling and heating is guaranteed from -15° C to 27° C in prevailing cooling mode and from -15° C to 19° C in prevailing heating mode.





## XRV PLUS HEAT RECOVERY Heat recovery - 3 pipes

#### HIGHLY RELIABLE

#### Outdoor unit rotation cycle

In systems with several outdoor units, the operating logic of the compressors correctly rotates and distributes the operating hours, optimising the use of each component and extending the useful life of the entire system.



#### **Compressor backup**

In multi-module systems, if a single unit is in alarm conditions and fails, it is compensated for by the other units and allows continuity of service until the failed unit is repaired.



#### Fan static pressure

The fan can be set to provide up to 80 Pa of useful static pressure. In this way, the outdoor unit can be installed in technical rooms or in areas where the correct natural flow of air cannot be guaranteed, channelling the expulsion of air from the unit to the outside.



#### EASY INSTALLATION AND MAINTENANCE

#### Automatic addressing

The outdoor unit can assign the addresses of the indoor units automatically. The wireless and wired controls can check and change the address of each indoor unit.



## **XRV PLUS HEAT RECOVERY** Heat recovery - 3 pipes

#### UNPARALLELED COMFORT

#### Silent mode

Multiple sound power attenuation modes are available depending on the specific needs, if discrete unit operation is required: night hours only or continuously, and with different degrees of attenuation, limiting only the maximum fan frequency or also the compressor frequency.



#### **Continuous heating**

As an alternative to the traditional reverse cycle defrosting technology, it is possible for systems consisting of several HCSRU XRV-R modules to keep the space heating active by defrosting the exchangers of the modules alternately and independently. In this way, heat can be supplied continuously without the system stopping during defrosting.



Continuous heating operation

Ordinary heating operation





Continuous heating operation

#### **FLOW DIVIDERS**

#### Single HPDF

- Extended cooling mode operation down to -15° C.
- Management of any third-party leak detectors and isolation of any leakage downstream of the MS box by means of a suitable shut-off valve.
- Possible management of up to 8 indoor units with a total capacity of up to 32 kW (operating in the same mode).
- Compact and lightweight for installation.
- No condensate drain required.
- Extremely precise control via 3200-step electronic valve.
- Silent operation.



#### **Multiple HPDF**

- Versions with 4, 6, 8, 10 and 12 connections available.
- Up to 5 indoor units can be connected for each connection (operating in the same mode), for a total of up to 47 indoor units per HPFD box in the 12 connections version.
- Up to 16 kW manageable per connection, or 28 kW by connecting 2 connections.







## XRV PLUS HEAT RECOVERY Heat recovery - 3 pipes

#### HOT WATER AND HEATING

#### Maximum flexibility of use

. . . . .

In addition to the simultaneous supply of cooling and heating through indoor units belonging to the same system, the HCSRU XRV-R series can manage high-temperature hydronic modules for hot water production up to 80°C and low-temperature heating (radiant floor or high-efficiency radiators).

## It is possible to connect up to 3 hydromodules per outdoor unit



**Example of installation** 





## XRV PLUS HEAT RECOVERY Heat recovery - 3 pipes

Model / Combination	HCSRU 2526 XRV-R	HCSRU 2806 XRV-R	HCSRU 3356 XRV-R	HCSRU 4006 XRV-R	HCSRU 4506 XRV-R	HCSRU 5006 XRV-R			
Power		HP	8	10	12	14	16	18	
Rated capacity <sup>1</sup>		kW	22.40	28.00	33.50	40.00	45.00	50.00	
Rated absorbed nower	-	kW	5 25	7 18	8.64	9.83	12.00	13.81	
Energy efficiency coefficient (rated)	Cooling	FFR	4 27	3.90	3.88	4.07	3 75	3.62	
Seasonal energy efficiency (ns c)		96	306	299	289	265	264	272	
Rated canacity?		kW	22.40	28.00	33.50	40.00	45.00	50.00	
Rated absorbed nower	-	kw	3.06	5.16	6.57	8.76	9.78	11.00	
Energy performance coefficient (rated)	Heating	COP	5.66	5.13	5.10	1.20	1.60	/ 20	
Seasonal energy efficiency (ns. c) average	-	06	16/	167	101	171	170	165	
Seasonal energy eniciency (15,c) average			104	107	101	17.1	170	105	
Electrical data		DL V II-	2 200 415V FOLL	2 200 4151/ 5011-	2 200 415V 50U-	2 200 4151/ 5011-	2 200 4151/ 5011-	2 200 415V COLL	
Power supply		PII-V-IIZ	3-300~413V-300Z	2-200~412V-200Z	24.00	20.00	24.00	2-200~412V-200Z	
Maximum current		A	18.00	22.00	24.00	28.00	34.00	30.00	
Refrigerant Circuit			D 410 A (2000)	D 4104 (2000)	D4104 (2000)	D4104 (2000)	D 4104 (2000)	D 410 A (2000)	
Retrigerant (GWP)		1/	K4 IUA (2088)	K410A (2088)	K4 IUA (2088)	K4 IUA (2088)	K4 IUA (2088)	K4TUA (2088)	
Quantity refrigerant pre-load <sup>3</sup>		Kg	8	8	8	10	10	10	
Tons of CO2 equivalent		t	16./04	16./04	16./04	20.880	20.880	20.880	
DC Inverter compressor	L	no. / type	1 / Scroll DC Inverter	1 / Scroll DC Inverter	1 / Scroll DC Inverter	1 / Scroll DC Inverter	1 / Scroll DC Inverter	1 / Scroll DC Inverter	
	Liquid	Ømm	9.53 (3/8")	9.53 (3/8")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	15.9 (5/8")	
Pipe diameter <sup>4</sup>	High pressure gas	(inch)	19.1 (3/4")	22.2 (7/8")	28.6 (9/8")	28.6 (9/8")	28.6 (9/8")	28.6 (9/8")	
	Low pressure gas	(incit)	15.9 (5/8")	19.1 (3/4")	19.1 (3/4")	22.2 (7/8")	22.2 (7/8")	22.2 (7/8")	
Max piping length <sup>5</sup>		m	1000	1000	1000	1000	1000	1000	
Max height difference between I.U.		m	30	30	30	30	30	30	
Max height difference between 0.U. and the I.U.6		m	110	110	110	110	110	110	
Product Specifications									
Dimensions <sup>7</sup>	LxHxD	mm	990x1635x790	990x1635x790	990x1635x790	1340x1635x825	1340x1635x825	1340x1635x825	
Net weight		Kq	232	232	232	300	300	300	
Sound pressure level at 1 m		dB(A)	58	58	60	61	64	65	
Sound power level		dB(A)	78	78	81	81	88	88	
Fan air flow		m3/h	9000	9500	10000	14000	14900	15800	
Fan static pressure	Std/Max	Pa	0/80	0/80	0/80	0/80	0/80	0/80	
	Cooling8	°C (DB)	.,		-15-	~52			
Operating limits (outside temperature)	Heating	°C (WB)	(WB) -25~19						
Max connectable []]	Theating	no	20	25	30	36	40	45	
Capacity of connectable indoor units9		%	50-200	50-200	50-200	50-200	50-200	50-200	
cupacity of connectable indoor units		70	50 200	50 200	50 200	50 200	50 200	50 200	
Model / Combination			HCSRU 4506 XRV-R HCSRU 4506 XRV-R	HCSRU 4506 XRV-R HCSRU 5006 XRV-R	HCSRU 5006 XRV-R HCSRU 5006 XRV-R	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R	
Model / Combination		HP	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16)	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18)	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18)	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14)	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16)	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16)	
Model / Combination Power Rated capacity1		HP kW	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118 50	
Model / Combination Power Rated capacity1 Rated absorbed power	-	HP kW kW	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46	
Power           Rated capacity1           Rated capacity1           Farent efficiency coefficient (rated)	- Cooling	HP kW kW FFR	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 395	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89	
Model / Combination           Power           Rated capacity1           Rated absorbed power           Energy efficiency coefficient (rated)           Seasonal energy efficiency (ns.c)	Cooling	HP kW kW EER %	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 764	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 768	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 772	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 781	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280 7	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272 7	
Model / Combination Power Rated capacity1 Rated absorbed power Energy efficiency coefficient (rated) Seasonal energy efficiency (ns,c) Rated capacity2	Cooling	HP kW kW EER % kW	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100 00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50	
Model / Combination Power Rated capacity1 Rated absorbed power Energy efficiency coefficient (rated) Seasonal energy efficiency (ŋs,c) Rated capacity2 Rated absorbed power	Cooling	HP kW kW EER % kW kW	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19 57	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 27.92	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ŋs,c)         Rated absorbed power         Fnergy enformance coefficient (rated)	Cooling	HP kW kW EER % kW kW kW	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns, c) average	Cooling Heating	HP kW kW EER % kW kW COP	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167 5	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177 7	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177 3	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Energy efficiency (ns,c) average	Cooling Heating	HP kW kW EER % kW kW COP %	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ŋs,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ŋs,c) average         Electrical data         Power sumply	Cooling Heating	HP kW kW EER % kW kW COP %	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated capacity2         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current	Cooling Heating	HP kW kW EER 96 kW kW COP 96 Ph-V-Hz A	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ŋs,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ŋs,c) average         Electrical data         Power supply         Maximum current         Pafriagrant circuit	Cooling Heating	HP kW kW EER % kW kW COP % Ph-V-Hz A	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ŋs,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ŋs,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ŋs,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Perforeard (GWP)	Cooling Heating	HP kW kW EER % kW COP % Ph-V-Hz A	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refigurent tree load4	Cooling Heating	HP kW kW EER % kW COP % Ph-V-Hz A	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088)	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 29	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Targe 6f CD environment	Cooling Heating	HP kW kW EER % kW COP % Ph-V-Hz A Kg ý	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.70	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.70	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54 399	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54 200	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 59.464	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         Oclaweter compensate	Cooling Heating	HP kW kW EER % kW kW COP % Ph-V-Hz A Kg t control for the set of	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 (Csroll DC Investor	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 (Sreill Delayetter	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 (Scroll PC Invester	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 5.4.288 2. (Scroll DC Investor	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 2 (Scrulp Character	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 2 ( Scroll PC Investor	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor	Cooling	HP kW kW EER % kW kW COP % Ph-V-Hz A Kg t no. / type	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Stroll DC Inverter 200 Liverter	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 200 C Inverter	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Stroll DC Inverter	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 20.01 (2019)	
Model / Combination         Power         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor	Cooling Heating	HP kW EER % kW COP % Ph-V-Hz A Kg t no. / type Ømm	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4")	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 [3/4")	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4")	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4")	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4")	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4")	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency efficiency (ns,c)         Rated absorbed power         Energy efficiency efficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4	Cooling Heating Liquid High pressure gas	HP kW EER % kW KW COP % Ph-V-Hz A Kg t no. / type Ømm (inch)	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8")	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8")	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8")	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8")	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8")	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8")	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4	Cooling Heating Liquid High pressure gas Low pressure gas	HP kW EER % kW COP % Ph-V-Hz A Kg t no. / type Ø mm (inch)	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8")	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8")	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8")	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8")	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8")	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8")	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns, c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns, c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns, c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length5	Cooling Heating Liquid High pressure gas Low pressure gas	HP           kW           kW           %           %           kW           COP           %           Ph-V-Hz           A           Kg           t           no. / type           Ømm           (inch)           m	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length5         Max piping length5         Max piping length5	Cooling Heating Liquid High pressure gas Low pressure gas	HP kW EER % kW COP % Ph-V-Hz A Fh-V-Hz A Kg t no. / type Ø mm (inch) m	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length5         Max height difference between I.U.         Max height difference between 0.U. and the I.U.6	Cooling Heating Liquid High pressure gas Low pressure gas	HP           kW           EER           %           kW           COP           %           Ph-V-Hz           A           Kg           t           no. / type           Ømm           (inch)           m           m	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 30 1000 30 110	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 300 30 110	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ŋs,c)         Rated dabsorbed power         Energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length5         Max height difference between I.U.         Max height difference between 0.U. and the I.U.6         Product Specifications	Cooling Heating Liquid High pressure gas Low pressure gas	HP kW EER % kW COP % Ph-V-Hz A Kg t no. / type Ø mm (inch) m m	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	
Model / Combination           Power           Rated capacity1           Rated absorbed power           Energy efficiency coefficient (rated)           Seasonal energy efficiency (ns,c)           Rated absorbed power           Energy efficiency efficient (rated)           Seasonal energy efficiency (ns,c)           Rated absorbed power           Energy efficiency (ns,c)           Rated absorbed power           Energy efficiency (ns,c) average           Electrical data           Power supply           Maximum current           Refrigerant circuit           Refrigerant circuit           Refrigerant (GWP)           Quantity refrigerant pre-load3           Tons of CO2 equivalent           DC Inverter compressor           Pipe diameter4           Max piping length5           Max height difference between I.U.           Max height difference between 0.U. and the I.U.6           Product Specifications           Dimensions?	Cooling Heating Liquid High pressure gas Low pressure gas	HP kW EER % kW COP % Ph-V-Hz A Ph-V-Hz A Kg t no. / type Ømm (inch) m m m	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 1110 2780x1635x825	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110 2780x1635x825	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length5         Max height difference between I.U.         Max height difference between 0.U. and the I.U.6         Product Specifications         Dimensions7         Net weight	Cooling Heating Liquid High pressure gas Low pressure gas	HP kW EER % kW COP % Ph-V-Hz A Ph-V-Hz A Kg t. no. / type Ø mm (inch) m m Kg	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 1110 2780x1635x825 600	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 1110 	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4') 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 1110 3520x1635x825 764	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 1110 	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length5         Max height difference between I.U.         Max keight difference between 0.U. and the I.U.6         Product Specifications         Dimensions7         Net weight         Sound pressure level at 1 m	Cooling Heating Liquid High pressure gas Low pressure gas	HP           kW           kW           96           kW           COP           %           Ph-V-Hz           A           Kg           t           no. / type           Ømm           (inch)           m           Kg           dB(A)	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 67	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764 65	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764 67	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 67	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length5         Max height difference between I.U.         Max height difference between 0.U. and the I.U.6         Product Specifications         Dimensions7         Net weight         Sound pressure level at 1 m         Sound power level	Cooling Heating Liquid High pressure gas Low pressure gas	HP           kW           kW           EER           %           kW           kW           cOP           %           Ph-V-Hz           A           Kg           t           no. / type           Ømm           (inch)           m           M           Kg           dB(A)           dB(A)	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 67 91	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 1000 30 1110 3520x1635x825 764 65 86	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 1110 3520x1635x825 764 67 89	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 1000 30 110 3870x1635x825 832 67 89	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated dabsorbed power         Energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length5         Max height difference between I.U.         Max height difference between 0.U. and the I.U.6         Product Specifications         Dimensions7         Net weight         Sound pressure level at 1 m         Sound power level         Fan air flow	Cooling Heating Liquid High pressure gas Low pressure gas	HP           kW           KER           %           KW           kW           COP           %           Ph-V-Hz           A           Kg           t           no. / type           Ømm           (inch)           m           M           Kg           dB(A)           dB(A)           m3/h	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 8410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 67 91 29800	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 30700	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 31600	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764 65 86 34000	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 1110 3520x1635x825 764 67 89 34900	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 67 89 38900	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency efficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max height difference between 1.U.         Max height difference between 0.U. and the 1.U.6         Product Specifications         Dimensions7         Net weight         Sound power level         Fan air flow         Fan static pressure	Cooling Heating Liquid High pressure gas Low pressure gas Low pressure gas	HP           kW           kW           EER           %           kW           kW           cOP           %           Ph-V-Hz           A           Kg           t           no. / type           Ømm           (inch)           m           M           M           M           A	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 67 91 29800 0/80	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 30700 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 31600 0/80	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764 65 86 34000 0/80	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764 67 89 34900 0/80	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 67 89 38900 0/80	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency efficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max height difference between I.U.         Max height difference between 0.U. and the I.U.6         Product Specifications         Dimensions7         Net weight         Sound power level         Fan air flow         Fan static pressure         Fan air flow         Fan static pressure	Cooling Heating Liquid High pressure gas Low pressure gas LutHxD	HP           kW           kW           EER           %           kW           COP           %           Ph-V-Hz           A           Kg           t           no. / type           Ømm           (inch)           m           M           M           M           M           M           M           M           M           M           M           R           GB(A)           GB(A)           M3/h           Pa           °C (DB)	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 67 91 29800 0/80	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 30700 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 31600 0/80 15-	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764 65 86 34000 0/80	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764 67 89 34900 0/80	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 30 110 3870x1635x825 832 67 89 38900 0/80	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant circuit         Refrigerant (GWP)         Quantity refrigerant pre-load <sup>3</sup> Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length <sup>5</sup> Max height difference between I.U.         Max height difference between 0.U. and the I.U.6         Product Specifications         Dimensions?         Net weight         Sound power level         Fan air flow         Fan static pressure         Operating limits (outside temperature)	Cooling Heating Liquid High pressure gas Low pressure gas Low pressure gas Std/Max Cooling <sup>8</sup> Heating	HP           kW           kW           EER           %           kW           COP           %           W           COP           %           W           Kg           t           no. / type           Ø mm           (inch)           m           M           M           M           M           M           M           M           M           M           CDP           %	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 67 91 29800 0/80	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 30700 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 31600 0/80 15- 25-	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764 65 86 34000 0/80 <-52 -19	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3520x1635x825 764 67 89 34900 0/80	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 67 89 38900 0/80	
Model / Combination         Power         Rated capacity1         Rated absorbed power         Energy efficiency coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c)         Rated absorbed power         Energy performance coefficient (rated)         Seasonal energy efficiency (ns,c) average         Electrical data         Power supply         Maximum current         Refrigerant (GWP)         Quantity refrigerant pre-load3         Tons of CO2 equivalent         DC Inverter compressor         Pipe diameter4         Max piping length5         Max height difference between I.U.         Max height difference between 0.U, and the I.U.6         Product Specifications         Dimensions?         Net weight         Sound pressure level at 1 m         Sound power level         Fan air flow         Fan static pressure         Operating limits (outside temperature)         Max. connectable I.U.	Cooling Heating Liquid High pressure gas Low pressure gas Low pressure gas Std/Max Cooling <sup>8</sup> Heating	HP kW kW EER % kW COP % Ph-V-Hz A Ph-V-Hz A	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 32 (16+16) 90.00 24.00 3.75 264 90.00 19.57 4.60 170 3-380~415V-50Hz 68.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 67 91 29800 0/80	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 34 (16+18) 95.00 25.81 3.68 268 95.00 21.69 4.38 167.5 3-380~415V-50Hz 70.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 34.9 (1" 3/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 30700 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 36 (18+18) 100.00 28.72 3.48 272 100.00 21.83 4.58 165 3-380~415V-50Hz 72.00 R410A (2088) 20 41.760 2 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 28.6 (9/8") 1000 30 110 2780x1635x825 600 68 91 31600 0/80 -15- -255 64	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4006 XRV-R 38 (12+12+14) 107.00 27.10 3.95 281 107.00 21.40 5.00 177.7 3-380~415V-50Hz 76.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 300 110 3520x1635x825 764 65 86 34000 0/80 -52 -19 <b>64</b>	HCSRU 3356 XRV-R HCSRU 3356 XRV-R HCSRU 4506 XRV-R 40 (12+12+16) 112.00 29.27 3.83 280.7 112.00 22.92 4.89 177.3 3-380~415V-50Hz 82.00 R410A (2088) 26 54.288 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 1110 3520x1635x825 764 67 89 34900 0/80	HCSRU 3356 XRV-R HCSRU 4006 XRV-R HCSRU 4506 XRV-R 42 (12+14+16) 118.50 30.46 3.89 272.7 118.50 24.62 4.81 174 3-380~415V-50Hz 86.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 1000 30 110 3870x1635x825 832 67 89 38900 0/80	

1.Cooling capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° WB. 2. Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° WB. 2. Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° WB. 2. Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° WB. 2. Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 10° WB. 2. Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 10° WB. 2. Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 37° C DB, 24° C WB and inside temperature 35° C DB, 24° C WB and 10° WB. 20° C DB, 10° WB. 20° C DB, 15° C WB and 10° C WB, 10° 1

# XRV PLUS HEAT RECOVERY

## Heat recovery - 3 pipes

HCSRU 2806 XRV-R HCSRU 2806 XRV-R	HCSRU 2806 XRV-R HCSRU 3356 XRV-R	HCSRU 2806 XRV-R HCSRU 4006 XRV-R	HCSRU 3356 XRV-R HCSRU 4006 XRV-R	HCSRU 3356 XRV-R HCSRU 4506 XRV-R	HCSRU 3356 XRV-R HCSRU 5006 XRV-R
20 (10+10)	22 (10+12)	24 (10+14)	26 (12+14)	28 (12+16)	30 (12+18)
56.00	61.50	68.00	73.50	78.50	83.50
14.36	15.82	17.01	18.46	20.64	22.45
3.90	3.89	4.00	3.98	3.80	3.72
299	294	282	277	276.5	280.5
56.00	61.50	68.00	73.50	78.50	83.50
10.92	12.03	13.72	14.83	16.35	18.47
5.13	5.11	4.96	4.96	4.80	4.52
167	174	169	176	175.5	173
		1			
3-380~415V-50Hz	3-380~415V-50Hz	3-380~415V-50Hz	3-380~415V-50Hz	3-380~415V-50Hz	3-380~415V-50Hz
44.00	46.00	50.00	52.00	58.00	60.00
		1			
R410A (2088)	R410A (2088)	R410A (2088)	R410A (2088)	R410A (2088)	R410A (2088)
16	16	18	18	18	18
33.408	33.408	37.580	37.580	37.580	37.580
2 / Scroll DC Inverter	2 / Scroll DC Inverter	2 / Scroll DC Inverter	2 / Scroll DC Inverter	2 / Scroll DC Inverter	2 / Scroll DC Inverter
15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	19.1 (3/4")	19.1 (3/4")	19.1 (3/4")
28.6 (9/8")	28.6 (9/8")	34.9 (1" 3/8")	34.9 (1" 3/8")	34.9 (1" 3/8")	34.9 (1" 3/8")
28.6 (9/8")	28.6 (9/8")	28.6 (9/8")	28.6 (9/8")	28.6 (9/8")	28.6 (9/8")
1000	1000	1000	1000	1000	1000
	30	30	30	30	30
110	110	110	110	110	110
		1			
2080x1635x790	2080x1635x790	2430x1635x825	2430x1635x825	2430x1635x825	2430x1635x825
464	464	532	532	532	532
61	62	63	64	65	66
81	83	83	84	89	89
19000	19500	23500	24000	24900	25800
0/80	0/80	0/80	0/80	0/80	0/80
		-15	~52		
		-25	~19		
50	55	61	64	64	64
50-200	50-200	50-200	50-200	50-200	50-200
HC3KU 3356 XKV-K	HCSKU 4006 XKV-K	HUNKU 4506 XKV-K	HCSKU 4506 XKV-K	HUNKU 4506 XKV-K	HUNKII SUUD XRV-R
LICCDIL 4506 VDV/ D	LICCDIL 4506 VDV D		LICCDIL 4506 VDV/ D		
HCSRU 4506 XRV-R	HCSRU 4506 XRV-R	HCSRU 4506 XRV-R	HCSRU 4506 XRV-R	HCSRU 5006 XRV-R	HCSRU 5006 XRV-R HCSRU 5006 XRV-R
HCSRU 4506 XRV-R HCSRU 4506 XRV-R	HCSRU 4506 XRV-R HCSRU 4506 XRV-R	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16 + 16 + 16)	HCSRU 4506 XRV-R HCSRU 5006 XRV-R	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16 + 18 + 18)	HCSRU 5006 XRV-R HCSRU 5006 XRV-R HCSRU 5006 XRV-R
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16)	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16)	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16)	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18)	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18)	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18)
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 22 82	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 26.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 27.91	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 366	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 777.2	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.2	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266 7	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 260 2	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 3.2.64 3.78 272.3 112.50	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 120.00	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.4 3.78 272.3 123.50 26.12	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.92	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 2025	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 21.47	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 22.50	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 25.71
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 33.83 3.84 264.3 130.00 27.83 4.67	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 123.7	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.2	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 169.2	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166 7	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 33.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088)	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088)	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088)	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 84104 (2088)	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 84104 (2088)
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62 640	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62 640	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62 640	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145:00 39:62 3.66 269:3 145:00 33:59 4.32 166:7 3-380~415V-50Hz 106:00 R410A (2088) 30 62 640	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62 640
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 ( Scroll DC Inverter	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3./ Scroll DC Inverter	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380-415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380-415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19 1 (3/4")	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 6.2.640 3 / Scroll DC Inverter 19 1 (3/4")	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19 1 (3/4")	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380-415V-50Hz 104.00 R410A (2088) 30 6.2.640 3 / Scroll DC Inverter 19.1 (3/4")	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 6.2.640 3 / Scroll DC Inverter 19.1 (3/4")	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scoll DC Inverter 19 1 (3/4")
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 413 (1" 5/8")	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroil DC Inverter 19.1 (3/4") 413 (1" 5/8")	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 413 (1" 5/8")	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroil DC Inverter 19.1 (3/4") 413 (1" 5/8")	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 4 13 (1" 5/8")	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" (5/8")
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8")	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34 9 (1" 3/8")	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (13/4") 41.3 (1" 5/8") 34.9 (1" 3/8")	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8")	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8")	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8")
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 4.13 (1" 5/8") 34.9 (1" 3/8") 1000	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 4.1.3 (1" 5/8") 34.9 (1" 3/8") 1000	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 4.1.3 (1" 5/8") 34.9 (1" 3/8") 1000	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 4.13 (1" 5/8") 34.9 (1" 3/8") 1000	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 4.13 (1" 5/8") 34.9 (1" 3/8") 1000	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 4.13 (1" 5/8") 34.9 (1" 3/8") 10000 30	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 10000 30	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 10000 30	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380-415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380-415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.2.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380-415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380-415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3.7 Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380-415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 68	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 4.1.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 70
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 68 91	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 68 91	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 70 93
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 68 68 91 39800	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 68 68 91 43800	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 44700	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 45600	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 1110 4220x1635x825 900 69 93 46500	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 70 93 47400
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 68 91 39800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 68 91 43800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 44700 0/80	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 45600 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 30 110 4220x1635x825 900 69 93 46500 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4') 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 30 1110 4220x1635x825 900 70 93 47400 0/80
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 68 91 39800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 6.2.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 68 91 43800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380-415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 44700 0/80	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380-415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 45600 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380-415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 46500 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 70 93 47400 0/80
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 68 91 39800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 68 91 43800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 44700 0/80 -15	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 45600 0/80 ~52 ~19	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 1110 4220x1635x825 900 69 93 465500 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scoll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 70 93 47400 0/80
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 68 91 39800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 68 91 43800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 44700 0/80 -15 -25	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 45600 ->52 19 64	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 46500 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 70 93 47400 0/80
HCSRU 4506 XRV-R HCSRU 4506 XRV-R 44 (12+16+16) 123.50 32.64 3.78 272.3 123.50 26.13 4.73 173.7 3-380~415V-50Hz 92.00 R410A (2088) 28 58.464 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 3870x1635x825 832 68 91 39800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 46 (14+16+16) 130.00 33.83 3.84 264.3 130.00 27.83 4.67 170.3 3-380~415V-50Hz 96.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 68 91 43800 0/80	HCSRU 4506 XRV-R HCSRU 4506 XRV-R 48 (16+16+16) 135.00 36.00 3.75 264 135.00 29.35 4.60 170 3-380~415V-50Hz 102.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 44700 0/80 -15 -25 64 50-200	HCSRU 4506 XRV-R HCSRU 5006 XRV-R 50 (16+16+18) 140.00 37.81 3.70 266.7 140.00 31.47 4.45 168.3 3-380~415V-50Hz 104.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 45600 0/80 ~52 ~19 <b>64</b> 50-200	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 52 (16+18+18) 145.00 39.62 3.66 269.3 145.00 33.59 4.32 166.7 3-380~415V-50Hz 106.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 69 93 46500 0/80	HCSRU 5006 XRV-R HCSRU 5006 XRV-R 54 (18+18+18) 150.00 41.44 3.62 272 150.00 35.71 4.20 165 3-380~415V-50Hz 108.00 R410A (2088) 30 62.640 3 / Scroll DC Inverter 19.1 (3/4") 41.3 (1" 5/8") 34.9 (1" 3/8") 1000 30 110 4220x1635x825 900 70 93 47400 0/80

1.Cooling capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° WB. 2. Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 7° C DB, 6° C WB and inside temperature 27° C DB, 15° C WB. 3.Refer to the label inside the unit to calculate the additional refrigerant charge. 4. When several outdoor units are paired the diameters indicated refer to the section up to the first branch, with a length equivalent or less than 90m. 55,pace between the paired units = 100 mm. 61 there is a hydromodule between the indoor units, the maximum height difference is reduced to 50 m with the outdoor unit baows and 40 m with the outdoor. The section up to the first branch, with units in combination = 100 mm. 8. Operation between -15° C and -5° C possible only in connection to single HPFDs. 9. The maximum percentage varies according to the type of indoor units connected. For specific information refer to the technical manual.



. . . . .

## XRV PLUS HEAT RECOVERY Flow dividers

Simultaneous cooling and heating within the same system is made possible by special flow dividers (HPFD) placed between the outdoor and indoor units which sort the refrigerant in liquid and gaseous phases between the rooms requiring cooling or heating.

dillor of

Several versions are available, with single or multiple connections.

				the state		1.100	4 300 ·	4 3888 F	· 333333				
Model			HPFD 1-8 XRV-R	HPFD 4-20 XRV-R	HPFD 6-30 XRV-R	HPFD 8-40 XRV-R	HPFD 10-47 XRV-R	HPFD 12-47 XRV-R					
Number of con	inections			1	4	6	8	10	12				
Max. number of	findoor units per each c	onnection <sup>1</sup>		8	5	5	5	5	5				
Max. total num	ber of indoor units per d	ivider1		8	20	30	40	47	47				
Max. capacity fo	or each connection <sup>2</sup>		kW	32.00	16.00	16.00	16.00	16.00	16.00				
Max. total capac	city of indoor units per d	livider	kW	32.00	49.00	49.00 63.00 85.00 85		85.00	85.00				
	Connection	Liquid	ø mm	9.53 / 12.7	9.53 / 12.7 / 15.9 / 19.1	9.53 / 12.7 / 15.9 / 19.1	12.7 / 15.9 / 19.1 / 22.2	12.7 / 15.9 / 19.1 / 22.2	12.7 / 15.9 / 19.1 / 22.2				
Dino		Gas-High pressure	ø mm	15.9 / 19.1 / 22.2	19.1 / 22.2 / 28.6	19.1 / 22.2 / 28.6	22.2 / 28.6 / 34.9	22.2 / 28.6 / 34.9	22.2 / 28.6 / 34.9				
ripe		Gas- Low pressure	ø mm	12.7 / 15.9 / 19.1	15.9 / 19.1 / 22.2 / 28.6	15.9 / 19.1 / 22.2 / 28.6	19.1 / 22.2 / 28.6	19.1 / 22.2 / 28.6	19.1 / 22.2 / 28.6				
CONNECTIONS	Connection	Liquid	ø mm	6.35 / 9.53	6.35 / 9.53	6.35 / 9.53	6.35 / 9.53	6.35 / 9.53	6.35 / 9.53				
	to indoor unit	Gas	ø mm	12.7 / 15.9	12.7 / 15.9	12.7 / 15.9	12.7 / 15.9	12.7 / 15.9	12.7 / 15.9				
External dimens	sions	LxHxD	mm	440x195x296	668x250x574	668x250x574	974x250x574	974x250x574	974x250x574				
Net weight			Kg	10.5	33	36	48	51	54				
Sound pressure	level <sup>3</sup>		dB(A)	40	44	45	47	47	47				
Sound power le	vel <sup>3</sup>		dB(A)	60	63	65	65	65	65				
Power supply			Ph-V-Hz		1-220~240V-50Hz								

1. Any indoor units connected to the same connection as the MS box must run in the same mode.

Any model and connected to the same connection as the model must runn the same model.
 For MS boxes with 4 to 12 connections, indoor units with a capacity of 16 KW to 28 KW can be connected to 2 connections through connection kit DIS-HPFD-XRV-R.
 The sound levels are measured in a semi-anechoic chamber, 1 m below the HPFD during the mode change. Avoid installing the HPFD in environments with low noise requirements.

## Hydromodule



#### HHNMS 140 XRV-R

Model			HHNMS 140 XRV-R
Rated capacity <sup>1</sup>	Heating	kW	14,00
On exerting limits (extride term persture)	Heating	°C	-20~30
Operating limits (outside temperature)	Domestic water	°C	-20~43
Delivery water temperature adjustment range		°C	25~80
Electrical data			
Power supply		Ph-V-Hz	1-220~240V-50Hz
Maximum current		A	16,00
Product specifications			
External dimensions	LxHxD	mm	450x795x300
Net weight		Kg	63
Sound pressure level		dB(A)	43
Sound power level		dB(A)	54
Water flow	Std (Min~Max)	m³/h	2,4 (1,2~2,9)
Water pressure	Min~Max	bar	1~3
Connections	Freon Liquid/Gas	ø mm (inch)	9,52 (3/8") / 12,7 (1/2")
Connections	Inlet/outlet water	ø mm (inch)	25,4 (1")
Serial control		type	Wired remote control

1. Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 7° C DB, 6° C WB and inlet/outlet water temperature 40° C DB, 45° C WB.

**PROJECT VRF R410A FULL DC INVERTER** 

#### •••••

## PREMIUM - P SERIES INDOOR UNITS

		kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	12.50	14.00	16.00	20.00	28.00
ette	8-ways compact 60x60	HTFU XRV-P	•	•	•	•									
Cass	8-ways 84x84	HTBU XRV-P					•	•	•	•		•			
	medium static pressure	HUCU XRV-P	•	•	•	•	•	•	•	•					
Ducted	high static pressure	HVDU XRV-P						•	•	•		•	•	•	•
	all-outside air	HVDU-F XRV-P									•	•			
Wall		HKEU XRV-P	•	•	•	•	•	•	•						
or	floor / ceiling	HSFU XRV-P			•	•	•	•	•	•		•			
Flo	recessed	HFCU XRV-P	•	•	•	•	•								

## HTFU XRV-P 8-ways compact cassette 60x60



The control must be purchased as an accessory



#### Ultra-compact design

22 dB(A) (2.20~2.80 kW) | Extremely quiet

360° air diffusion

Condensate drain pump with possibility of raising the discharge up to 500 mm from the lower height

Model			HTFU 225 XRV-P	HTFU 285 XRV-P	HTFU 365 XRV-P	HTFU 455 XRV-P		
Data dispartiti	Cooling	kW	2.20	2.80	3.60	4.50		
Rated capacity	Heating	kW	2.40	3.20	4.00	5.00		
Electrical data								
Power supply		Ph-V-Hz	1-220~240V-50Hz					
Electrical absorption		W	35	35	40	50		
Product specifications								
External dimensions	LxHxD	mm	630x260x570					
Net weight		Kg	1	18	19	.2		
Sound pressure level at 1.4 m <sup>1</sup>	Max~Min	dB(A)	35,	~22	41-	- 28		
Sound power level <sup>1</sup>	Max~Min	dB(A)	51,	~38	56-	-43		
Air flow1	Max~Min	m3/h	576	~405	604~	-400		
Pafrigorant connections	Liquid/Gas	ømm (inch)		6.35 (1/4") -	- 12.7 (1/2")			
Reingerant connections	Condensate drain	ø mm		3	2			
Accessories								
Decorative panel				TFP 155 XRV-P				
Dimensions	LxHxD	mm		647x5	0x647			
Net weight		Kg		2	.5			
Remote control			DHIR-5-6-XRV-K-P					
Wired remote control			DHW-5-6-XRV-P					
Optional parts								
Centralized control			DHC-8-64-XRV-P					

1. Values related to Max and Min speed of 7 levels settable by remote control.

## HTBU XRV-P 8-ways cassette 84x84



The control must be purchased as an accessory



Optimised fan design to attenuate air resistance and reduce noise level

Condensate drain pump with possibility of raising the discharge up to 750 mm from the lower height

Pre-set for the connection of an outside air intake channel

Model			HTBU 565 XRV-P	HTBU 715 XRV-P	HTBU 905 XRV-P	HTBU 1125 XRV-P	HTBU 1405 XRV-P		
Data da su situ	Cooling	kW	5.60	7.10	9.00	11.20	14.00		
kated capacity	Heating	kW	6.30	8.00	10.00	12.50	16.00		
Electrical data									
Power supply Ph-V-Hz			1-220~240V-50Hz						
Electrical absorption		W	31	46	7.	5	94		
Product specifications									
External dimensions	LxHxD	mm	840x23	0x840		840x300x840			
Net weight		Kg	23	.2	28	.4	30.7		
Sound pressure level at 1.4 m <sup>1</sup>	Max~Min	dB(A)	43~34	45~34	47~	-36	50~38		
Sound power level <sup>1</sup>	Max~Min	dB(A)	56~47	56~47 58~47 61~50					
Air flow <sup>1</sup>	Max~Min	m³/h	1029~704	1200~748	1596~	-1034	1727~1224		
Refrigerant connections	Liquid/Gas	ømm (inch)	9.52 (3/8") - 15.9 (5/8")						
	Condensate drain	ø mm	32						
Accessories									
Decorative panel			TBP 712 IHXR						
Dimensions	LxHxD	mm			950x70x950				
Net weight		Kg			5.8				
Remote control			DHIR-5-6-XRV-K-P						
Wired remote control			DHW-5-6-XRV-P						
Optional parts									
Centralized control			DHC-8-64-XRV-P						

1. Values related to Max and Min speed of 7 levels settable by remote control.

# PROJECT VRF R410A FULL DC INVERTER

# **CLEAN AIR UV-KIT** AIR PURIFIYING DEVICE FOR DUCTED SYSTEMS

TMS-UV04

#### AN ALL-IN-ONE SOLUTION FOR ELIMINATING VIRUSES AND BACTERIA

The UV-C air purification device has the ability to modify the DNA or RNA of micro-organisms, preventing them from reproducing and thus being harmful. UV-C light is able to inactivate 99.99% of viruses.

Use in ducted systems is recommended as it does not expose humans to UV-C light and allows disinfection and air purification.

The device technology is able to degrade numerous organic compounds by oxidation.

The filter attracts and retains moisture molecules that are naturally present in the air, capturing fine dust and oxides. This process encourages faster decomposition of substances that are harmful to humans.

This product is therefore capable of:

- effectively eliminating micro-organisms that are harmful to human health, such as moulds and viruses;
- decomposing organic compounds present in the air such as benzene, formaldehyde, ammonia, ether, TVOC and other organic chemical compounds;
- eliminating unpleasant odours.

This device can be connected to ducted indoor units so that they only operate when the air conditioning system is switched on.

TMS-UV04: for models HVDU 1605~2805 XRV-P.



## HUCU XRV-P Ducted with medium static pressure



The control must be purchased as an accessory **Only 210 mm high** (2.20~7.10 kW) | Ultra-compact design: perfect for use in hotels thanks to its small size

Available static pressure: **50 Pa** (2.20~7.10 kW); **100 Pa** (9.00~11.20 kW)

Air intake from bottom or rear

Condensate drain pump included with possibility of raising the discharge up to 750 mm from the lower height

Compatible with systems AIRZONE

Model			HUCU 225 XRV-P	HUCU 285 XRV-P	HUCU 365 XRV-P	HUCU 455 XRV-P			
Pated capacity	Cooling	kW	2.20	2.80	3.60	4.50			
	Heating	kW	2.60	3.20	4.00	5.00			
Electrical data									
Power supply		Ph-V-Hz		1-220~240V-50Hz					
Electrical absorption		W	40	40	45	92			
Product specifications									
Dimensions	LxHxD	mm		780x210x500					
Net weight		Kg		18					
Sound pressure level at 1.4 m <sup>1</sup>	Max~Min	dB(A)	32-	~23	33~25	36~25			
Sound power level <sup>1</sup>	Max~Min	dB(A)	50-	~41	51~43	54~43			
Air flow1	Max~Min	m3/h	520-	~300	580~370	800~400			
Fan static pressure	Std/Max	Pa		10/	/50				
Pofrigorant connections	Liquid/Gas	ømm (inch)		6.35 (1/4") -	- 12.7 (1/2")				
Reingerant connections	Condensate drain	ømm		2	5				
Accessories									
Remote control					-XRV-K-P				
Wired remote control			DHW-5-6-XRV-P						
Optional parts	Optional parts								
Centralized control									

410

1. Values related to Max and Min speed of 7 levels settable by remote control.

Model			HUCU 565 XRV-P	HUCU 715 XRV-P	HUCU 905 XRV-P	HUCU 1125 XRV-P			
Dated canacity	Cooling	kW	5.60	7.10	9.00	11.20			
Rateu capacity	Heating	kW	6.30	8.00	10.00	12.50			
Electrical data									
Power supply		Ph-V-Hz		1-220~240V-50Hz					
Electrical absorption		W	92	98	120	200			
Product specifications									
Dimensions	LxHxD	mm	1000x210x500	1000x210x500 1220x210x500 1230x270x775					
Net weight		Kg	21.5	21.5 27.5 37					
Sound pressure level at 1.4 m <sup>1</sup>	Max~Min	dB(A)	36~28	37~28	37~28	39~33			
Sound power level <sup>1</sup>	Max~Min	dB(A)	54~46	55~46	55~46	57~51			
Air flow <sup>1</sup>	Max~Min	m³/h	830~560	1000~680	1260~780	1500~1080			
Fan static pressure	Std/Max	Pa	10/	50	20/	100			
Pefrigerant connections	Liquid/Gas	ømm (inch)		9.52 (3/8")	- 15.9 (5/8")				
	Condensate drain	ømm		2	5				
Accessories									
Remote control			DHIR-5-6-XRV-K-P						
Wired remote control			DHW-5-6-XRV-P						
Optional parts									
Centralized control				DHC-8-6	4-XRV-P				

1. Values related to Max and Min speed of 7 levels settable by remote control.

.....

# HVDUXRV-P Ducted with high static pressure Output Image: Display the provided of the pressure Image: Display the pressure

Model				UADO 202 VUA-L			11000 1000 VVA-L	HVDU 2003 ANV-F	HVDU 2003 ANV-F		
Dated capacity	Cooling	kW	7.10	9.00	11.20	14.00	16.00	20.00	28.00		
	Heating	kW	8.00	10.00	12.50	16.00	17.00	22.50	31.50		
Electrical data											
Power supply		Ph-V-Hz		1-220~240V-50Hz							
Electrical absorption		W	180	220	380	420	700	990	1200		
Product specifications											
Dimensions	LxHxD	mm		965x423x690		1322x4	23x691	1454x5	515x931		
Net weight		Kg	41	51	51	68	68	1	130		
Sound pressure level at 1.4 m <sup>1</sup>	Max~Min	dB(A)	46~42	50~45	50~45	53~48	54~50	57-	~50		
Sound power level <sup>1</sup>	Max~Min	dB(A)	64~60	68~63	68~63	71~66	72~68	75-	~68		
Air flow1	Max~Min	m3/h	1360~1160	1420~1140	1870~1350	2240~1600	2660~1880	4330-	~3730		
Fan static pressure	Std/Max	Pa			100/200			170	/250		
Defrigerant connections	Liquid/Gas	ømm (inch)			9.52 (3/8") - 15.9 (5/8")			12.7 (1/2")	- 22.2 (7/8")		
	Condensate drain	ø mm			25				2		
Accessories											
Remote control			DHIR-5-6-XRV-K-P								
Wired remote control			DHW-5-6-XRV-P								
Optional parts											
Centralized control						DHC-8-64-XRV-P					

1. Values related to Max and Min speed of 7 levels settable by remote control.

## HVDU-F XRV-P All-outside air ducted



The control must be purchased as an accessory



These air handling units can be connected together with the indoor units to the same refrigerant system, thus increasing the design flexibility and significantly reducing operating costs

423 mm high | Ultra-compact design

200 Pa | Max static pressure of fans

Automatic "all-outside air" function to save energy when the outside temperature drops below the set temperature

Model			HVDILE 1255 YDV_D	HVDILE 1405 YDV_D					
Mouer	C I: 1	1147							
Rated canacity	Cooling	KW	12.50	14.00					
nated capacity	Heating2	kW	10.50	12.00					
Electrical data									
Power supply		Ph-V-Hz	1-220~240	1-220~240V-50Hz					
Electrical absorption		W	480						
Product specifications									
Dimensions	LxHxD	mm	1322x42?	3x691					
Net weight		Kg	68						
Sound pressure level at 1.4 m <sup>3</sup>	Max~Min	dB(A)	48~4	.2					
Sound power level <sup>3</sup>	Max~Min	dB(A)	66~6	50					
Air flow <sup>3</sup>	Max~Min	m³/h	2000~1	500					
Fan static pressure	Std/Max	Pa	180/2	00					
Refrigerant connections	Liquid/Gas	ømm (inch)	9.52 (3/8") - 15.9 (5/8")						
Reingerant connections	Condensate drain	ømm	25						
Operating field	Cooling	or	-5/1	6					
(100% outdoor air)	Heating		20 / 4	3					
Accessories									
Remote control			DHIR-5-6-XRV-K-P						
Wired remote control			DHW-5-6-XRV-P						
Optional parts									
Centralized control			DHC-8-64-	-XRV-P					

(1) Cooling test conditions: 100% outdoor air 33° C DB, 28° C WB. (2) Heating test conditions: 100% outdoor air 0° C DB, -2.9° C WB. (3) Values related to Max and Min speed of 7 levels settable by remote control.



## HKEU XRV-P Wall



The control must be purchased as an accessory New design

203 mm deep (2.20~2.80 kW) | Extremely compact design
29 dB(A) (2.20~2.80 kW) | Extremely quiet Standard washable filter

Model			HKELL 225 XRV_P	HKELL 285 XBV_P	HKELL365 XRV_P	HKELL 455 YRV-P	HKELL565 XRV_P	HKELL715 XRV_P		
Model	Cooling	L/M/	2.20	2 00	2.60	150	5.60	7 10	0.00	
Rated capacity	Cooling	K V V	2.20	2.00	5.00	4.30	5.00	7.10	9.00	
	Heating	KW	2.40	3.20	4.00	5.00	6.30	8.00	10.00	
Electrical data										
Power supply		Ph-V-Hz				1-220~240V-50Hz				
Electrical absorption		W	2	8	30	40	45	55	82	
Product specifications										
Dimensions	LxHxD	mm	835x2	80x203		990x315x223		1194x343x262		
Net weight		Kg	8.4	9.5	11.4	12.8		17		
Sound pressure level at 1.4 m <sup>1</sup>	Max~Min	dB(A)	31~29	31~29	33~30	35~31	38~34	44~36	48~38	
Sound power level <sup>1</sup>	Max~Min	dB(A)	46~44	46~44	48~45	50~46	53~49	59~51	63~53	
Air flow1	Max~Min	m3/h	422~356	417~316	656~488	594~424	747~547	1195~809	1421~867	
Defigerant connections	Liquid/Gas	ømm (inch)		6.35 (1/4")	- 12.7 (1/2")	(1/2")			9.52 (3/8") - 15.9 (5/8")	
Reingerant connections	Condensate drain	ømm				16				
Accessories										
Remote control			DHIR-5-6-XRV-K-P							
Wired remote control			DHW-5-6-XRV-P							
Optional parts										
Centralized control			DHC-8-64-XRV-P							

410

1. Values related to Max and Min speed of 7 levels settable by remote control.

## HSFU XRV-P Floor/ceiling



The control must be purchased as an accessory **Auto Swing function** | Optimises the distribution of air flow in the room

Built-in electronic expansion valve

Easy installation with unit mounted to the floor or to the ceiling

Model			HSFU 365 XRV-P	HSFU 455 XRV-P	HSFU 565 XRV-P	HSFU 715 XRV-P	HSFU 905 XRV-P	HSFU 1125 XRV-P	HSFU 1405 XRV-P	
Deter di su se statu	Cooling	kW	3.60	4.50	5.60	7.10	9.00	11.20	14.00	
Rated capacity Heating		kW	4.00	5.00	6.30	8.00	10.00	12.50	15.00	
Electrical data	-									
Power supply		Ph-V-Hz				1-220~240V-50Hz				
Electrical absorption		W	49		115		130	180	180	
Product specifications										
Dimensions	LxHxD	mm		990x6	60x203		1280x660x203	1670x6	i80x244	
Net weight		Kg	27		28		35	4	48	
Sound pressure level at 1.4 m <sup>1</sup>	Max~Min	dB(A)	40~36		43~38		45~40	47-	~42	
Sound power level <sup>1</sup>	Max~Min	dB(A)	53~49		56~51		58~53	60~55		
Air flow1	Max~Min	m³/h	550~420		930~720		1280~1050	1890-	~1580	
Pafrigarant connections	Liquid/Gas	ømm (inch)	6.35 (1/4") -	- 12.7 (1/2")			9.52 (3/8") - 15.9 (5/8")			
	Condensate drain	ømm	16	16	16	16	16	16	16	
Accessories										
Remote control						DHIR-5-6-XRV-K-P				
Wired remote control			DHW-5-6-XRV-P							
Optional parts										
Centralized control						DHC-8-64-XRV-P				

1. Values related to Max and Min speed of 7 levels settable by remote control.

## HFCU XRV-P Recessed floor



The control must be purchased as an accessory



**29 dB(A)** (2.20~2.80 kW) | Extremely quiet Air intake from bottom

**200 mm** | Maximum compactness for flushmounted installation

Model			HFCU 226 XRV-P	HFCU 286 XRV-P	HFCU 366 XRV-P	HFCU 456 XRV-P	HFCU 566 XRV-P		
Dated canacity	Cooling	kW	2.20	2.80	3.60	4.50	5.60		
Rateu capacity	Heating	kW	2.40	3.20	4.00	5.00	6.30		
Electrical data									
Power supply		Ph-V-Hz	1-220~240V-50Hz						
Electrical absorption		W	18	18	25	41	37		
Product specifications									
Dimensions	LxHxD	mm	915x470x200	915x470x200	915x470x200	1133x470x200	1253x566x200		
Net weight		Kg	16.5	16.5	17.8	20.9	24.6		
Sound pressure level at 1.4 m <sup>1</sup>	Max~Min	dB(A)	36~29	36~29	37~30	37~30	41~31		
Sound power level1	Max~Min	dB(A)	-	-	-	-	-		
Air flow1	Max~Min	m3/h	509~449	509~449	547~409	623~388	623~388		
Fan static pressure	Std/Max	Pa	0/60	0/60	0/60	0/60	0/60		
Pafrigarant connections	Liquid/Gas	ømm (inch)	6.35 (1/4") - 12.7 (1/2")						
	Condensate drain	ømm	18.5	18.5	18.5	18.5	18.5		
Accessories									
Remote control			DHIR-5-6-XRV-K-P						
Wired remote control			DHW-5-6-XRV-P						
Optional parts									
Centralized control			DHC-8-64-XRV-P						

1. Values related to Max and Min speed of 7 levels settable by remote control.



#### **PROJECT VRF R410A FULL DC INVERTER**

•••••

# TOTAL HEAT EXCHANGER



The control must be purchased as an accessory



EHIN 504~2004

## Enthalpy heat recovery unit. Energy recovery during heat exchanges in rooms

Ventilation units with heat recovery are suited for use in bars, restaurants, offices, gyms, changing rooms and all rooms where air needs to be exchanged during hours of operation.

The units consist of two centrifugal fans: one introduces clean air filtered from outside and the other one expels the stale air from the inside. The two air flows go through one blade heat exchanger, in which part of the heat is recovered.

Depending on the season, the indoor air heats or cools the outdoor air, which is introduced without coming into contact with it.



- 7 power sizes: 300~2000 m<sup>3</sup>/h.
- DC Inverter fan.
- Mandatory wired remote control.

Model			EHIN 304	EHIN 404	EHIN 504	EHIN 804	EHIN 1004	EHIN 1504	EHIN 2004		
Control (included)		type				None					
Evolution offician out	Enthalpy	%	72.1	73.5	74.0	72.3	76.0	69.4	74.7		
Exchange eniciency	Thermal	%	75.5	77.7	80.6	78.7	82.8	75.5	77.2		
Electrical data											
Power supply		Ph-V-Hz				1-220~240-50					
Power absorption		W	100	110	150	320	380	680	950		
Rated absorbed current		A	0.84	0.97	1.20	2.40	2.90	3.80	5.70		
Product specifications											
External dimensions	LxHxD	mm	914x272x1195	1204x272x1276	1106x390x1311	1286x390x1311	1526x390x1311	1425x615x1740	1625x685x1811		
Net weight		Kg	56.5	71.5	76	80	90	181.5	208.5		
Sound power level	Hi	dB(A)	48	48	50	55	54	69	70		
Treated air		m³/h	300	400	500	800	1000	1500	2000		
Fan static pressure	Hi	Pa	90	100	90	140	160	180	200		
Ducting flange		mm	ø144	ø198	ø244	ø244	ø244	346x326	346x326		
Condensate drain					Not required			Nece	ssary		
Field of application		°C				-7~43 BS (max UR 80%)					
Degree of protection						IPX2					
Specific energy consumption <sup>2</sup>	SEC	kWh/m <sup>2</sup> a	-	-	-	-	-	-	-		
Classe SEC <sup>2</sup>			· · · · · · · ·				-	-	-		
Accessories											
Mandatory wired remote contr	Mandatory wired remote control			DHW EH							

1. Values related to the high speed of the 3 levels settable by wired remote control.

2. Mandatory data for residential ventilation units (RVU) only.

EU Ecodesign Directive 1253/2014 for non-residential ventilation units (NRVU) and residential ventilation (RVU).

EU Energy Labelling 1254/2014 Residential Ventilation Unit (RVU).



#### **PROJECT VRF R410A FULL DC INVERTER**

# EEV KIT

Kit for connecting AHU with direct expansion coil to Hokkaido XRV systems.



EEV-KIT lets you connect direct air handling unit expansion coils to XRV systems.

These kits are composed of an expansion valve and electronic control to manage refrigerant flow toward the AHU: in this way, AHU systems can make use of the advantages linked to XRV technology.

#### **EEV-KIT Application diagrams**

Diagram type A: Mixed system indoor unit XRV + AHU



#### Diagram type B: AHU only



#### **Traditional VS XRV systems with EET-KIT**

Below is a comparison between a traditional connection system and an XRV system with EEV-KIT connection.



XRV system with EEV - KIT connection

#### **EEV-KIT Advantages**

High energy efficiency thanks to XRV technology which involves:

- improved inside temperature control in rooms;
- reduced energy consumption linked to Inverter technology;
- reduced outdoor unit start&stop cycles;
- lower installation and maintenance costs with respect to traditional systems which use an AHU.

#### Installation and operation

Here are a series of instructions regarding EEV-KIT functionality and the correct installation methods.

- Failure feedback function: error codes can be shown on the display when malfunctions occur.
   It is also possible to verify the set temperature.
- Maximum number of EEV-Kit that can be connected to an AHU: 4 (maximum reachable capacity 224 kW).
- Maximum distance between EEV Kits and AHU: 8 m. Kit can be connected with XRV systems with R410A.

# EEV KIT

#### **Technical data**

. . . . .

Model		HAHU 2-9 XRV-R	HAHU 9-20 XRV-R	HAHU 20-36 XRV-R	HAHU 36-56 XRV-R
Rated capacity	kW	2.20~9.00	9.00~20.00	20.00~36.00	36.00~56.00
Power supply	Ph-V-Hz		1-220~24	OV-50Hz	
HxLxD	mm		344 x 3	93 x 125	
Net weight	kg	5.7	5.7	5.8	6
In/out refrigerant connections	Ømm (inch)	9.53 (3/8")	9.53 (3/8")	12.7 (1/2")	15.9 (5/8")
Serial control	type		Wired rem	ote control	
Optional parts	5				
Third-party control			Siemens F	POL 638.70	
Centralized control			DHC-8-6	64-XRV-P	

#### **Electrical connections diagram**



Room temperature control occurs with the same logic as an XRV: comparing the temperature detected by the T1 sensor and the setting temperature Ts, it is possible to start or stop the outdoor unit, calculate the required thermal load and manage the refrigerant flow through the electronic expansion valve.

#### Master-slave connection logic



KEY: MASTER: EEV KIT Master SLAVE: EEV KIT Slave P, Q, E: signal between EEV KIT Master - Outdoor unit XRV X, Y, E: signal between EEV KIT Master - EEV KIT Slave

In the case of parallel connections of more than one EEV-KIT to service a AHU, the connection logic to be followed is that of Master-Slave.

#### **EEV-KIT** type selection

Model	HP	I.U. rated capacity (kW)
	0.8	Between 2.20 and 2.80 kW
	1	Between 2.80 and 3.60 kW
	1.2	Between 3.60 and 4.50 kW
HAHU 2-9	1.7	Between 4.50 and 5.60 kW
XKV-K	2	Between 5.60 and 7.10 kW
	2.5	Between 7.10 and 8.00 kW
	3	Between 8.00 and 9.00 kW
	3.2	Between 9.00 and 11.20 kW
HAHU 9-20	4	Between 11.20 and 14.00 kW
XRV-R	5	Between 14.00 and 18.00 kW
	6	Between 18.00 and 20.00 kW
	8	Between 20.00 and 25.00 kW
	10	Between 25.00 and 30.00 kW
<u></u>	12	Between 30.00 and 36.00 kW
	14	Between 36.00 and 40.00 kW
HAHU 36-56	16	Between 40.00 and 45.00 kW
XRV-R	18	Between 45.00 and 50.00 kW
	20	Between 50.00 and 56.00 kW

The choice of the quantities and capacity of the EEV KITs to be installed is related to the power of the AHU to which it must be connected.

#### Example

If the AHU has a capacity of 92 kW, 2 EEV-KITs can be installed:

- HAHU 20-36 XRV-R setting capacity 12HP;
- HAHU 36-56 XRV-R setting capacity 20HP.

