

Air Cooled Split Ducted *Air Conditioners*

6kw to 200kw Units

R410a Refrigerant 6kw to 73kw

R407c Refrigerant 80kw to 200kw



Commercial Range

 **DUNNAIR**
(Aust) Pty Ltd
ESTABLISHED 1961

Dunnair has supplied the HVAC Industry since 1961



SH 40 W



SH 40 N

Established 1961, Dunnair has a proud history of supply to the Australian Commercial HVAC Industry.

Our quality range of Split Ducted models are designed and manufactured in accordance with strict quality control standards and for Australian conditions.

- > SHS6 to 35 single stage
- > SH40 to 200 two stage
- > Optional two stage available for 18kW to 35kW
- > SHS6 to 35 direct drive
- > SH40 to 200 belt drive
- > Automatic De-Ice

- > Liquid Accumulator
- > Crankcase heater
- > 24 volt control
- > Galvanised steel panelling
- > Durable powder coated cabinet (outdoor unit)
- > External stainless steel fittings
- > Easy access panels with turn lock handles, no screws
- > 25mm insulation
- > Coil corrosion protection
- > High quality scroll compressors
- > High/low pressure protection for compressor
- > Time delay protection for compressor
- > Limit start timer
- > Quiet & efficient
- > Independent defrost dual circuit units for two stage units
- > Phase reverse protection
- > Electric Reheat high temperature protection (optional)

Apart from our standard design and specifications, Dunnair can manufacture to your design requirements; including but not limited to: Vertical standing and top discharge fan coils, hot gas bypass, high static fans, 50mm insulation, stainless steel units.



SHS 18 N



SHS 18 W

- > Overload protection for both indoor and outdoor fan motor
- > MEPS rated
- > Manufactured for Australian Standards & Conditions
- > High quality control procedures
- > Made in our factory in China

Optional EC-100 multifunction thermostat

Technologically advanced in design and performance, the EC-100 is the ideal thermostat control for any installation of air conditioning systems

- > Auto season change over
- > Selectable programmable or manual mode
- > Add on & Emergency heat control
- > High & Low Balance points
- > Single or 3 speed fan control
- > Keyboard and/or Temperature locks
- > Adaptive recovery
- > Smart fan logic for commercial mode
- > PIN protected menus (installer pin)
- > Outside air temperature display
- > 24v powered with memory backup
- > Volt free (clean contact) relays
- > Large backlit EL display
- > Remote temperature sensors available
- > Economy cycle controller available
- > Integrated Modbus option
- > Replaces almost all 24v thermostats



Air Cooled Split Ducted Units

Model	Cooling Capacity (kw)	Sensible Cooling (kw)	Heating Capacity (kw)	Nominal Air Flow (L/S)	Phase	Full Load Amps	Dimensions Indoor Unit L x W x H (mm)	Dimensions Supply Air (mm)	Return Air Dimension (mm)	Weight Indoor Unit (kg)	Noise Level Indoor Unit (dba)	Dimensions Outdoor Unit L x W x H (mm)	Weight Outdoor Unit (kg)	Noise Level Outdoor Unit (dba)	Fan Drive
SHS6	6.2	5.3	5.9	360	1	14.6	850 x 620 x 400	270 x 188	600 x 320	50	47.8	860 x 310 x 718	65	55.5	Direct
SHS8	7.8	6.8	7.4	472	1	15.1	1100 x 620 x 400	270 x 188	850 x 320	56	46.5	950 x 340 x 840	77	56.4	Direct
SHS10	9.1	7.9	9.4	560	1	20.1	1100 x 620 x 400	750 x 185	850 x 320	58	48.6	950 x 340 x 840	82	56.7	Direct
SHS12	11.5	9.7	12.1	695	3	11.6	1250 x 620 x 400	750 x 185	1000 x 320	65	68.4	950 x 350 x 950	89	57.5	Direct
SHS15	14.3	13.0	14.2	850	3	12.1	1400 x 620 x 420	850 x 200	1150 x 320	80	61.8	950 x 340 x 1245	105	58.2	Direct
SHS18	17.1	15.1	18.0	1000	3	13.5	1550 x 620 x 420	950 x 200	1300 x 320	86	63.7	950 x 340 x 1230	105	59.8	Direct
SHS20	19.9	15.9	19.5	1110	3	16.0	1600 x 620 x 420	950 x 200	1350 x 320	90	70.5	950 x 340 x 1230	122	73.7	Direct
SHS25	24.2	19.3	24.5	1390	3	19.3	1650 x 720 x 485	882 x 221	1450 x 384	121	71.0	1300 x 950 x 700	241	74.9	Direct
SHS30	30.6	25.4	30.6	1800	3	23.3	1900 x 720 x 485	882 x 262	1700 x 385	132	69.8	1300 x 950 x 930	276	75.5	Direct
SHS35	34.8	28.8	32.4	2000	3	25.5	2100 x 720 x 485	1000 x 262	1900 x 385	140	70.3	1300 x 1000 x 930	282	75.3	Direct
SH40	39.7	32.6	36.1	2200	3	29.2	1300 x 1100 x 860	516 x 452	1100 x 727	220	71.4	1550 x 1200 x 900	360	75.7	Belt
SH45	44.8	37.6	44.2	2700	3	32.8	1500 x 1100 x 860	516 x 452	1200 x 727	240	72.2	1550 x 1400 x 900	365	76.2	Belt
SH50	48.6	39.8	44.2	2800	3	38.9	1600 x 1100 x 860	516 x 452	1400 x 727	290	72.8	1800 x 1755 x 910	530	76.7	Belt
SH56	55.6	45.0	57.4	3000	3	41.7	1600 x 1100 x 860	516 x 452	1400 x 727	290	72.8	1800 x 1755 x 910	532	77.1	Belt
SH66	65.5	50.9	60.7	3500	3	46.3	2200 x 1150 x 920	578 x 503	1960 x 784	410	73.1	1800 x 1755 x 910	535	77.7	Belt
SH73	72.8	59.3	66.6	3900	3	51.2	2200 x 1150 x 920	578 x 503	1960 x 784	412	73.7	1800 x 1755 x 910	538	78.4	Belt
SH80	80.4	65.5	80.7	4300	3	61.4	2200 x 1200 x 1020	578 x 503	1960 x 884	485	74.6	1800 x 1803 x 910	615	79.0	Belt
SH90	88.5	71.0	85.0	4800	3	72.6	2430 x 1250 x 1050	647 x 525	2180 x 884	516	75.5	1800 x 2080 x 1100	710	79.6	Belt
SH100	102.2	82.9	98.5	5500	3	91.0	2150 x 1400 x 1450	640 x 518	2000 x 1200	620	77.3	2050 x 2050 x 1450	1100	80.6	Belt
SH120	117.6	95.2	116.2	6500	3	98.9	2300 x 1550 x 1550	717 x 715	2150 x 1300	660	77.1	2050 x 2050 x 1450	1170	82.2	Belt
SH140	137.8	110.6	132.0	7500	3	125.4	2650 x 1550 x 1550	717 x 715	2500 x 1300	730	77.7	2050 x 2050 x 1550	1180	83.3	Belt
SH160	156.2	127.5	152.5	8500	3	140.2	2850 x 1650 x 1550	717 x 715	2700 x 1300	760	80.1	2050 x 2050 x 1650	1250	83.7	Belt
SH180	176.8	143.6	169.4	9500	3	170.2	3050 x 1850 x 1650	803 x 801	2900 x 1400	820	82.5	2150 x 2150 x 2350	1340	85.4	Belt
SH200	201.8	164.3	196.2	10500	3	190.3	3050 x 1850 x 1650	803 x 801	3200 x 1400	860	82.2	2150 x 2150 x 2350	1400	87.2	Belt

SHS6 to SHS35: Single Compressor. SH40 to SH200: Two Compressors
Cooling Capacity is based on 27°C DB, 19°C WB Entering Air Temperature & 35°C Ambient Temperature.
Sound Levels are from 1 metre of the Indoor unit; and 1 metre from the Outdoor unit.

The Manufacturer reserves the right to modify the data in this catalogue without warning.



Commercial Range
6kw to 73kw R410a refrigerant
80kw to 200kw R407c refrigerant

Dunnair (Aust) Pty Ltd: Head Office: 10 Cochranes Road, Moorabbin Victoria 3189
Phone 03 8552 1200 Facsimile 03 8552 1201 Email sales@dunnair.com.au Freecall 1300 724 660

Dunnair New South Wales: Phone 02 9674 1577 Facsimile 02 9674 1588 Email salesnsw@dunnair.com.au
Dunnair Queensland: Phone 07 3899 5866 Facsimile 07 3899 5845 Email salesqld@dunnair.com.au
Dunnair SA & NT: Phone 08 8293 8433 Facsimile 08 8293 8633 Email airconau@bigpond.net.au

Western Australia: Turner Engineering
Phone 08 9354 9599 Facsimile 08 9354 9560 Email info@tewa.com.au
Tasmania: Ambient Air
Phone 0418 756 643 Facsimile 03 6425 3531 Email peter@dunnair.com.au