

ENGINEERING  
TOMORROW

*Danfoss*

Danfoss scroll compressors WSH - R410A

# More efficient with faster connectivity. Mould your HVAC unit to be a top performer

optimized for high efficiency air conditioning systems (low condensing temperatures)

**5%**

more efficient in applications with low condensing temperatures



# Danfoss WSH compressor: shaped to optimize HVAC systems with low condensing temperatures

From 7.5 to 15 TR cooling capacities\* available for water cooled chillers or packaged units

<b>Models</b>	WSH 090 - 105 - 120 - 140 - 161 - 184
<b>Refrigerant</b>	R410A
<b>Cooling capacity (ARI conditions-60Hz)</b>	7.5-15 TR
<b>Maximum service pressure</b>	48 bar
<b>Certification</b>	CE/UL
<b>Main features</b>	Optimized range for low condensing temperatures Optimized scroll sets Patented hybrid manifold solution Efficient acoustic hood

### From features to benefits:

- > optimized scroll sets increase compressor COP by 5% and your overall system efficiency
- > manifold combination as tandem and trio cut down installation costs
- > new optional acoustic hood reduces noise level by 6 to 8 dB(A) for greater comfort
- > quick electrical connector plug enhances your yearly productivity by 1% and helps reduce miswiring

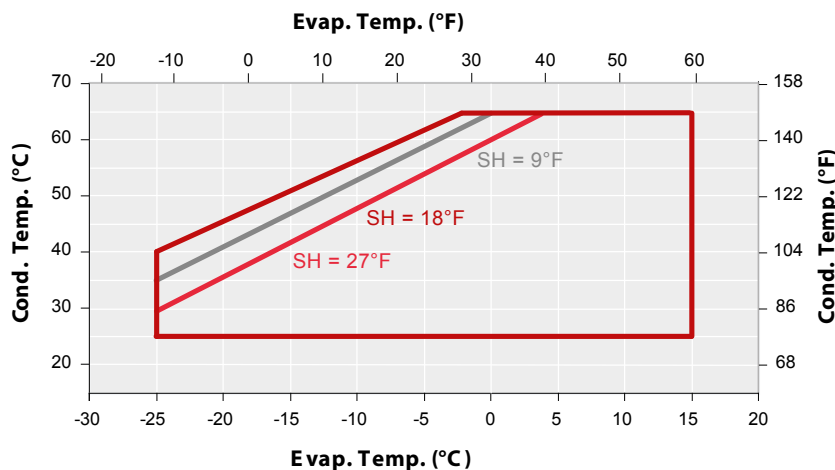
	Model	Nominal cooling capacity	Power input	EER
		Btu/h	kW	Btu/h/W
60 Hz	WSH090	93 900	8.62	10.88
	WSH105	111 600	10.24	10.90
	WSH120	126 300	11.38	11.08
	WSH140	142 000	12.65	11.22
	WSH161	161 800	14.40	11.22
	WSH184	181 200	16.33	11.10

Standard rating conditions: ARI standard  
Refrigerant: R410A  
Evaporating temperature: 45°F  
Condensing temperature: 130°F  
Superheat: 20°F  
Subcooling: 15°F  
Data given for code 4: 460V - 60Hz - 3 phases

### Suitable for most HVAC applications in:

- hotels and villas
- restaurants
- office buildings
- station waiting halls
- factories

### WSH's operating envelopes



Subject to modification without prior notification. For full data details and capacity tables refer to Online Datasheet Generator: [www.danfoss.com/odsg](http://www.danfoss.com/odsg)

For more information, please contact your local sales office.

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