



OXYTHERM[®] FHR Dual Fuel Burners

ASSEMBLY NUMBER PAGES

Configured Item Numbers

Burner size	OXYTHERM [®] FHR gas burners	OXYTHERM [®] FHR oil burners
Small (S)	OT FHR S G	OT FHR S O
Medium (M)	OT FHR M G	OT FHR M O
Large (L)	OT FHR L G	OT FHR L O
Extra Large (XL)	OT FHR XL G	OT FHR XL O

Segment choice detail - OXY-THERM[®] FHR gas burners

Segment choices for configured item number OT FHR S G

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	N	Natural gas
		X	Special gas (see Engineering)
FUEL FLOW	Choice of fuel flow in cubic meters/hour	036	36 cubic meters/hour
		043	43 cubic meters/hour
		050	50 cubic meters/hour
		056	56 cubic meters/hour
		065	65 cubic meters/hour
		082	82 cubic meters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
		T	Tank AZS 35-HP
		Z	Zedpave
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
OIL CONVERSION KIT	Choice of oil conversion kit, if desired	NON	None
		041	41 liters/hour
		058	58 liters/hour
		068	68 liters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)



Segment choices for configured item number OT FHR M G

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	N	Natural gas
		X	Special gas (see Engineering)
FUEL FLOW	Choice of fuel flow in cubic meters/hour	081	81 cubic meters/hour
		103	103 cubic meters/hour
		113	113 cubic meters/hour
		124	124 cubic meters/hour
		161	161 cubic meters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
		T	Tank AZS 35-HP
		Z	Zedpave
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
OIL CONVERSION KIT	Choice of oil conversion kit, if desired	NON	None
		99	99 liters/hour
		134	134 liters/hour
		193	193 liters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR L G

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	N	Natural gas
		X	Special gas (see Engineering)
FUEL FLOW	Choice of fuel flow in cubic meters/hour	170	170 cubic meters/hour
		187	187 cubic meters/hour
		204	204 cubic meters/hour
		266	266 cubic meters/hour
		339	339 cubic meters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
		T	Tank AZS 35-HP
		Z	Zedpave
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
OIL CONVERSION KIT	Choice of oil conversion kit, if desired	NON	None
		217	217 liters/hour
		251	251 liters/hour
		313	313 liters/hour
		358	358 liters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR XL G

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	N	Natural gas
		X	Special gas (see Engineering)
FUEL FLOW	Choice of fuel flow in cubic meters/hour	281	281 cubic meters/hour
		365	365 cubic meters/hour
		466	466 cubic meters/hour
		566	566 cubic meters/hour
		667	667 cubic meters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
		T	Tank AZS 35-HP
		Z	Zedpave
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
OIL CONVERSION KIT	Choice of oil conversion kit, if desired	NON	None
		462	462 liters/hour
		500	500 liters/hour
		569	569 liters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choice detail - OXY-THERM® FHR oil burners

Segment choices for configured item number OT FHR S O

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	H	Heavy fuel oil
		L	Light fuel oil
FUEL FLOW	Choice of fuel flow in liters/hour	041	41 liters/hour
		058	58 liters/hour
		068	68 liters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
		T	Tank AZS 35-HP
		Z	Zedpave
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
GAS CONVERSION KIT	Choice of gas conversion kit, if desired	NON	None
		036	36 cubic meters/hour
		043	43 cubic meters/hour
		050	50 cubic meters/hour
		056	56 cubic meters/hour
		065	65 cubic meters/hour
		082	82 cubic meters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR M O

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	H	Heavy fuel oil
		L	Light fuel oil
FUEL FLOW	Choice of fuel flow in liters/hour	099	99 liters/hour
		134	134 liters/hour
		193	193 liters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
		T	Tank AZS 35-HP
		Z	Zedpave
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
GAS CONVERSION KIT	Choice of gas conversion kit, if desired	NON	None
		081	81 cubic meters/hour
		103	103 cubic meters/hour
		113	113 cubic meters/hour
		124	124 cubic meters/hour
		161	161 cubic meters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR L O

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	H	Heavy fuel oil
		L	Light fuel oil
FUEL FLOW	Choice of fuel flow in liters/hour	217	217 liters/hour
		251	251 liters/hour
		313	313 liters/hour
		358	358 liters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
		T	Tank AZS 35-HP
		Z	Zedpave
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
GAS CONVERSION KIT	Choice of gas conversion kit, if desired	NON	None
		170	170 cubic meters/hour
		187	187 cubic meters/hour
		204	204 cubic meters/hour
		266	266 cubic meters/hour
		339	339 cubic meters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR XL O

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	H	Heavy fuel oil
		L	Light fuel oil
FUEL FLOW	Choice of fuel flow in liters/hour	462	462 liters/hour
		500	500 liters/hour
		569	569 liters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
		T	Tank AZS 35-HP
		Z	Zedpave
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
GAS CONVERSION KIT	Choice of gas conversion kit, if desired	NON	None
		281	281 cubic meters/hour
		365	365 cubic meters/hour
		466	466 cubic meters/hour
		566	566 cubic meters/hour
		667	667 cubic meters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Replacement parts

Burner blocks

OXYTHERM® FHR housing size	Zedpave block	Mullite block	Tank AZS 35-HP block	Mounting plate	Gasket
Small	50126694-001	50113298-001	50135085-001	50114613-001	50114600-001
Medium	50126695-001	50113299-001	50135086-001	50114635-001	50114622-001
Large	50126696-001	50113300-001	50135087-001	50114658-001	50114647-001
Extra Large	50126697-001	50113301-001	50135088-001	50114676-001	50114664-001

Gas shim kits

OXYTHERM® FHR housing size	Gas flow (m ³ (st)/h)	Shim kit
Small	036	50115754-001
	043	50115755-001
	050	50115756-001
	056	50115757-001
	065	50115758-001
	082	50115759-001
Medium	081	50115760-001
	103	50115761-001
	113	50115762-001
	124	50115763-001
	161	50115764-001
Large	170	50115766-001
	187	50115767-001
	204	50115768-001
	266	50115769-001
	339	50115770-001
Extra Large	281	50115771-001
	365	50115772-001
	466	50115773-001
	566	50115774-001
	667	50115775-001

Oil inserts/tubes

OXY-THERM® FHR housing size	Flow (liters/h)	Oil insert	Oil tube
Small	041	50116532-001	50116519-001
	058	50116533-001	50116520-001
	068	50116534-001	50116521-001
Medium	099	50116535-001	50116522-001
	134	50116536-001	50116523-001
	193	50116537-001	50116524-001
Large	217	50116538-001	50116525-001
	251	50116539-001	50116526-001
	313	50116540-001	50116527-001
	358	50116541-001	50116528-001
Extra Large	462	50116542-001	50116529-001
	500	50116543-001	50116530-001
	559	50116544-001	50116531-001

Configured OXY-THERM® FHR conversion kits

Configured item number: OT FHR CNV

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
ORIGINAL SIZE	Housing size of original burner	L	Large
		M	Medium
		S	Small
		XL	Extra large
ORIGINAL FUEL	Fuel choice of original burner	G	Gas
		O	Oil
NEW FUEL	Convert to this fuel	H	Heavy fuel oil
		L	Light fuel oil
		N	Natural gas
GAS-TO-OIL CONVERSION LITERS/H	Choice of oil flow	N	None
		041	41 liters/hour
		058	58 liters/hour
		068	68 liters/hour
		099	99 liters/hour
		134	134 liters/hour
		193	193 liters/hour
		217	217 liters/hour
		251	251 liters/hour
		313	313 liters/hour
		358	358 liters/hour
		462	462 liters/hour
		500	500 liters/hour
		569	569 liters/hour
OIL-TO-GAS CONVERSION CUBIC METERS/H	Choice of gas flow	N	None
		036	36 cubic meters/hour
		043	43 cubic meters/hour
		050	50 cubic meters/hour
		056	56 cubic meters/hour
		065	65 cubic meters/hour
		081	81 cubic meters/hour
		082	82 cubic meters/hour
		103	103 cubic meters/hour
		113	113 cubic meters/hour
		124	124 cubic meters/hour
		161	161 cubic meters/hour
		170	170 cubic meters/hour
		187	187 cubic meters/hour
		204	204 cubic meters/hour
		266	266 cubic meters/hour
		281	281 cubic meters/hour
		339	339 cubic meters/hour
		365	365 cubic meters/hour
466	466 cubic meters/hour		
566	566 cubic meters/hour		
667	667 cubic meters/hour		

For More Information

The Honeywell Thermal Solutions family of products includes Honeywell Combustion Safety, Eclipse, Exothermics, Hauck, Kromschröder and Maxon. To learn more about our products, visit ThermalSolutions.honeywell.com or contact your Honeywell Sales Engineer.

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